ТАВ	DESCRIPTION	ACTION
1	STANDING COMMITTEE REPORT – HIGHER EDUCATION TASK FORCE UPDATE	Information Item
2	IDAHO EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCoR) ANNUAL REPORT	Information Item
3	GRADUATE MEDICAL EDUCATION COMMITTEE – COMMITTEE APPOINTMENTS	Action Item
4	BOARD POLICY III.T. – STUDENT ATHLETES – FIRST READING	Action Item
5	BOARD POLICY III.N. – GENERAL EDUCATION – SECOND READING	Action Item
6	COLLEGE LEVEL EXAM PROGRAM/ADVANCED PLACEMENT COURSE EQUIVALENCY DEVELOPMENT	Information Item

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SUBJECT

Standing Committee Report – Higher Education Task Force Update

REFEFENCE

October 2017	Board assigned each of the 12 Higher Education Task Force recommendations to one or more of the Board's standing committees.		
December 2017	Board prioritizes Higher Education Task Force recommendations.		
February 2018	Board received update on all Higher Education Task Force recommendations.		
April 2018	The Board received an update on progress regarding the Higher Education Task Force recommendations assigned to each of the Board's standing committees.		

APPLICABLE STATUTE, RULE OR POLICY

Idaho State Board of Education (Board) Governing Policies & Procedures, Bylaws Section I.F.2

ALIGNMENT WITH STRATEGIC PLAN

Goal 1: Educational System Alignment; Objective A: Access and Transparency

BACKGROUND/ DISCUSSION

The Instruction, Research and Student Affairs (IRSA) committee Chair will provide a summary of several key initiatives that are in progress, in cooperation with staff from the eight public higher education institutions and other educational state agencies. IRSA projects include:

- Research and development of proposed exam-to-course crosswalk for Advanced Placement (AP) and College Level Examination Program (CLEP) within common course list and general education requirements.
- Exploration of possible strategies and solutions to increase access and affordability of textbooks corresponding to courses on the common course list.
- Institutional collaboration towards the development of a unified framework addressing the goals and recommendations of the Instruction, Research, and Student Affairs Committee and the Planning, Policy and Governmental Affairs Committee P-20 Guided Pathways Workgroup. These involve strategies, initiatives, and metrics identified by the Higher Education Task Force and Complete College America.
- Various grant proposals have been submitted in partnership with agency, postsecondary, and industry stakeholders supporting college access for adult learner populations.
- A Request for Proposals (RFP) for the statewide degree audit and student analytics system has been drafted and is under review and pending submission to the State Division of Purchasing.

• Developing strategies and goals to ensure first-time, full-time students complete 30 hours each academic calendar year.

IMPACT

The Chairman's overview will update Board members on efforts underway on projects within the IRSA Committee's area of responsibility.

STAFF COMMENTS AND RECOMMENDATIONS

Staff will be available to provide additional details on current IRSA initiatives, if requested.

BOARD ACTION

This item is for informational purposes only.

SUBJECT

Experimental Program to Stimulate Competitive Research (EPSCoR) Annual Report

REFERENCE

August 2016EPSCoR provided their annual report to the BoardOctober 2017EPSCoR provided their annual report to the Board

APPLICABLE STATUTE, RULE, OR POLICY

Idaho State Board of Education Governing Policies & Procedures, Section III.W. Higher Education Research

ALIGNMENT WITH STRATEGIC PLAN

Goal 1: Educational System Alignment, Objective B: Alignment and Coordination

BACKGROUND/DISCUSSION

The Experimental Program to Stimulate Competitive Research (EPSCoR) is a federal-state partnership designed to enhance the science and engineering research, education, and technology capabilities of states that traditionally have received smaller amounts of federal research and development funds. Through EPSCoR, participating states are building a high-quality academic research base that is serving as a backbone of a scientific and technological enterprise.

Idaho EPSCoR is led by a state committee composed of 16 members, appointed by the Board, with diverse professional backgrounds from both the public and private sectors and from all regions in the state. The Idaho EPSCoR committee oversees the implementation of the Idaho EPSCoR program and ensures program goals and objectives are met. The Idaho EPSCoR office and the Idaho EPSCoR Project Director are located at the University of Idaho. Partner institutions are Boise State University and Idaho State University.

The purpose of EPSCoR awards is to provide support for lasting improvements in a state's academic research infrastructure and its research and education capacity in areas that support state and university Science and Technology Strategic Plans. Idaho EPSCoR activities include involvement in K-12 teacher preparation and research initiatives and projects ranging from undergraduate research through major state and regional research projects.

Idaho has seven active National Science Foundation (NSF) EPSCoR Research Infrastructure Improvement (RII) awards:

- Track-1 2013-2018 \$20 million plus required 20% state match: Managing Idaho's Landscapes for Ecosystem Services (MILES). State match is funded through the Board's Higher Education Research Council matching grant funds. The current match is \$800,000 annually.
- Track-2 Focused EPSCoR Collaborations:

- 2017-2021 \$6 million, Using Biophysical Protein Models to Map Genetic Variation to Phenotypes.
- 2018-2022 \$6 million, Genomics Underlying Toxin Tolerance (GUTT): Identifying Molecular Innovations that Predict Phenotypes of Toxin Tolerance in Wild Vertebrate Herbivores.
- Track-3 Building Diverse Communities: 2014-2019 \$750,000 (up to five years), Indigenous Program for STEM Research, and Regional Native Network of Graduate Education: A National Research and Educational Model.
- Track-4 EPSCoR Research Fellows:
 - 2018-2020 \$216,000, A Multi-omic Approach Toward an Understanding of the Environmental Implications of Antibiotics on Soil Processes, Michael Strickland, University of Idaho
 - 2017-2019 \$194,000, Using In-cell NMR to Follow 13C-fluxomics in Living Cells, Lisa Warner, Boise State University
 - 2017-2019 \$131,000, Investigating Evolutionary Innovations through Metagenomics, Eric Haydn, Boise State University

Consistent with Board Policy III.W.2. d., EPSCoR has prepared an annual report regarding current EPSCoR activities that details all projects by federal agency source, including reports of project progress from associated external Project Advisory Board (PAB).

ATTACHMENTS

Attachment 1 – Annual Report Presentation Attachment 3 – MILES 2017 (year four) Project Advisory Board Report

STAFF COMMENTS AND RECOMMENDATIONS

Idaho EPSCoR was awarded a new Track-1 grant NSF-EPSCoR award in 2013 entitled, "Managing Idaho's Landscapes for Ecosystem Services", for \$20M. This grant was a 5-year grant that completed in FY2018. Track-1 awards provide up to \$20M over 5 years to support improvements to physical and cyber infrastructure and to develop human capital in research areas and require a state matching component. The current match rate is 20% of the award amount. On September 18, 2018, it was announced that Idaho-EPSCoR was awarded a new Track-1 grant from NSF-EPSCoR for the "Linking Genome to Phenome to Predict Adaptive Response of Organisms to Changing Landscapes" proposal. The five-year award amount from NSF-EPSCoR is \$20M with \$800,000 annually being provided as matching funds through the Board's Higher Education Research Council and the funds the Board has allocated to the Council for distribution.

BOARD ACTION

This item is for informational purposes only.

Idaho NSF EPSCoR Research Infrastructure Improvement (RII): *Annual Report - 2018*

Laird Noh, Idaho EPSCoR Committee Chairman Janet Nelson, Interim Project Director Rick Schumaker, Assistant Project Director

> Idaho State Board of Education Lewiston, Idaho October 18, 2018





Idaho State

Attachment 1

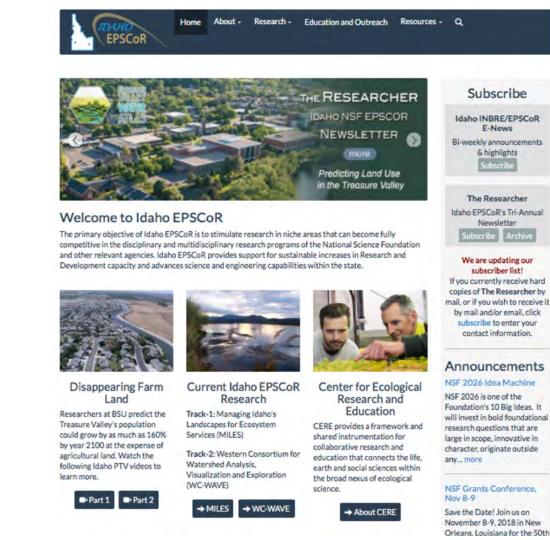
2018 Annual Report

- Idaho EPSCoR
- Idaho in National Context
- Active EPSCoR RII Awards
- MILES Accomplishments
- RII Track-1 Proposal "GEM3"

University of Idaho

• Concluding Remarks

www.idahoepscor.org



BOISE STATE UNIVERSITY

TAB 2 Page 2

Idaho EPSCoR Committee



Laird Noh, Chairman

President of Noh Sheep Company; Idaho State Senator (retired)



David Barneby Vice-President of Nevada Power and Sierra Pacific Power Companies (retired)



Kelly Beierschmitt Deputy Laboratory Director, Idaho National Laboratory



Maxine Bell Idaho State Representative



Matthew J. Borud Chief Business Development Officer, Idaho Department of Commerce



Gynii Gilliam President of Jobs Plus Inc.



Park

Doyle Jacklin Partner, Riverbend Commerce



Mark Nye Idaho State Senator



Skip Oppenheimer Chairman/CEO of Oppenheimer Companies, Inc.



Leo Ray President of Fish Breeders of Idaho, Inc.



Mark Rudin Vice-President for Research, Boise State University



Jean'ne Shreeve Professor of Chemistry, University of Idaho



Dennis Stevens Chief of Research and Development, Infectious Disease Section, Veterans

Affairs Medical Center



David Tuthill Jr. Founder of Idaho Water Engineering, LLC.



Cornelis Van der Schyf Vice-President of Research, Idaho State University





John Wiencek Provost and Executive Vice President, University of Idaho

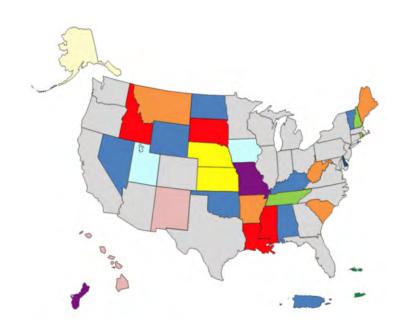
Attachment 1

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Idaho's Research Competitiveness

Attachment 1

O.32% of NSF's Total <u>Research</u> funding awarded to Idaho (FY15-17), Up **from 0.26%** seven years ago





<u>Total</u> NSF funding to Idaho (FY17) = \$24.7M, a 32% increase from 2012

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 List of Active NSF EPSCoR RII Projects

• Track-1: Academic Research Infrastructure

Managing Idaho's Landscapes for Ecosystem Services (MILES); (2013-2018) \$20,000,000 plus required 20% match

• Track-2: Focused EPSCoR Collaborations

➢Using Biophysical Protein Models to Map Genetic Variation to Phenotypes; (2017-2021) \$6,000,000. ID-VT-RI. 1 of 8 awards nationally

➢ Genomics Underlying Toxin Tolerance (GUTT): Identifying Molecular Innovations that Predict Phenotypes of Toxin Tolerance in Wild Vertebrate Herbivores; (2018 −2022) \$6,000,000. ID-WY-NV.

• Track-3: Building Diverse Communities

Indigenous Program for STEM Research and a Regional Native Network of Graduate Education: A National Research and Educational Model; (2014-2019) \$750K

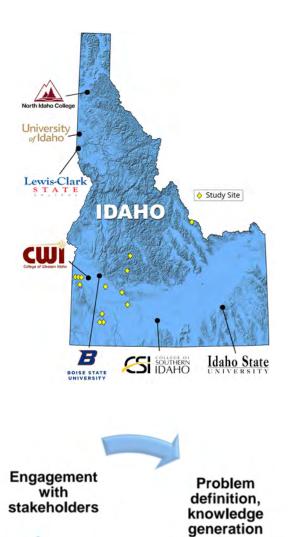
INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 List of Active NSF EPSCoR RII Projects

• Track-4: EPSCoR Research Fellows

- ➢A Multi-omic Approach Towards an Understanding of the Environmental Implications of Antibiotics on Soil Processes; (2018-2020) \$216k; Michael Strickland U of I
- ➢Using in-cell NMR to follow 13C-fluxomics in living cells; (2017-2019); \$194k; Lisa Warner, Boise State
- Investigating Evolutionary Innovations through Metagenomics; (2017-2019); \$131k; Eric Haydn, Boise State

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 NSF EPSCOR MILES Research

Attachment 1



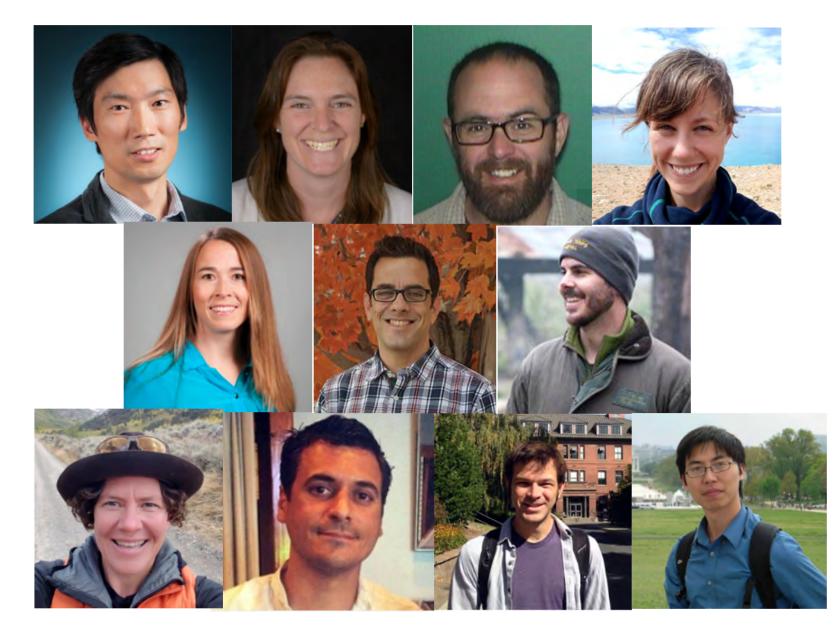
Creation of scientific tools and scenarios

PORTNEUF RIVER **VISION STUDY**



INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 New Faculty Hires through NSF EPSCoR

Attachment 1



INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 NSF EPSCOR RII – MILES Legacy

Attachment 1





Strategic Plan 2018-2021

- Place-based studies provide integrative research opportunities
- Statewide collaboration
- Stakeholders as partners
- 11 New faculty positions
- Integrated research and education
- New Initiatives to sustain research and education

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Examples of NSF EPSCOR MILES Outputs

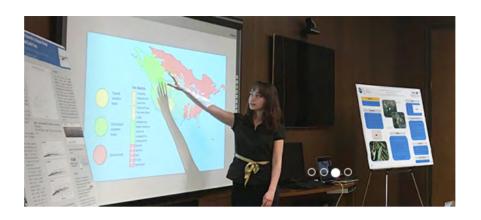
- 128 scholarly publications with partial or primary EPSCoR support since start; 38 cross-disciplinary
- 270+ participants at academic institutions statewide in Yr-5 (55% female, 18% underrepresented minorities)
- Research opportunities for **90** undergraduates in Yr-5 (56% female, 37% underrepresented minorities)
- 47 graduate and 87 undergraduate degrees granted to MILES students since start
- Training provided to **102** K-12 Teachers in Yr-5
- Submitted 272 proposals since 2013 requesting; over 20 for Social Ecological Systems science
- Received **88** grants totaling **\$31.3M** since start

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Workforce Development and Diversity

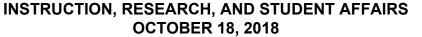
Attachment 1

- MILES Adventure Learning
 - 12 Workshops impacting over 20,000 Idaho K-12 teachers and students during the award
- Invested over \$1M in more than 300 MURI undergraduate students
 - 38% from underrepresented populations
 - 56% female
 - 18% from 2 and 4 year colleges
- Of MURI students who started in Year 1 Cohort:
 - 91% graduated with a B.S. or B.A. degree
 - 28% either enrolled/applied for graduate school or have been awarded a graduate degree





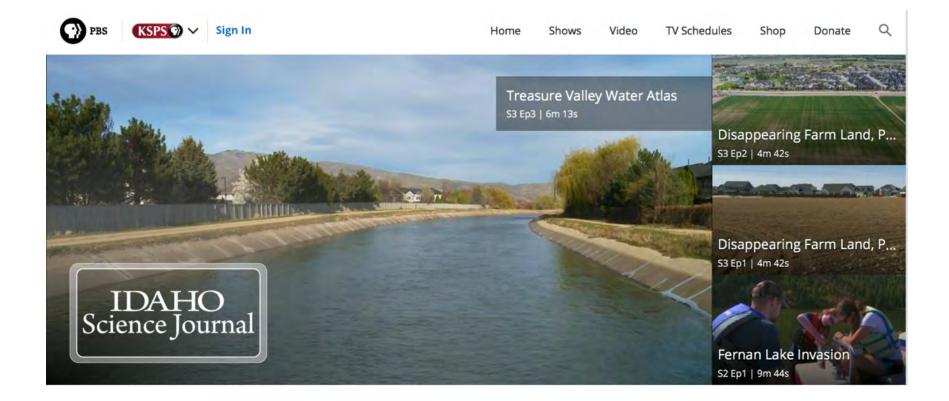
Attachment 1



MILES External Engagement



Award-winning productions



INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 EPSCOR – Recent Events / Activities

- Idaho EPSCoR Annual Meeting; Pocatello, October 2017 – Lisette Waits received Shreeve Award
- Laird Noh received EPSCoR/IDeA Danek Award, March 2018
- Idaho INBRE / Idaho EPSCoR partner on bimonthly E-News
- Idaho Conference on Undergraduate Research (ICUR) – Boise, July 2018
- Idaho EPSCoR Annual Meeting; Sun Valley, December 2018





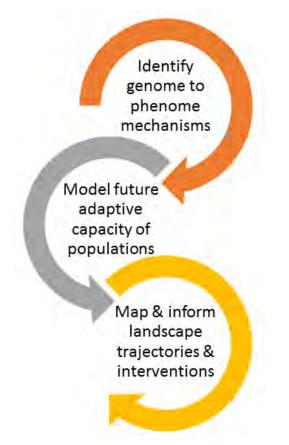
IRSA

Attachment 1

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 L Idaho's NSF EPSCOR Track-1 Proposal

Attachment 1

Idaho Track-1 RII: "GEM3" Genes to Environment: Modeling, Mechanisms, and Mapping - Submitted August 2017



This statewide research theme will advance fundamental knowledge to predict how organisms adapt to external stressors and a changing environment.

NSF Ideas for Future Investment



Attachment 1

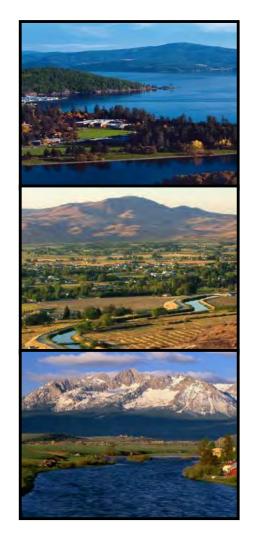
Idaho NSF EPSCoR





ESTABLISHED PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCoR)

https://www.nsf.gov/od/oia/programs/epscor/



IDAHO NSF EPSCOR PROJECT ADVISORY BOARD REPORT ON THE IDAHO EPSCOR RESEARCH INFRASTRUCTURE IMPROVEMENT TRACK- 1 COOPERATIVE AGREEMENT

(#IIA-1301792)

YEAR FOUR Pocatello, Idaho October 2017

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INTRODUCTION

The Idaho EPSCoR Project Advisory Board (PAB) met in Pocatello, Idaho on October 11-13, 2017 to review the fourth year of progress toward the Idaho Research Infrastructure Improvement (RII) Track-1 Cooperative Agreement that was funded by the National Science Foundation (NSF) Experimental Program to Stimulate Competitive Research (EPSCoR). The RII project is entitled, "Managing Idaho's Landscapes for Ecosystem Services" (MILES). This was the fourth PAB meeting for the MILES project, and it occurred in conjunction with the project's annual meeting. A roster of PAB members is provided in Appendix A.

NSF EPSCoR funded this 60-month continuing award in June 2013 at \$20 million over five years. This award will end in May 2018, and this is the final PAB report. The State of Idaho has committed to contribute \$4 million in additional funds toward the project over the five-year period. The University of Idaho (UI) is the fiscal agent for the award, and Boise State University (BSU) and Idaho State University (ISU) receive funding through subcontracts. Dr. Janet Nelson, Vice President for Research and Economic Development at UI, is the Idaho EPSCoR/IDeA Interim Project Director and the Principal Investigator (PI) for the RII Track-1 Cooperative Agreement, replacing Dr. Peter Goodwin. The PAB looks forward to working with Dr. Nelson over the next year and would like to thank Dr. Goodwin for his many years of leadership both to MILES and to the PAB.

This report is being provided by the PAB to the Idaho EPSCoR management team with the understanding that it will be shared with the participating faculty and staff, the Idaho EPSCoR State Committee that provides general oversight for all of the Idaho EPSCoR activities, and the NSF EPSCoR Office. This report also should be shared with the administrators at each university, particularly where leadership at the institution is changing (e.g., new President and Vice Provost for Research at ISU). The report is intended to assist Idaho EPSCoR management and the Executive Leadership Team (ELT) to best meet their goals and objectives as detailed in the Strategic Plan in this final year. It focuses on Year 4 outcomes and timelines as compared with those listed in the Strategic Plan. It also provides feedback on the project's implementation of recommendations from the PAB in Year 3 and on the integration of feedback from the NSF Site Visit that occurred in September 2016.

In this fourth year, the PAB was asked to comment both on the project's fidelity of implementation of the Strategic Plan and related milestones as well as on the response to recommendations by the PAB and the Site Visit. The PAB also was asked to provide guidance related to the sustainability plans underway and to identify other possible areas for sustainability beyond the Track-1 period.

SUMMARY

The PAB noted that all project components are on track based on the Strategic Plan, as evidenced in the annual report, other key outcome documents provided by the project team, and the presentations at the annual meeting. Earlier in the program, the PAB highlighted the fact that this proposal was very ambitious and was tackling very complex problems. The PAB was impressed with the ability of the project leaders to implement the recommendations provided over the past year, while continuing to progress on previous accomplishments. The implementation of recommendations from last year required targeting resources (funds, personnel, time) to the following specific areas of concern:

Integration/Synthesis, Identifying a Unifying Conceptual Model, Convening a Working Group to Identify Research that Includes Economists and Social Scientists, Hosting a Decision Support Workshop with Stakeholders, and Diversity (including writing of the outcomes report from the mentoring workshop and hosting a workshop to focus on best practices in URM recruitment and retention). Project leadership successfully addressed these areas of concern, and the project has made great strides in the past twelve months. Further work will strengthen the project in each of these areas, and the PAB provides suggestions that will facilitate this growth and lead to sustainability beyond the current funding.

PROJECT LEADERSHIP AND MANAGEMENT

This project has afforded the Executive Leadership Team (ELT) the experience of leading a large, complex project with intra- and inter-campus components. These individuals are now important resources for their campuses and the state. They have management insights that can inform and help other large research grants (including the next Track-1). The PAB would like to acknowledge the intensive work of the ELT over the past year to implement the recommendations provided both by the PAB and the NSF Site Visit. Significant effort was undertaken over the last year to address each recommendation, with many positive project outcomes as a result. With the transition in leadership this year, the PAB is pleased to see that Dr. Janet Nelson has stepped forward to lead this project in its final year. Her extensive experience in complex and multi-disciplinary program management, science policy implementation, and academic administration provide an excellent match to the aims of the MILES project.

PROGRESS IN MEETING RECOMMENDATIONS

Integration/Synthesis

Important progress has been achieved to integrate university research and advice into the programs of local, regional, state, and federal environmental agencies, tribes, and into local and regional environmental and educational NGOs. This success is creating a community of SES interests across Idaho with expectations for continued university participation. Integration within and across the three academic institutions is also progressing among the participating faculty, with increased understanding of their relative strengths as the basis for future collaborations. Network maps helped the MILES researchers and leadership teams better understand the relationships among individual researchers and among the universities. The network maps show a significant increase in connections from 2016 to 2017. Common themes have been identified and a post-doc was hired to guide these efforts. An international collaboration (PECS - Programme on Ecosystem Change & Society) is underway to look at other countries' governance issues across social ecological systems and to share the results of the MILES learning with these organizations.

Attachment 2

Identifying a Unifying Conceptual Model

A unifying conceptual model was created over the past several months, based on the DPSIR framework of UNEP Global Environmental Outlook 4 (GEO-4) for describing the interactions between society and the environment. It identifies similarities and differences among the issues/drivers and stakeholder perspectives. The model is being tested at each location and refined. The latest version was presented at the annual meeting, and participants were invited to provide feedback. The PAB appreciates that the model can be used to coordinate the SES activities within and across the universities, and to compare them to each other and over time. The PAB was concerned, however, that the model did not explicitly incorporate the societal or the researchers' responses to system impacts. The PAB recommends that the model explicitly incorporate responses to assess outputs and outcomes of SES management. The PAB also recommends simplifying the model to increase its transferability from the developers to the users.

Convening a Working Group to Identify Research that Includes Economists and Social Scientists

The project hired a new Social Scientist at BSU who provided course releases. The new faculty member attracted Social Science graduate students and is working on several projects toward the MILES research goals. Of particular interest, a well-integrated team of new faculty proposed an exciting interdisciplinary project entitled "Social-ecological Dynamics of Large Landscape Conservation in the High Divide". Other examples of projects involve understanding the social influences related to decision making for land conservation, or understanding the social decisions related to landscaping and water use. A presentation at the annual meeting showed continued progress in this area. Multiple faculty and graduate students in environmental science reported transformative expansion of their perspectives on environmental health and sustainability due to their human dimensions, as viewed through the lens of social science. The PAB regards this as a positive outgrowth of collaborations across the environmental and social sciences that are increasing the relevance of environmental research to social issues.

Hosting a Decision Support Workshop with Stakeholders

The current approach to problem solving with stakeholders was created as a result of the MILES program. Originally, the researchers created visualization and virtualization tools and used them to show the potential partners/stakeholders what was possible when these tools were used. Through workshops and iterative discussions with stakeholders, the researchers now approach stakeholders to ask, "What do you need to enhance your decision making?" The researchers have created over a dozen decision support visualization tools, based on the needs of the stakeholder. The datasets created for all of the projects are available in a statewide data management system, which can be accessed by others and allows the data to be referenced (an incentive for the researchers to contribute data).

Attachment 2

In addition, there is now an online platform for managing datasets about researchers and their work. This research explores relationships among researchers, publications, and research topics, providing insight to the researchers and leaders regarding potential resources for current and future collaborations.

The PAB was also pleased to hear that across all of the universities, many of the researchers are now well integrated (sometimes on the board) into local community organizations, such as local farm bureaus and environmental or government organizations.

Diversity

The project improved its already successful diversity efforts in Year 4 by hosting several activities to bolster the recruitment and retention of underserved communities. A new Working Group was organized and hosted a large workshop in the spring with a keynote presentation by Dr. Valerie Purdie-Vaughns from Columbia University. A new mentoring training program was initiated, and mentoring and diversity sessions were hosted at the annual meeting. Key partners were invited to present at these sessions, which were very well attended by faculty, students, post-doctorates, and staff. The Idaho Diversity Network has been collaborating with the Idaho Department of Labor, leading to the development of recommendations to the Governor's Workforce Development Council (WFDC) to assist in improving outreach to underrepresented populations. This fruitful collaboration has an ongoing focus on AWARENESS, ADVOCACY, TRAINING, and PROMOTION in an effort to increase the diversity of Idaho's workforce.

Update the Plan/timeline for Collaborative Use of Integrated Modeling

The PAB noted that the three site-specific integrated models appear to be well conceived and on track for timely completion. The aggressive completion timeline will require focused and dedicated attention to achieve deadlines. The comprehensive nature and potential value of these models to stakeholders makes their full completion an important contribution to the MILES legacy.

The full-project conceptual model, with suggested modifications, could be used to guide integration by identifying actions that are likely to increase the positive effect of integration on selected ecosystem services. This will require dissemination of the model among the faculty and graduate student researchers, which in turn will require joint management of the model. Leadership is needed among the researchers to apply the model and update it based on user feedback.

SUSTAINABILITY

The sustainability plans are critically important at the end of Year 4 of this RII Track 1 award. The PAB noted that there are some institutional plans underway to house the efforts of the researchers and educators at each of the three main research campuses. However, a big part of sustainability is gaining institutional commitments for resources that are no longer available through EPSCoR funding. The project is at risk of not meeting the goals of sustainability if the new faculty hires are not supported as the funding ends. This is especially important at Idaho State University where the faculty

are Non Tenure Track. Before the end of the award period, the Idaho EPSCoR Office, Idaho EPSCoR State Committee, and the ELT need to think about what materials should be prepared for various audiences that have a stake in retaining these highly productive faculty (state, institutional, stakeholders).

The project is also at risk of not meeting the goals of sustainability if the new relationships among researchers, government agencies, and environmental/educational NGOs are not nurtured. Some of these relationships have the clear potential to diversify the funding sources for applied SES science and technology.

The PAB commends the project for the transformation of research that has occurred since year one of this award. The PAB sees a significant cultural shift in the way the scientists are approaching SES research questions across the state. Researchers are talking with each other in a rich world of collaborative multi-disciplinary science, spanning physical, chemical, environmental, social, economics and more. The social sciences and physical sciences are thoroughly integrated, and the PAB is confident that this impact will be long-lasting. The social and environmental sciences are approaching highly meaningful and rewarding integration with real societal benefits. Participating local and regional agencies have expectations for continued university involvement. Backtracking on integrative, collaborative, place-based SES research would risk diminishing the university brand.

There is a strong need for ongoing institutional financial and other support for these collaborative SES activities. There has been important administrative turnover in the universities over the past few years, and future turnover will occur. It is important for the Idaho EPSCoR State Committee to provide guidance through these transitions to prevent interruptions to the highly successful and still formative SES collaborations.

Multi-investigator, large proposals have been submitted by two campus research centers, and the Idaho EPSCoR Office should help the third in identifying RFPs for future submissions. Perhaps creating a concept map of how these three centers' missions, resources, and tools overlap would help in defining areas for future collaborative work across the centers.

Several productive collaborative research projects are collecting preliminary data that can be used for proposal submissions. Many of these have been initiated by faculty who were hired into the MILES project. The EPSCoR office needs to provide financial support to enable these early career faculty to submit competitive proposals. This may take the form of travel funds to bring faculty together, funding for a grant writer or consultant, or other supports identified by these faculty.

Additionally, the PAB would like to see the project consider what sustainability looks like at each of the other partner sites, particularly the PUIs and community-based partners. Perhaps a working group could consider how these efforts will be sustained through key partnerships and by pursuing other funding sources. The community partners should be deeply involved in these discussions.

Tracking of the participants, specifically undergraduate and graduate students, will be important for documenting the longitudinal impact of MILES on the STEM pipeline for the State of Idaho. The Idaho

Attachment 2

STEM Pipeline, Career Information Systems, and IdahoWorks web sites are a good step toward providing pathways for students to stay in the STEM field. Tracking these online interactions in some manner will be important to documenting the long-term impact of MILES beyond Year 5. This could be accomplished by staff in the Idaho EPSCoR Office. Furthermore, the new and growing relationships between university researchers and their community partners can increase the profile of the universities among urban and suburban communities, and thereby expand the centers of instate recruitment from mainly rural/agricultural areas.

The relationships with myriad stakeholder groups in each of these regions will be a lasting legacy of the MILES project. Documentation of the processes that led to this meaningful engagement is being published, and the PAB encourages additional work in this area to ensure that lessons learned are shared broadly both within and beyond Idaho. The relationship with the Coeur d'Alene Tribe and the Shoshone-Bannock Tribes are both culturally and scientifically important, and documenting how these collaborative relationships were initiated, nurtured, and sustained would provide valuable insight for others who are engaging with diverse organizations to achieve a common research and education agenda that benefits all stakeholders.

CONCLUSION

The PAB found the MILES project to be on target with all objectives set forth in the Strategic Plan for Year 4. The leadership team was responsive to recommendations provided by the PAB and the NSF Site Visit during Year 3, incorporating changes to address each concern. Each project component is building a legacy through new faculty hires, stakeholder engagement, recruitment of diverse participants, and documentation of the processes used to reach success in integration of multiple groups toward a shared vision of SES for the State of Idaho.

APPENDIX A. PROJECT ADVISORY BOARD MEMBERS

Dr. Anna Waldron (Chair)

Associate Project Director, Missouri EPSCoR, University of Missouri

Dr. Josh Collins

Chief Scientist, San Francisco Estuary Institute and Aquatic Science Center

Mr. James Hoehn

Higher Education Consultant

Dr. Jeffrey Keay

Deputy Regional Director, Pacific Region, U.S. Geological Survey (ret.)

Dr. Sharon Nunes

Senior Executive, IBM (ret.)

SUBJECT

Graduate Medical Education – Committee Appointments

REFERENCE

December 5, 2017	Board approved a Graduate Medical Education 10-
	year plan.
June 2018	Board approved first reading of Board Policy III.C.
	Graduate Medical Education Committee.
August 2018	Board approved second reading of Board Policy III.C.
-	Graduate Medical Education Committee.

APPLICABLE STATUTE, RULE, OR POLICY

Idaho State Board of Education Governing Policies & Procedures, Section III.C.

ALIGNMENT WITH STRATEGIC PLAN

Goal 3 (Workforce Alignment), Objective B (Medical Education)

BACKGROUND/DISCUSSION

The Graduate Medical Education (GME) committee will play a vital role in the further refinement of the 10-year GME plan approved by the Board at the December 5, 2017 special Board meeting and the development of recommendations to the Board on the implementation of the plan.

Consistent with Board Policy III.C, the purpose of the GME Committee is to provide recommendations to the Board on ways to enhance graduate education in the state of Idaho and the development, implementation, and monitoring of the Board's graduate medical education short and long-term plans. The committee will report to the Board through the Instruction, Research and Student Affairs Committee.

A maximum of thirty (30) members can serve on the committee. All committee members are appointed by the Board. Committee members represent postsecondary institutions providing graduate medical education for Idaho, residency sites, the Idaho Medical Association, and the Office of the State Board of Education. Representatives from medical organizations will include a physician and an administrator. For this initial appointment cycle committee members will serve either a two- or four-year term to establish staggered terms of committee members. Future appointments and/or reappointments will maintain four-year terms.

A chair and vice-chair will be nominated and elected by the committee membership at its first meeting. The committee will be supported by the GME Coordinator, hired by the Board's Executive Director.

IMPACT

Approval of nominations will form the initial GME committee membership, which will provide the Board with recommendations on ways to enhance graduate

medical education in Idaho and implementation of the Board's graduate medical education plan.

ATTACHMENTS

Attachment 1 – Idaho GME Nominations – Two Year Terms Attachment 2 – Idaho GME Nominations – Four Year Terms Attachment 3 – Idaho GME Curriculum Vitae's (CV's)

STAFF COMMENTS AND RECOMMENDATIONS

Staff has reviewed qualifications of nominees and recommends approval.

BOARD ACTION

I move to approve the nominations of the Graduate Medical Education committee members provided in Attachment 1 for a two (2) year term, effective immediately and expiring on June 30, 2020.

Moved by _____ Seconded by _____ Carried Yes _____ No ____

AND

I move to approve the nominations of the Graduate Medical Education committee members provided in Attachment 2 for a four (4) year term, effective immediately and expiring on June 30, 2022.

Moved by _____ Seconded by _____ Carried Yes _____ No ____

Attachment 1

Institution	Program Director or (Designees)	Hospital Representative	Other Organizations	Expiration
Family Medicine Residency	St. Luke's	– Mark Roberts, MD		June 30, 2020
of Idaho	St. Alphonsus – Chad Boult, MD			June 30, 2020
	St. Luke's – Joshua Kern, MD			June 30, 2020
Coour d' Alono Esmilu	Dick McLandress, MD			June 30, 2020
Coeur d' Alene Family Medicine Residency		Jon Ness		June 30, 2020
		Andy Wilper, MD		June 30, 2020
University of Washington Psychiatry Program	Kirsten Aaland, MD			June 30, 2020
		Lee Biggs, DO		June 30, 2020
Idaho Hospital Association			Brian Whitlock	June 30, 2020
Office of State Board of Education			Randall Brumfield, EdD	No Expiration
University of Utah School of Medicine			Ben Chan, MD	June 30, 2020
West Valley Medical Center/HCA	Betsy Young Hunsicker			June 30, 2020

Attachment 2

Institution	Program Director or (Designees)	Hospital Representative	Other Organizations	Expiration
	Justin Glass, MD			June 30, 2022
Family Medicine Residency of Idaho	Kim Stutzman, MD			June 30, 2022
	St. Alphonsus – Sam	antha Portenier, MD		June 30, 2022
Idaho State University	Bill Woodhouse, MD			June 30, 2022
Family Medicine Residency	Dan Snell, MD			June 30, 2022
University of Washington Internal Medicine Residency	Moe Hagman, MD			June 30, 2022
Bingham Memorial	Shields Stutts, MD			June 30, 2022
Internal Medicine Residency		Jake Erickson		June 30, 2022
Eastern Idaho Regional Medical Center: Internal Medicine Residency Program	Doug Whatmore, MD			June 30, 2022
Office of State Board of Education			Randall Brumfield, EdD	No Expiry
Idaho Medical Association			Susie Pouliot	June 30, 2022
University of Washington school of Medicine			Mary Barinaga, MD	June 30, 2022
University College of Osteopathic Medicine			Kevin Wilson, DO	June 30, 2022

Attachment 3

Kirsten Rose Aaland, MD VA Hospital • 500 W Fort St. Bldg. 116 • Boise, ID 83702

EDUCATION			
	University of Florida College of Medicine Doctor of Medicine	Gainesville, FL May 2010	
	University of Florida <i>Bachelor of Science in Food Science and Human Nutrition, Cum Laude</i>	Gainesville, FL May 2006	
	University of Florida Bachelor of Arts in Spanish Language and Literature, Cum Laude	Gainesville, FL May 2006	
INTERNSHIP	AND RESIDENCY		
	University of Washington Department of Psychiatry and Behavioral Scienc Idaho Advanced Clinician Track	es, Seattle, WA 2010 - 2012	
	Psychiatry Resident Chief Resident	Boise, ID 2012 – 2014 2013	
EXPERIENCI	Ξ		
	Veterans Administration Hospital Staff Psychiatrist	Boise, ID 2014 – Present	
	Outpatient, triage, consult-liaison, and inpatient psychiatry.		
	University of Washington Psychiatry Residency Program Idaho Advanced Clinician Track	Boise, ID	
	Track DirectorMay 2016 – PresentResponsibilities include teaching and supervising Psychiatry residents, coordinating didacticcurriculum, coordinating rotations at the VA and community hospitals, faculty recruitment anddevelopment, building relationships with community partners, and overseeing new residentrecruitment.		
		2015 – April 2016	
	Responsibilities were the same.Assistant Track DirectorTaught and supervised Psychiatry residents, coordinated clinical rotations at the Medical center, and recruited and trained VA clinical supervisors.	- September 2015 Boise VA	
LICENSURE	Licensed in Alaska, since 2014 Licensed in Idaho, since 2014 A diplomate of the American Board of Psychiatry and Neurology, since 201	4	

PROFESSIONAL MEMBERSHIPS

Idaho Medical Association, member since 2015 Ada County Medical Society, member since 2015

Attachment 3

American Psychiatric Association, member since 2014 Idaho Psychiatric Association, member since 2014 American Group Psychotherapy Association, member since 2014

BOARDS AND COMMITTEES

Member, Boise VA Chief of Psychiatry Search Committee	August 2017 - Present
Secretary/Treasurer, Idaho Psychiatric Association Board of Directors	April 2017 - Present
Chair, Clinical Competency Committee, ID/UW Psychiatry Residency	Oct 2015 - Present
Chair, Curriculum Committee, ID/UW Psychiatry Residency	Oct 2015 - Present
Co-Chair, Clinical Competency Committee, ID/UW Psychiatry Residency	June 2015 - Oct 2015
Co-Chair, Curriculum Committee, ID/UW Psychiatry Residency	Mar 2015 - Oct 2015

PUBLICATIONS

Cowley DS, Keeble T, Jones J, Layton M, Murray SB, Williams K, Bakker C, et al. Educating Psychiatry Residents to Practice in Smaller Communities: A Regional Track Residency Model. Acad Psychiatry. 2016; 40(5), 846-849.

ABSTRACTS

Cowley DS, Keeble T, Jones J, Layton M, Murray SB, Williams K, Bakker C, et al. Educating Psychiatry Residents to Practice in Smaller Communities: A Regional Track Residency Model [abstract]. In: AADPRT Poster Presentation.; 2016 March 3-5; Austin, Texas.

NATIONAL PRESENTATIONS

Pascoe, Phaedra, Rich, Anne, Aaland, Kirsten, and Borghesani, Paul. "The Lone Psychiatrist: Preparing medical students and psychiatry residents for practicing with rural populations". Association of Academic Psychiatry Annual Meeting. Milwaukee, WI. September 5, 2018.

LOCAL PRESENTATIONS

Life After Residency: Navigating Licensure and Employment. *Psychiatry Resident Didactics.* VA Medical Center. Boise, Idaho. August 30, 2018.

Supervision and Case Presentation. *Psychiatry Resident Didactics*. VA Medical Center. Boise, Idaho. July 12, 2018.

Fibromyalgia and Chronic Pain. *Psychiatry Resident Didactics.* VA Medical Center. Boise, Idaho. March 29, 2018.

Teaching Learners How to Keep the Fire Alive: Focusing on wellness to replenish one's fuel and buffer burnout. *BaCHE (Building a Community of Health Educators) Faculty Development Series.* VA Medical Center. Boise, Idaho. March 22, 2018.

Principles in the care of Transgender and Intersex Patients. *Psychiatry Resident Didactics.* VA Medical Center. Boise, Idaho. December 7, 2017.

Principles in the care of Transgender and Intersex Patients Part 2. *Psychiatry Service Meeting.* VA Medical Center. Boise, Idaho. December 5, 2017.

Principles in the care of Transgender and Intersex Patients Part 1. *Psychiatry Service Meeting.* VA Medical Center. Boise, Idaho. November 21, 2017.

Psychiatric Residents as Teachers: Teaching to Learn. *Psychiatry Resident Didactics.* VA Medical Center. Boise, Idaho. August 10, 2017.

Keeping the Fire Alive: Replenishing Your Fuel and Avoiding Burnout. *Psychiatry Resident Didactics*. VA Medical Center. Boise, Idaho. July 20, 2017.

Supervision and Case Presentation. *Psychiatry Resident Didactics.* VA Medical Center. Boise, Idaho. July 13, 2017.

Attachment 3

The R3/R4 Difference: Supervision at Each Stage of Training. *Psychiatry Residency Supervision Training Group.* VA Medical Center. Boise, Idaho. June 12, 2017. **Stalking of the Mental Health Professional.** *Psychiatry Service Meeting.* VA Medical Center. Boise, Idaho. March 21, 2017.

Supervision. *Psychiatry Service Meeting.* VA Medical Center. Boise, Idaho. July 18, 2016. **Supervision and Case Presentation.** *Psychiatry Resident Didactics.* VA Medical Center. Boise, Idaho. July 14, 2016.

Kohut and Self-Psychology. *Psychiatry Resident* Didactics. VA Medical Center. Boise, Idaho. June 9, 2016.

Educating Psychiatry Residents to Practice in Smaller Communities: A Regional Track Residency Model. *AADPRT Poster Presentation.* Austin, Texas. March 4, 2016. **Fibromyalgia and Chronic Pain.** *Psychiatry Resident Didactics.* VA Medical Center. Boise,

Idaho. January 21, 2016. **Dreams.** *Social Work Didactics*. VA Medical Center. Boise, Idaho. December 8, 2015. **Professional Development.** *Psychiatry Resident Didactics*. VA Medical Center. Boise, Idaho. September 17, 2015.

Keeping the Fire Alive: Replenishing Your Fuel and Avoiding Burnout. *Psychiatry Resident Didactics.* VA Medical Center. Boise, Idaho. September 10, 2015.

Key Elements of a Functioning Integrated Care Team. *Social Work Didactics.* VA Medical Center. June 18, 2015.

Love Potion No. 9: The Chemicals of Passion, Intimacy, and Commitment. *Psychiatry Grand Rounds*. St. Alphonsus Hospital. Boise, Idaho. April 16, 2015.

Dreams: A Century since Freud. *Psychiatry Grand Rounds.* VA Hospital. Boise, Idaho. February 20, 2014.

Interdisciplinary Journal Clubs. *Psychiatry and Psychology Journal Club*. VA Hospital. Boise, Idaho. November 7, 2013.

Depression in the Primary Care Setting. *VA Nurse Practitioner Didactic*. VA Hospital. Boise, Idaho. October 9, 2013.

Buprenorphine as a Treatment for Opioid Addiction. *VA Case Conference*. VA Hospital. Boise, Idaho. September 26, 2013.

Mood Disorder Treatment Protocol Review. *Behavioral Health Conference*. Family Medicine Residency of Idaho. Boise, Idaho. September 19, 2013.

Treatment of Gambling Addiction. *VA Case Conference*. VA Hospital. Boise, Idaho. January 2013.

A Review of Medication Management of Bipolar Depression. *Harborview Noon Conference*. Harborview Medical Center. Seattle, Washington. October 2011.

ECT Induced Mania. *Harborview Noon Conference*. Harborview Medical Center. Seattle, Washington. August 2010.

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Curriculum Vitae

MARY ELIZABETH BARINAGA, MD, FAAFP

PERSONAL DATA

Professional Address	322 East Front Street, Suite 590
	Boise, Idaho 83702
	Direct Office 208-364-4548
EDUCATION	
1991 - 1995	Doctor of Medicine University of Washington School of Medicine, Seattle, WA
1987 - 1991	Bachelor of Science in Zoology, summa cum laude College of Idaho, Caldwell, ID

POSTGRADUATE TRAINING

1996 - 1998	Family Medicine Residency Family Practice Residency of Idaho, Inc., Boise, ID
1995 - 1996	Family Medicine Internship

PROFESSIONAL EXPERIENCE

2010 - Present	Assistant Dean for Regional Affairs and Idaho WWAMI Clinical Medical Education Coordinator University of Washington School of Medicine, Boise, ID
2010 - Present	Teaching Faculty and Staff Family Physician Family Medicine Residency of Idaho, Inc., Boise, ID
1998 - 2010	Staff Family Physician Benewah Medical Center, Plummer, ID

Family Practice Residency of Idaho, Inc., Boise, ID

FACULTY POSITIONS

2012 - 2017 IRSA	Assistant Clinical Professor, Department of Family Medicine TAB
0040 0045	
2017 – Present	Associate Clinical Professor, Department of Family Medicine University of Washington School of Medicine

Attachment 3

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University of Washington School of Medicine

2007 - 2012	Clinical Instructor, Department of Family Medicine
	University of Washington School of Medicine

BOARD CERTIFICATION

2015 -2025	Recertified, American Board of Family Medicine
2005 -2015	Recertified, American Board of Family Medicine
1998 -2005	American Board of Family Practice

LICENSURE AND OTHER CERTIFICATION

Idaho State Board of Medicine, M-7054 Idaho State Board of Medicine Supervising Physician License, SPHY-7054 Idaho State Board of Pharmacy Controlled Substance Registration, CS6895 Washington State Board of Medicine, 025209-MD00036315 U.S. Drug Enforcement Administration, BB5071927 Advanced Cardiac Life Support (ACLS)

Basic Life Support (BLS)

HONORS AND AWARDS

2012	College of Idaho Alumni Service Award
2008	"Team Spirit Award", Benewah Medical Center/Wellness Center, Plummer, ID
2007	"Spirit of Benewah Medical Center" Award, Benewah Medical Center/Wellness Center, Plummer, ID
2005	"Wellness and Fitness Award", Benewah Medical Center/Wellness Center, Plummer, ID

TEACHING EXPERIENCE

2010 - Present	Family Medicine Residents, Boise, ID
2010 - Present	Medical Students, Boise, ID
2003 - 2010	Medical Students, Plummer, ID
2003 - 2010	Family Medicine Residents, Plummer, ID
1998 - 2010	Physician Assistant Students, Plummer, ID

OCTOBER 18, 2018

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1998 - 2010

Nurse Practitioner Students, Plummer, ID

PROFESSIONAL ORGANIZATION MEMBERSHIP

National Organizations

American Academy of Family Physicians (AAFP)

- National Rural Health Association (NRHA)
- American Medical Association (AMA)

Society for Teachers of Family Medicine (STFM)

State Organizations

- Idaho Academy of Family Physicians (IAFP)
- Idaho Rural Health Association (IRHA)
- Idaho Area Health Education Center (AHEC) Advisory Board
- Idaho Medical Association

Ada County Medical Society

PROFESSIONAL SERVICE

Academic

University of Washington School of Medicine

2016- Present	Vice-Chair, Idaho WWAMI Advisory Board
2013 - Present	Co-Director of Idaho TRUST (Targeted Rural Underserved Track)
2012 - Present	Member, WWAMI Communications and Strategic Planning Committee
2010 - Present	Chair, Idaho Track Steering Committee
2010 - Present	Chair, Idaho WWAMI Admissions Oversight Committee
2007- 2011, 2013 - Present	Member, UWSOM Admissions Committee
2006 - Present	Medical Student Mentor, Underserved Pathway
2016 - 2018	Co-Chair, UW School of Medicine Liaison Committee on Medical Education (LCME) accreditation self-study committee focused on Admissions and Student Support
2016 - 2018	Member, Liaison Committee of Medical Education (LCME) Steering Committee2013
2016	Member, Search Committee Assistant Dean for Rural Programs
2016	Member, Search Committee for Student Career Advisor
2015	Member, USMLE Step 1 Preparation Course Work Group

IRSA

TRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3
Member, Time in Seattle Workgroup for Curriculum Renewal
Member, Special Program Workgroup for Curriculum Renewal
Member, Search Committee for UI WWAMI Director
Member, Search Committee for Center for Equity, Diversity and Inclusion (CEDI) Director
Member, Diversity Committee for Curriculum Renewal
Member, Visioning Committee for Curriculum Renewal
Member, Search Committee for UI WWAMI Associate Director
Member, Boise State College of Health Sciences Strategic Directions Committee
Member, Second Year of WWAMI in the Region Subcommittee for Curriculum Renewal
Member, WRITE Steering Committee
Member, Required Clerkship Committee
Member, Elective Clerkship Committee

Family Medicine Residency of Idaho, Inc.

2010 - Present	Member, FMRI Graduate Medical Education Committee
2010 - Present	Member, FMRI Graduate Meurcai Education Committee

Professional

National Rural Health Association

2010 - 2017	Member, Executive Committee, Rural Medical Educators
2016-2017	Immediate-Past Chair of Rural Medical Educators
2015 - 2016	Senior Co-Chair of Rural Medical Educators
2014 - 2015	Junior Co-Chair of Rural Medical Educators

American Academy of Family Physicians

2016- Present	Vice-Chair, Rural Health Member Interest Group
2015-2016	Secretary, Rural Health Member Interest Group
2014 - Present	Idaho Delegate, Congress of Delegates
2014 - Present	Member, Rural Health Member Interest Group
2017-2018	Chair, Reference Committee on Advocacy, Congress of Delegates

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS
OCTOBER 18, 2018Attachment 32016- 2018Member, Reference Committee on Advocacy, Congress of Delegates2013 - 2014Idaho Alternate Delegate, Congress of Delegates

Idaho Academy of Family Physicians

2012 - Present	Treasurer
2006 - Present	Director, Board of Directors
2011 - 2012	President
2010 - 2011	President-Elect

Idaho Rural Health Association

2017- Present	President, Board of Directors
2016-Present	President-Elect, Board of Directors
2014 - Present	Director, Board of Directors

Idaho Medical Association

2017 – Present	Co-Chair, Medical Education Affairs Committee
2015 - Present	Trustee, District 4B, Board of Trustees
2010 - Present	Delegate, House of Delegates
2010 - 2017	Member, Medical Education Affairs Committee

Ada County Medical Society

2015 - Present Ex Officio Director, Board of Directors

Idaho Area Health Education Center (AHEC)

2010 - 2017Director, Advisory Board of Directors

Southwest Idaho Area Health Education Center (AHEC)

2017- Present Director, Advisory Board of Directors

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

Idaho Department of Health and Welfare

2012 - 2017 Member, Rural Health Care Access and Physician Incentive Program Grant Review Board

Saint Alphonsus Regional Medical Center

2010 - Present Member, Graduate Medical Education Committee

St. Luke's Health System

2010 - Present Member, Graduate Medical Education Committee

Idaho State Board of Education

2011 - 2012	Chair, Rural Physician Incentive Program Committee
2010 - 2012	Member, Rural Physician Incentive Program Committee

Idaho Primary Care Association

2010 - 2012 Member, Idaho SEARCH Program Comm	ittee
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Benewah Medical Center

2008 - 2010	Electronic Health Record Implementation Physician Leader
2000 - 2010	Clinical Advisor, Radiology Department
1999 - 2010	Director, Asthma Management Quality Improvement Program
1998 - 2010	Member, Pharmacy and Therapeutics Committee

CIVIC AND COMMUNITY ACTIVITIES

2018- Present	Volunteer Physician for High School Sports Physicals, Boise, ID
2013 - Present	Volunteer Physician and Preceptor, Marie Blanchard Friendship Clinic, Boise, ID
2011 - Present	Volunteer Physician, Garden City Community Free Clinic, Garden City, ID
2010 - Present	Member, Boise Metro Chamber of Commerce, Boise, ID
2010 - Present	Member, Euzkaldunak Boise Basque Club, Boise, ID
2010 - 2018	Presenter, Tar Wars Smoking Prevention Program
2011 - 2013	Member, Leadership Boise, Boise Metro Chamber of Commerce, Boise, ID
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2001 - 2003

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS

OCTOBER 18, 2018

Attachment 3

Volunteer Physician, St. Maries Volunteer Free Clinic, St. Maries, ID

PRESENTATIONS

Academic	
August 2018	Idaho Medical Association 2018 Annual Meeting, Sun Valley, Idaho. Faculty development presentation "Practical Tips and Tools for Teaching in Clinic"
October 2017	Consortium for Longitudinal Integrated Clerkships (CLIC) International Conference, Singapore, Republic of Singapore. Presentation "Leadership training for future rural physicians in University of Washington School of Medicine's Targeted Rural Underserved Track (TRUST)"
October 2017	Consortium for Longitudinal Integrated Clerkships (CLIC) International Conference, Singapore, Republic of Singapore. Innovations poster "TRUST and RTT training to create a Rural/Underserved Physician Pipeline in the WWAMI Region"
May 2017	Rural Medical Educators Annual Meeting, National Rural Health Association, San Diego, CA. Led PeArLS (Personally Arranged Learning Sessions) "Leadership curriculum for rural track students (TRUST)"
October 2016	Consortium for Longitudinal Integrated Clerkships (CLIC) International Conference, Toronto, Ontario, Canada. Innovations poster "The Best of Both Worlds: LIC Training at an Idaho Site Providing both Rural and Urban Exposure for Students"
October 2015	Consortium for Longitudinal Integrated Clerkships (CLIC) International Conference, Ashville, NC. Innovations poster "WRITE and RTT Training at a Unique Rural Site in Idaho"
April 2015	Rural Medical Educators Annual Meeting, National Rural Health Association, Philadelphia, PA. Presentation "Building Leadership Skills for Improved Rural/Underserved Health"
February 2014	Rural Medical Educators Conclave of the National Rural Health Association, Spokane, WA. Presentation "The Rural Underserved Opportunities Program"
September 2013	Consortium for Longitudinal Integrated Clerkships (CLIC) International Conference, Big Sky, MT. Presentation "Engaging Medical Students and Community through Longitudinal Integrated Clerkships in the WRITE Program"
April 2013	Rural Medical Educators Annual Meeting, National Rural Health Association, Louisville, KY. Presentation "Using Technology to do Balant Sessions in the WRITE Program"
April 2013	Association of American Medical College's (AAMC) Group on Regional Medical Campuses Spring Meeting, Atlantic City, NJ. Presentation "Community Engagement at Regional Campuses through Meaningful Longitudinal Experiences"
September 2012	Rendezvous-Consortium for Longitudinal Integrated Clerkships (CLIC), Thunder Bay, Ontario, Canada. Presentation "Community Engagement: The UWSOM's TRUST Program. Integrating Rural Communities with Medical Students Over a Four-Year Rural Longitudinal Medical School Curriculum"
April 2011- 2013	Third- Year Medical Students, Careers in Medicine, Boise, ID

Legislative/State Agency

- OCTOBER 18, 2018Attachment 3February 2018Presentation to Senate Education Committee of the Idaho State Legislature, "Idaho WWAMI
Update: Idaho's Medical School for 46 Years", Boise, ID
- January 2018 Presentation to the Joint Finance Appropriations Committee of the Idaho State Legislature, "Health Education FY19 Budget Request for Idaho WWAMI"
- February 2017Presentation to Senate Education Committee of the Idaho State Legislature, "Idaho WWAMI
Update: Idaho's Medical School for 45 Years", Boise, ID
- January 2017 Presentation to the Joint Finance Appropriations Committee of the Idaho State Legislature, "Health Education FY18 Budget Request for Idaho WWAMI"
- September 2016 Provided testimony to Healthcare Alternatives Working Group of the Idaho State Legislature, Boise, ID
- February 2016 Presentation to Senate Education Committee of the Idaho State Legislature, "Idaho WWAMI Update", Boise, ID
- January 2016 Presentation to Joint Finance Appropriations Committee of the Idaho State Legislature "Addressing Idaho's Physician Workforce Needs: WWAMI Expansion and the TRUST Program", Boise, ID
- April 2015 Presentation to Idaho State Board of Education "UWSOM Curriculum Renewal", Moscow, ID
- February 2015Presentation to Senate Education Committee of the Idaho State Legislature "WWAMI 2015:
43 Years of Medical Education in Idaho", Boise, ID
- January 2015 Presentation to Joint Finance Appropriations Committee of the Idaho State Legislature "Addressing Idaho's Physician Workforce Needs", Boise, ID
- April 2014 Presentation to Idaho State Board of Education "UWSOM Curriculum Renewal", Boise, ID
- January 2014 Presentation to Joint Finance Appropriations Committee of the Idaho State Legislature "Addressing Idaho's Physician Workforce Needs: WWAMI Expansion and the TRUST Program", Boise, ID
- January 2014 Presentation to Senate Education Committee of the Idaho State Legislature "Addressing Idaho's Physician Workforce Needs", Boise, ID
- January 2013 Presentation to Joint Finance Appropriations Committee of the Idaho State Legislature "Addressing Idaho's Physician Workforce Needs: WWAMI and TRUST", Boise, ID

January 2012Presentation to Joint Finance Appropriations Committee of the Idaho State Legislature
"WWAMI Office of Graduate Medical Education – Idaho", Boise, ID

R. Lee Biggs DO, MPH, FACOG, CPE

EDUCATION	Philadelphia College of Osteopathic Medicine Philadelphia, PA Doctor of Osteopathic Medicine (DO) - 2000
	George Washington University Washington, DC Master of Public Health (MPH) - 1995
	North Carolina State University Raleigh, NC Bachelor of Science in Zoology (BS) - 1991
GRADUATE MEDICAL EDUCATION	Residency: Obstetrics & Gynecology Naval Medical Center Portsmouth, Virginia (2003–2007)
	Internship: General Surgery Naval Medical Center Portsmouth, Virginia (2000 – 2001)
MEDICAL LICENSURE	North Carolina Board of Medicine, 2002 – Active Virginia Board of Medicine, 2002 – Active
BOARD CERTIFICATION	Diplomate, American Board of Obstetrics & Gynecology Fellow, American College of Obstetricians & Gynecologists (FACOG) American College of Physician Executives- Certified Physician Executive (CPE)
PRACTICE LOCATIONS	Chief Medical Officer Hospital Corporation of America (HCA) Eastern Idaho Regional Medical Center, Idaho Falls ID (7/2017 – Present)
	U.S. Naval Hospital Naples, Italy (7/2015 – 6/2017) Staff Physician, Dept of Ob/Gyn
	Naval Medical Center Portsmouth, VA (9/2012 – 6/2015) Staff Physician, Dept of Ob/Gyn
	Sentara-Obici Hospital, Suffolk, VA (1/2013 – 1/2016) Staff Physician, Dept of Ob/Gyn, Locums Coverage

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PRACTICE LOCATIONS	Southampton Memorial Hospital, Franklin, VA (1/2013 – 1/2016) Staff Physician, Dept of Ob/Gyn, Locums Coverage	
	Mission-McDowell Hospital, Marion, NC (7/2012 – 5/2015) Staff Physician, Dept of Ob/Gyn, Locums Coverage	
	Naval Hospital Beaufort, SC, (8/2009 – 8/2012) Staff Physician, Dept of Ob/Gyn	
	Beaufort Memorial Hospital, (8/2009 – 8/2012) Staff Physician, Dept of Ob/Gyn	
	U.S. Naval Hospital Guam, (8/2007 – 8/2009) Staff Physician, Dept of Ob/Gyn	
	Guam Memorial Hospital, (5/2008 – 8/2009) Staff Physician, Dept of Ob/Gyn, Locums Coverage	
TRAINING CERTIFICATION	BLS, ACLS, NRP, ATLS, ALSO	
IT/EHR SYSTEM FLUENCY	Cerner, Epic, Meditech, OB TraceVue, Centricity	
PROFESSIONAL AFFILIATIONS	American College of Obstetrics & Gynecology, 2003 – present American College of Physician Executives, 2011 - present Association of Military Surgeons of the United States, 1997 - present	
PUBLICATIONS	Biggs RL, Douglas D, O'Boyle A: The impact of pregnancy on the individual and military organization: a postpartum active duty survey. <i>Journal of Military Medicine</i> 2009;174(1):61-75.	
	Biggs RL, Magann EF, O'Boyle JD: Concurrent interstitial ectopic pregnancy & appendicitis. <i>Journal of Reproductive Medicine</i> 2008;53:378-381.	
	Biggs RL, Niederhauser A, Busch JM: Retained gallstones after laparoscopic cholecystectomy as a cause of chronic pelvic pain. <i>J Pelvic Med Surg</i> 2006;12:165-168.	
	Biggs RL, O'Boyle JD: Women's Healthcare in the US Military: Women Serving on Naval Warships. Department of Defense, Office of the Surgeon General, US Army, Borden Institute, Bethesda MD 2006.	
	Biggs RL, Lucha PA, Stoll PM: Anal Duct Carcinoma: a case report, review of the literature and experience of the American Osteopathic College of Proctology	

Attachment 3

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INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

Biggs RL: Hypercapnic Respiratory Acidosis: Infusion of Alkali Buffer (THAM) as a Treatment Option. *Journal of the Pennsylvania Osteopathic Medical Association* 1999;43:19-22.

HONORS & AWARDS2009 Department of Defense (DoD) Patient Safety Award:
Achieving Patient Safety in Obstetrics: An Obstetric Safety Team Initiative
Chief Resident, Ob/Gyn, Naval Medical Center Portsmouth (2006 - 2007)
Resident for Special Excellence in Endoscopic Procedures, Journal of Minimally
Invasive Gynecology, 2007

Attachment 3

CURRICULUM VITAE

Charles E. (Chad) Boult, M.D., M.P.H., M.B.A.

EDUCATION AND TRAINING

Degrees		
H.S.	1966	Sault Ste. Marie High School (Michigan)
B.A.	1970	Albion College (Michigan)
M.D.	1974	Wayne State University School of Medicine (Michigan)
M.P.H.	1989	University of Minnesota School of Public Health / Epidemiology
M.B.A.	2000	University of Minnesota Carlson School of Management

Postdoctoral Training

Internship in internal medicine, Grace Hospital, Detroit, MI, 1974-1975 Residency in family practice, University of Vermont, Burlington, VT, 1975-1978 Fellowship in research methods, University of Minnesota, Minneapolis, MN, 1987-1989 Fellowship in clinical geriatrics, Brown University, Providence, RI, 1989-1990 Fellowship in educational methods, Minnesota Area Geriatrics Educational Center (MAGEC),

University of Minnesota, Minneapolis, MN, 1988-1989, 1990-1991 Health and Aging Policy Fellowship, Columbia University, New York, NY, 2009-2010

Medical Licensure

State of Maryland Medicine and Surgery License Number D0057945; expires 09-30-2014

Medical Board Certification

Diplomate, American Board of Family Practice, 1979; re-certified 1986, 1993, 2000, 2007 Certificate of Additional Qualification in Geriatric Medicine, 1988; re-certified 1998, 2008 Eligible, American Board of Preventive Medicine, 1990 Diplomate, American Board of Emergency Medicine, 1982

HONORS AND AWARDS

Honors
Valedictorian of high school class, 1966
Phi Beta Kappa, 1970
Magna Cum Laude, Albion College, 1970
Intern of the Year, 1974-75
Phi Kappa Phi (national graduate school honor society), 1989

Awards
Excellence in Research award, American Geriatrics Society, 2000
First Runner-Up, Research Presentations, American Academy of Family Physicians Scientific Assembly, 2007
David H. Solomon Geriatrics Leadership Award, UCLA, 2008
Excellence in Program Innovation (Guided Care), American Public Health Association, 2008

Medical Economics Award for Innovation in Practice Improvement (Guided Care), American Academy of Family Physicians, 2009 Distinguished Professorship, Academic Geriatric Resource Center, UCLA, 2011

PROFESSIONAL POSITIONS

Academic Appointments

- Visiting Professor, March-April 2012, Department of Social and Preventive Medicine, University of Otago, Dunedin, New Zealand
- Senior Advisor, 2010-2011, Center for Medicare and Medicaid Innovation, Centers for Medicare and Medicaid Services, U.S. Department of Health and Human Services
- Professor, 2001-2012, Department of Health Policy and Management, Bloomberg School of Public Health (with Joint Appointments in the Schools of Nursing and Medicine), Johns Hopkins University
- Professor, 2000-2001, Departments of Family Practice and Community Health and Medicine, University of Minnesota Medical School
- Adjunct Associate Professor, 1996-2001, Institute for Health Services Research, School of Public Health, University of Minnesota
- Associate member, faculty, 1996-2001, Division of Epidemiology, School of Public Health, University of Minnesota
- Associate Professor, 1995-2000, Department of Family Practice and Community Health, University of Minnesota Medical School
- Examining member, 1994-2001, Graduate Minor Program in Gerontology, University of Minnesota Graduate School
- Assistant Professor, 1990-2000, Department of Family Practice and Community Health, University of Minnesota Medical School
- Assistant Professor, 1985-1987, Department of Community and Family Medicine, University of California San Diego Medical School
- Assistant Clinical Professor, 1981-1985, Department of Family Medicine, Case Western Reserve University

Leadership Positions

- Medical Director: Geriatrics, palliative care and house calls services, St. Alphonsus Healthcare System, 2015 present
- International healthcare improvement consultant, full-time 2014-2015
- Director, Improving Healthcare Systems program, Patient-Centered Outcomes Research Institute, 2012-2013
- Director, Lipitz Center for Integrated Health Care, Department of Health Policy and Management, Bloomberg School of Public Health, Johns Hopkins University, 2001-2010
- Director, Health Services Research, Division of Geriatric Medicine and Gerontology, Department of Medicine, School of Medicine, Johns Hopkins University, 2003-2006
- Director, Aging and Geriatric Medicine program, University of Minnesota Medical School, 2000-2001

Co-director, Office of Primary Care, University of Minnesota Medical School, 1997-1998

Co-director for outreach and training, Research Data Assistance Center (HCFA), University of

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Minnesota, 1996-1998

Research director, Center on Aging, University of Minnesota, 1995-1998

Medical director, Geriatric Evaluation and Management (GEM) Program, Department of Family Practice and Community Health, University of Minnesota Medical School, 1993-1996

Medical director, geriatrics clinic, University of Minnesota Hospital and Clinic and Department of Family Practice and Community Health, University of Minnesota Medical School, 1991-1993

Director, geriatrics fellowship, UCSD School of Medicine, 1986-1987

Director, family practice residency and Family Medical Center, UCSD School of Medicine, 1985-1987

Associate director, family practice residency, Case Western Reserve University School of Medicine (Fairview General Hospital), 1982-1985

Private Consultations

International:

- Italy
- United Kingdom
- Mexico
- Spain
- Canada
- Germany
- Israel
- Singapore
- New Zealand
- Netherlands
- Denmark
- China
- Australia
- South Korea

United States:

- Patient-Centered Outcomes Research Institute (PCORI)
- National Transitions of Care Collaborative (NTOCC)
- SCAN Health Plan
- Kaiser Permanente
- National Institute on Aging
- United HealthCare
- Blue Cross Blue Shield Association of America
- American Geriatrics Society
- Institute for Healthcare Improvement (IHI)
- Department of Veterans Affairs, Health Services Research and Development Service
- Social HMO II Project (HCFA)
- Nutritional Screening Initiative
- National Association of Directors of Nursing Administration
- Commonwealth Fund, New York, NY

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- Scripps Clinic, La Jolla, CA
- State University of New York at Buffalo, Buffalo, NY
- University of Puerto Rico, San Juan, PR
- Albert Einstein Medical Center, Philadelphia, PA
- Independence Blue Cross, Philadelphia, PA
- Blue Cross of California
- Sierra Health Services, Reno, NV
- Blue Shield of California
- Jewish Family and Children's Services, San Francisco, CA
- Metropolitan Jewish Health Care Services, Brooklyn, NY
- Metropolitan Health Plan, Minneapolis, MN
- California Pacific Medical Services Organization, San Francisco, CA
- Group Health Cooperative of Puget Sound, Seattle, WA
- Hennepin County Department of Human Services, Minneapolis, Minnesota
- UCare Minnesota, Minneapolis, MN
- Cigna HealthCare, Oakland, CA

OTHER PROFESSIONAL ACTIVITIES

Society Memberships AcademyHealth Delta Omega Honorary Society American Academy of Family Physicians American Public Health Association (APHA) Gerontological Health Section, Councilor American Geriatrics Society (AGS) Health Care Systems Committee, 1998-1999, 2001-2006 Representative, Association of Directors of Geriatric Academic Programs, 2005-2006 Clinical Practice Committee, 1995-1999 Public Policy Committee, 1988-1991 Gerontological Society of America (GSA) **Epidemiology Interest Group** American College of Physician Executives (ACPE) Minnesota Medical Association (MMA) Minority Affairs Committee, 2001 Committee on Ethics and Medical-Legal Affairs, 1997-2000 Public Health Committee, 1996-1997 Ramsey Medical Society (RMS) Professionalism and Ethics Council, Chair, 1997-1999 Board of Directors, 1996-1999 Community Relations Committee, 1994-1997 Minnesota Gerontological Society Research, Education and Practice Committee, 1991-1999 Society of Teachers of Family Medicine (STFM) Working Group on Cost-Effectiveness, 1985-1987

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Participation on Advisory Panels

- Case Management Society of America, National Transitions of Care Coalition to improve the quality of care between health care settings, 2006-2012
- California Health Care Foundation, development of strategy for funding efforts to improve the health care of older people, 2000-2005
- Geriatric Research, Education and Clinical Center (GRECC), Veterans Administration Medical Center, Minneapolis, MN, strategic planning, 2000-2001
- Robert Wood Johnson Foundation, development of initiatives for improving systems of health care for chronically ill people, 1998-1999
- Rand Corporation, development of adult global quality assessment tools for managed care, 1997
- National Institute on Aging / National Center for Health Statistics, development of the Longitudinal Study of Aging II, 1996
- Allina Health System, Minneapolis, MN, development of strategic plan for geriatrics, 1996
- Robert Wood Johnson Foundation / American Association of Health Plans, development of technology and guidelines for case management in Medicare HMOs, 1995-1997
- Robert Wood Johnson Foundation and the State of Minnesota's Department of Human Services, development of the Minnesota Senior Health Options (formerly Long-Term Care Options) Project to integrate funding and delivery of acute and long-term care, 1994-1996

Agency for Health Care Policy and Research, Special Emphasis Panels, 1994-1995

National Institute on Aging, development of funding priorities to support research on promoting functional independence in older persons, 1994

Inventions

- Developed (1992) and validated the PraTM, a questionnaire for identifying members of older populations who are at high risk for hospital admission in the future. The PraTM is widely used by Medicare Advantage plans.
- Developed (1995) the ElderHealth Answers,TM a software package for managing and scoring data collected using the Pra.TM
- Developed (1996) the PraPlus Questionnaire and Telephone Survey[™], an expanded instrument for identifying members of older populations who are at high risk for hospital admission in the future. More than 250 health care organizations have licensed the PraPlus[™] for use in their screening activities.

Testimony

Minnesota Senate, 2001 Minnesota House of Representatives, 2001

EDITORIAL ACTIVITIES

Peer Review Activities

Review of manuscripts for scientific journals: The New England Journal of Medicine, 2015-The Journal of Applied Gerontology, 2011-Health Affairs, 2009-Geriatric Nursing, 2009-Annals of Internal Medicine, 2003-

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Critical Reviews in Oncology and Hematology, 2002-Medical Care, 2001-International Journal of Aging and Human Development, 2001-The Journal of Gerontology: Social Sciences, 2001-The Journal of Health Care for the Poor and Underserved, 2001-The American Journal of Public Health, 2000-The Journal of General Internal Medicine, 2000-The Milbank Quarterly, 1999-PharmacoEconomics, 1999-The American Journal of Managed Care, 1999-Health Services Research, 1997-The Journals of Gerontology: Medical Sciences, 1997-The Archives of Family Medicine, 1996-The Archives of Internal Medicine, 1995-The Journal of the American Medical Association, 1995-The Journal of Aging and Health, 1994-The Journal of the American Geriatrics Society, 1994-The Gerontologist, 1992-

Review of abstracts for presentations at annual scientific meetings: American Public Health Association 1999 American Association of Medical Colleges 1998 Geriatric Society of America 1997, 1998 American Geriatric Society 1994, 1996

Study Sections

Loan Repayment Program, National Institute on Aging, 2006-Beeson-K Award Special Emphasis Panel, National Institute on Aging, 2004-2005 Special Emphasis Panel, National Institute on Aging, 2003-2004 Health Systems Research Study Section, Agency for Healthcare Research and Quality, 2002-2004 Special Emphasis Panels, Agency for Health Care Policy and Research, 1994-1995

Editorships

Editor, "Models and Systems of Geriatric Care" section, Journal of the American Geriatrics Society, 2002-2005

Editor, "Models of Care" series, Journal of the American Geriatrics Society, 2000-2002

Editorial Board Membership

Member, Editorial Board, Journal of the American Geriatrics Society, 1998-

Ad Hoc Review of Proposals

The Canada Foundation for Innovation, 2006 The Langeloth Foundation, 2003-2004 The Wellcome Trust, 2000 The UCare Foundation, 2000-2001 The California Health Care Foundation, 1999-2003 The American Federation for Aging Research (AFAR), 1995

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The Allegheny-Singer Research Institute, 1994

The Robert Wood Johnson Foundation (RWJF), 1993-1999 The American Academy of Family Physicians Grant Awards Program, 1992-1998

PUBLICATIONS

Journal Articles

- 1. Reuben DB, Gazarian PhD, Alexander N, Araujo K, Baker D, Bean, JF, **Boult C**, et al. The STRIDE Intervention: Falls Risk Factor Management, Patient Engagement and Nurse Co-management. J Am Geriatr Soc 2017;65(12):2733-2739.
- 2. Boyd CM, Giovannetti ER, **Boult** C et al. Health care task difficulty among older adults with multimorbidity. Med Care 2014;52 Suppl 3:S118-25.
- 3. Giovannetti ER, Reider L, Wolff JL, Frick KD, **Boult C**, Steinwachs D, Boyd CM. Do older patients and their family caregivers agree about the quality of chronic illness care? Int J Qual Health Care 2013;25(5):515-24.
- Marsteller JA, Hsu YJ, Wen M, Wolff J, Frick K, Reider L, Scharfstein D, Boyd C, Leff B, Schwartz L, Karm L, Boult C. Effects of Guided Care on providers' satisfaction with care: A three-year matched-pair cluster-randomized trial. Popul Health Manag 2013,16(5):317-25.
- Boult C, Leff B, Boyd CM, Wolff JL, Marsteller JA, Frick KD, Wegener S, Reider L, Frey K, Mroz TM, Karm L, Scharfstein DO. A matched-pair cluster-randomized trial of Guided Care for high-risk older patients. J Gen Intern Med 2013;28(5):612-621.
- Dattalo M, Giovannetti D, Scharfstein DO, Boult C, Wegener S, Wolff JL, Leff B, Frick, K, Reider L, Frey K, Noronha G, Boyd CM. Who participates in chronic disease selfmanagement (CDSM) programs? CDSM participants and non-participants in a population of multi-morbid older adults. Med Care 2012;50(12):1071-5.
- Giovannetti ER, Wolff JL, Xue Q, Weiss CO, Leff B, Boult C, Hughes T, Boyd CM. Difficulty assisting with health care tasks among caregivers of multi-morbid older adults. J Gen Intern Med 2012 Jan;27(1):37-44.
- 8. **Boult C**, Reider L, Leff B, Frick KD, Boyd CM, Wolff JL, Frey K, Karm L, Wegener ST, Mroz T, Scharfstein DO. The effect of Guided Care teams on the use of health services: results from a cluster-randomized trial. Arch Intern Med 2011;171(5):460-466.
- 9. Skolasky RL, Green AF, Reider L, Scharfstein D, **Boult C**, Wegener ST. Psychometric properties of the Patient Activation Measure among multi-morbid older adults. Health Serv Res 2011;46(2):457-478.
- 10. **Boult C,** Wieland GD. Comprehensive primary care for older patients with multiple chronic conditions. JAMA 2010;304(17):1936-1943.
- Marsteller J, Hsu Y-J, Reider L, Frey K, Wolff J, Boyd C, Leff B, Karm L, Scharfstein D, Boult C. Physician satisfaction with chronic care: a randomized trial of Guided Care. Ann Fam Med 2010;8:305-315.
- 12. **Boult C,** Counsell SR, Leipzig RM, Berenson RA. The urgency of preparing primary care physicians to care for older people with chronic illnesses. Health Affairs 2010;29(5):811-818.
- 13. Arbaje AI, Maron DD, Yu Q, Wendel VI, Tanner E, **Boult C**, Durso SC. The Geriatric Floating Interdisciplinary Transition Team. J Am Geriatr Soc 2010;58(2):364-70.
- 14. Boyd CM, Reider L, Frey K, Scharfstein D, Leff B, Wolff J, Groves C, Karm L, Wegener

S, Marsteller J, **Boult C**. The Effects of Guided Care on the Perceived Quality of Health Care for Multi-morbid Older Persons: 18-Month Outcomes from a Cluster-Randomized Controlled Trial. J Gen Intern Med 2010;25(3):235-242.

- 15. Stock S, Tebest R, Reider L, **Boult C**. The challenge of dementia: a framework for the modeling of future care structures. Monitor Versorgungforschung 2010;1:25-30.
- 16. Rand-Giovannetti E, Wolff JL, Frick K, **Boult C**. Construct validity of the Work Productivity and Activity Impairment Questionnaire across informal caregivers of chronically ill older patients. Value in Health 2009;12(6):1011-7.
- Boult C, Green AF, Boult LB, Pacala JT, Snyder C, Leff B. Successful models of comprehensive care for older adults with chronic conditions: evidence for the Institute of Medicine's "Retooling for an Aging America" report. J Am Geriatr Soc 2009;57(12):2328-2337.
- 18. Giddens JF, Tanner E, Frey K, Reider L, **Boult C**. Expanding the Gerontological Nursing Role in Guided Care. Geriatric Nursing 2009;30(5):358-364.
- Wolff JL, Giovannetti ER, Boyd CM, Reider L, Palmer S, Scharfstein D, Marsteller J, Wegener S, Frey K, Leff B, **Boult C**. Effects of Guided Care on family caregivers. Gerontologist 2010;50(4):459-470.
- 20. Young Y, Fan MY, Hebel JR, **Boult C**. Concurrent validity of administering the Functional Independence Measure (FIM[™]) instrument by interview. Am J Phys Med Rehabil 2009;88(9):766-70.
- 21. Leff B, Reider L, Frick KD, Scharfstein D, Boyd CM, Frey K, Karm L, **Boult C**. "Guided Care" and the cost of complex health care. Am J Manag Care 2009;15(8):555-559.
- Wolff JL, Rand-Giovannetti E, Palmer S, Wegener S, Reider L, Frey K, Boult C. Caregiving and chronic care: the Guided Care program for families and friends. J Gerontol Med Sci 2009; 64A(7):785-791.
- 23. Famadas JC, Frick KD, Haydar ZR, Nicewander D, Ballard D, **Boult C**. The effects of interdisciplinary outpatient geriatrics on the use, costs, and quality of health services in the fee-for-service environment. Aging Clin Exp Res 2008;20(6):556-561.
- 24. Arbaje AI, Wolff JL, Yu Q, Powe NR, Anderson GF, **Boult CE**. Post-discharge environmental and socioeconomic factors and the likelihood of early hospital readmission among community-dwelling Medicare beneficiaries. Gerontologist 2008;48(4):495-504.
- 25. **Boult C**, Christmas C, Durso SC, Leff B, Boult L, Fried LP. Transforming chronic care for older persons. Acad Med 2008;83(7):627-631.
- 26. Aliotta S, Grieve K, Giddens JF, Dunbar L, Groves C, Frey K, **Boult C**. Guided Care: a new frontier for adults with chronic conditions. Prof Case Manag 2008;13(3):151-158.
- 27. Conwell L, **Boult C**. The effects of complications and comorbidities on the quality of preventive diabetes care: a literature review. Population Health Manag 2008:11(4):217-228.
- 28. Hsiao CJ, **Boult C**. The effects of quality on outcomes in primary care: a review of the literature. Am J Med Quality 2008;23(4):302-310.
- 29. Boyd CM, Shadmi E, Conwell LJ, Griswold M, Leff B, Brager R, Sylvia M, **Boult C**. A pilot test of the effect of Guided Care on the quality of primary care experiences for multi-morbid older adults. J Gen Intern Med. 2008;23(5):536-42.
- 30. Boult C, Reider L, Frey K, Leff B, Boyd C, Wegener S, Marsteller J, Karm L, Scharfstein D. Early effects of Guided Care on the quality of health care for multimorbid older persons: a cluster-randomized controlled trial. J Gerontol Med Sci 2008;63A(3):321-27.

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- 31. Sylvia ML, Griswold M, Dunbar L, Park M, **Boult C**. Guided Care: cost and utilization outcomes in a pilot study. Disease Manag 2008;11(1):29-36.
- 32. Boyd CM, **Boult C**, Shadmi E, Leff B, Brager R, Dunbar L, Wolff JL. Guided Care for multi-morbid older adults. Gerontologist 2007;47(5):697-704.
- 33. McNabney MK, Wolff JL, Semanick LM, **Boult C**, Kasper J. Care needs of high-functioning nursing home residents. J Am Med Dir Assoc 2007;8(6):409-412.
- 34. Wagner JT, Bachmann LM, Boult C, Harari D, von Renteln-Kruse W, Egger M, Beck JC, Stuck AE. Predicting the risk of hospital admission in older persons – validation of a brief self-administered questionnaire in three European countries. J Am Geriatr Soc 2006;54(8):1271-1276. (Winner of the 2006 Rolf und Hubertine Schiffbauer-Forschungsförderungspreis der Deutschen Gesellschaft für Geriatrie)
- 35. Sylvia ML, Shadmi E, Hsiao C-J, Boyd CM, Schuster AB, **Boult C**. Clinical features of high-risk older persons identified by predictive modeling. Disease Management 2006;9(1):56-62.
- Shadmi E, Boyd CM, Hsiao C-J, Sylvia M, Schuster AB, Boult C. Morbidity and older persons' perceptions of the quality of their primary care. J Am Geriatr Soc 2006;54(2):330-334.
- 37. Pacala JT, **Boult C**, Hepburn K. Ten years' experience conducting the Aging Game workshop: was it worth it? J Am Geriatr Soc 2006;54(1):144-149.
- 38. Wolff JL, **Boult C**. Moving beyond round pegs and square holes: restructuring Medicare to improve chronic care. Ann Intern Med 2005;143(6)439-445.
- 39. Boyd CM, Darer J, **Boult C**, Fried LP, Boult L, Wu A. Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases. JAMA 2005;294(6):716-724.
- 40. American Geriatrics Society Task Force on the Future of Geriatric Medicine (member). Caring for older Americans: the future of geriatric medicine. J Am Geriatr Soc 2005;53:S1-S12.
- 41. Wolff JL, **Boult C**, Boyd C, Anderson G. Newly reported chronic conditions and onset of functional dependency. J Am Geriatr Soc 2005;53(5);851-5..
- 42. Spiers NA, Matthews RJ, Jagger C, Matthews FE, **Boult C**, Robinson TG, Brayne C. Diseases and impairments as risk factors for onset of disability in the older population in England and Wales: findings from the MRC cognitive function and ageing study. J Geront 2005;60(2):248-54.
- 43. Finucane TE, **Boult CE**. Association of funding and findings of pharmaceutical research at a meeting of a medical professional society. Am J Med 2004;117(11):842-845.
- 44. Goodlin S, **Boult C**, Bubolz T, Chiang L. Who will need long-term care? Creation and validation of a new screening instrument. Disease Management 2004;7(4):267-274.
- 45. Fillenbaum GG, Hanlon JT, Landerman LR, Artz MB, O'Connor H, Dowd B, Gross CR, Boult C, Garrard J, Schmader KE. Impact of inappropriate drug use on health services utilization among representative community dwelling elders. American Journal of Geriatric Pharmacotherapy 2004;2(2):92-101.
- 46. **Boult C**, Urdangarin C, Kessler J, Boult L, Yedidia P. Identifying workers at risk for high health care expenditures: a short questionnaire. Disease Management 2004;7(2):124-135.
- 47. Pacala JT, **Boult C**, Urdangarin C, McCaffrey D. Using self-reported data to predict expenditures for the health care of older people. J Am Geriatr Soc 2003; 51(5):609-614.
- 48. Coleman EA, Boult C. Improving the quality of transitional care for persons with

complex care needs. J Am Geriatr Soc 2003;51(4):556-557.

- 49. Boult C, Coleman EA. Diffusing our innovations. J Am Geriatr Soc 2003;51(1):127-128.
- 50. Hanlon JT, Fillenbaum GG, Kuchibhatla M, Artz MB, **Boult C**, Gross CR, Garrard J, Schmader KE. Impact of inappropriate drug use on mortality and decline in functional status in representative community dwelling elders. Med Care 2002;40(2):166-176.
- 51. Hanlon JT, Schmader KE, **Boult C**, Gross CR, Fillenbaum GG, Ruby CM, Garrard J. Use of inappropriate prescription drugs by older people. J Am Geriatr Soc 2002;50(1):26-34.
- 52. **Boult C**, Boult L, Morishita L, Dowd B, Kane RL, Urdangarin C. Randomized trial of outpatient geriatric evaluation and management. J Am Geriatr Soc 2001;49(4):351-359.
- 53. **Boult C**, Kane RL, Brown R. Managed care of chronically ill older people: the U.S. experience. British Medical Journal 2000;321:1011-1014.
- 54. **Boult C**, Rassen J, Rassen A, Moore RJ, Robison S. The effect of case management on the costs of health care for enrollees in Medicare Plus Choice plans: a randomized trial. J Am Geriatr Soc 2000;48(8):996-1001.
- 55. Weuve J, **Boult C**, Morishita L. The effects of outpatient geriatric evaluation and management on caregiver burden. Gerontologist 2000;40(4):429-436.
- Boult C, Kane RL, Pacala JT, Wagner EH. Innovative health care for chronically ill older persons: results of a national survey. American Journal of Managed Care 1999;5(9):1162-1172.
- Boult C, Flood C, Krinke B, Skarin V. Validity of nutritional status as a marker for future disability and depressive symptoms among high-risk adults. J Am Geriatr Soc 1999;47(8):995-999.
- 58. Boult C. Long-term care in its infancy. J Am Geriatr Soc 1999;47(2):250-251.
- 59. **Boult C**, Pacala JT. Integrating health care for older populations. American Journal of Managed Care 1999;5(1):45-52.
- 60. **Boult C**, Pualwan TF, Fox PD, Pacala JT. Identification and assessment of high-risk seniors. American Journal of Managed Care 1998;4(8):1137-1146.
- 61. Joseph A, **Boult C**. Managed primary care of nursing home residents. J Am Geriatr Soc 1998;46(9):1152-1156.
- 62. Morishita L, **Boult C**, Boult L, Smith S, Pacala JT. Satisfaction with outpatient geriatric evaluation and management (GEM). Gerontologist 1998;38(3):303-308.
- 63. **Boult C**, Boult L, Morishita L, Pirie P. Soliciting defined populations to recruit samples of high-risk older adults. J Gerontol 1998;53A(5):M379-M384.
- 64. **Boult C**, Boult L, Pacala JT. Systems of care for older populations of the future. J Am Geriatr Soc 1998;46(4):499-505.
- 65. Aliotta S, **Boult C**, Butin D et al. Essential processes of geriatric care provided through health maintenance organizations. J Am Geriatr Soc 1998;46(3):303-308.
- 66. **Boult C**, Boult L, Morishita L, Smith SL, Kane RL. Outpatient geriatric evaluation and management. J Am Geriatr Soc 1998;46(3):296-302.
- 67. **Boult C**, Brummel-Smith K. Post-stroke rehabilitation guidelines. J Am Geriatr Soc 1997;45(7):881-883.
- 68. Pacala JT, **Boult C**, Reed RL, Aliberti E. Predictive validity of the Pra instrument in screening older HMO enrollees. J Am Geriatr Soc 1997;45(5):614-617.
- 69. **Boult C**, Altmann M, Gilbertson D, Yu C, Kane RL. Disability in the 21st century: future effects of controlling fatal and non-fatal disease. Am J Public Health 1996; 86:1388-1393.
- 70. Pacala JT, Boult C. Factors influencing the effectiveness of case management in managed

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care organizations: a qualitative analysis. J Case Management 1996; 2(3):29-35.

- 71. Pacala JT, Judge JO, **Boult C**. Factors affecting sample selection in a randomized trial of balance enhancement: the FICSIT study. J Am Geriatric Soc 1996; 44:377-382.
- 72. **Boult C**, Pacala JT, Boult L. Targeting elders for geriatric evaluation and management: reliability, predictive validity and practicality of a questionnaire. Aging: Clinical and Experimental Research 1995; 7(3):159-164.
- 73. Pacala JT, **Boult C**, Bland C, O'Brien J. The "Aging Game" improves medical students' attitudes toward caring for elders. Gerontol Geriatr Educ 1995; 15(4):45-57.
- 74. Morishita L, **Boult C**, Ebbitt B, Rambel M, Fallstrom K, Gooden T. Concurrent validity of administering the geriatric depression scale and the physical functioning dimension of the sickness impact profile by telephone. J Am Geriatr Soc 1995; 43:680-683.
- 75. Pacala JT, **Boult C**, Hepburn K, Kane RA, Kane RL, Malone J, Morishita L, Reed R. Case management of older adults enrolled in health maintenance organizations. J Am Geriatr Soc 1995; 43:538-542.
- 76. Boult L, **Boult C**. Underuse of physician services by elderly Asian-Americans. J Am Geriatr Soc 1995; 43:408-411.
- 77. Frederickson TW, **Boult C**. Federal regulations and the use of antipsychotic medications in nursing homes. Nursing Home Medicine 1995; 3(2):41-44.
- 78. Pacala JT, **Boult C**, Boult L. Predictive validity of a questionnaire that identifies elders at risk for hospital admission. J Am Geriatr Soc 1995; 43:374-377.
- 79. **Boult C**, Kane RL, Louis TA, Boult L, McCaffrey D. Chronic conditions that lead to functional limitation in the elderly. J Gerontol 1994; 49(1):M28-M36.
- 80. **Boult C**, Boult L, Murphy C, Ebbitt B, Luptak M, Kane RL. A controlled trial of outpatient geriatric evaluation and management. J Am Geriatr Soc 1994; 42:465-470.
- Luptak MK, Boult C. A method for increasing elders' use of advance directives. Gerontologist 1994; 34(3):409-412.
- 82. Boult L, **Boult C**, Pirie P, Pacala J. Test-retest reliability of a questionnaire that identifies elders at risk for hospital admission. J Am Geriatr Soc 1994; 42:707-711.
- 83. **Boult C**, Dowd B, McCaffrey D, Boult L, Hernandez R, Krulewitch H. Screening elders for risk of hospital admission. J Am Geriatr Soc 1993; 41:811-817.
- 84. **Boult CE**, Kane RL, Louis TA, Ibrahim JG. Forecasting the number of future disabled elderly using Markovian and mathematical models. J Clin Epid 1991; 44(9):973-980.
- 85. **Boult CE**, Murphy J, Sloane P, Mor V, Drone C. The relation of dizziness to functional decline. J Am Geriatr Soc 1991; 39(9):858-861.
- 86. **Boult CE**. The effect of lifestyle on subsequent well-being during old age: a research frontier for family medicine. Fam Pract Res J 1989; 9(1):9-10.

Book Review

Boult C. *Medicare Matters: What Geriatric Medicine Can Teach American Health Care.* New Engl J Med 2006;354(25):2736-2737.

Books

Boult C, Giddens J, Frey K, Reider L, Novak T. Guided Care: a New Nurse-Physician Partnership in Chronic Care. New York: Springer 2009.

Calkins E, **Boult C**, Wagner E, Pacala JT. New Ways to Care for Older People: Building Systems Based on Evidence. New York: Springer 1998.

Monographs

- Wu Y, Lau BD, Bleich S, Cheskin L, Boult C, Segal JB, Wang Y. Future Research Needs for Childhood Obesity Prevention Programs: Identification of Future Research Needs From Comparative Effectiveness Review No. 115 [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2013 Jun.
- 2. Gudzune KA, Lau BD, Hutfless S, **Boult C**, Segal JB. Strategies to prevent weight gain in adults: future research needs. Prepared under Contract No. 290-2007-10061-I for the Agency for Healthcare Research and Quality. AHRQ Publication No. 13-EHC083-EF, June 2013.
- Stein E, Clarke JO, Hutfless S, Boult C, Doggett D, Fawole OA, Bass EB. Wireless Motility Capsule Versus Other Diagnostic Technologies for Evaluating Gastroparesis and Constipation: Future Research Needs: Identification of Future Research Needs From Comparative Effectiveness Review No. 110 [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2013 May.
- 4. **Boult C**, Murphy EK. New models of comprehensive health care for people with chronic conditions. Commissioned background paper for the Institute of Medicine/National Academy of Sciences' 2012 report: Living well with chronic illness: A call for public health action.
- 5. **Boult C**. Protecting medically vulnerable older Americans. Commissioned background paper for the New America Foundation's 2009 report: Making Medicare Sustainable.
- Boult C, Green A, Boult L, Pacala JT, Snyder C, Leff B. Successful models of comprehensive health care for multi-morbid older persons: a review of effects on health and health care. Commissioned background paper for the Institute of Medicine/National Academy of Sciences' 2008 report: Retooling for an Aging America: Building the Health Care Workforce.
- 7. **Boult C**, Rubenstein LZ, Fitzpatrick L, Sharp-McHenry L, McClung BL, Schleue-Warden JC. Guidelines for the prevention of osteoporotic fractures in long-term care facilities. National Association of Directors of Nursing Administration in Long-Term Care. 1998.
- 8. **Boult C**. The prospective care of older populations. Proceeding of the 34th Annual Meeting of the Society of Prospective Medicine, pp. 8-18, Newport, RI, October 1998.
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- 10. Pacala JT, **Boult C**. Screening older populations. Manual for identifying high-risk members of older populations. 1996.
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- 12. Aliberti E, Aliotta S, **Boult C** et al. Identifying high-risk Medicare members: a report from the HMO work group on care management. Final report of a study conducted with support of the Robert Wood Johnson Foundation and the American Association of Health Plans. 1996.
- Boult C, Boult L, Pacala JT. Clinical innovations for older populations of the future. Proceeding of the 1996 Annual Meeting of the Gerontological Society of America, pp.25-33, Washington DC, November 1996.
- 14. Pacala JT, **Boult C**, Hepburn K, Kane RA, Kane RL, Malone J, Morishita L, Reed R. Case management of older adults enrolled in health maintenance organizations. Final report of a study conducted under contract with the Robert Wood Johnson Foundation. 1994.

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- 1. **Boult C**. Improving chronic care: the Guided Care model. The Permanente Journal 2008:12(1):50-54.
- 2. Boult C. Cost-effective systems of caring for seniors. Cost and Quality 1998; 4(2):10-16.
- 3. Boult L, **Boult C**. Innovations in the second generation of social health maintenance organizations. Geriatric Managed Care 1997: 3(4):3-12.
- 4. **Boult C**. Outpatient geriatric evaluation and management. Minnesota Physician 1997; 11(5):30.
- 5. **Boult C**. Primary physicians asked to collaborate in aging project. J Ramsey Co Med Soc 1994; 88(2):10-11.
- 6. **Boult C**. Family physicians asked to collaborate in aging project. Minnesota Family Physician 1994; 49(3):6.
- 7. **Boult C**. Primary physicians collaborate in aging project: the GEM program. Minnesota Physician 1994; 8(7):13.

Chapters

- 1. **Boult C**, Wolff JL. "Guided Care" for people with complex health care needs. In: Malone ML, Capezuti EA, Palmer RM, eds. Geriatrics Models of Care: Bringing 'Best Practice' to an Aging America. Switzerland: Springer International Publishing; 2015.
- 2. **Boult C**, Novak T. Guided Care. In: Chun A, ed. Geriatric Care by Design. United States: American Medical Association; 2011.
- 3. **Boult C**, Groves C, Novak T. Coordination of care by Guided Care interdisciplinary teams. In: Comprehensive Care Coordination for Chronically Ill Adults. Oxford, United Kingdom: Wiley-Blackwell; 2011.
- 4. **Boult C,** Stefanacci R. Financing, coverage and costs of health care. In: Geriatrics Nursing Review Syllabus: A Core Curriculum in Advanced Practice Geriatric Nursing, Third Edition. New York: American Geriatrics Society; 2011.
- 5. **Boult C**. The financing of health care for older people. In: Geriatrics Review Syllabus: A Core Curriculum in Geriatric Medicine, Seventh Edition. New York: American Geriatrics Society; 2010.
- 6. **Boult C**. The Health Care System. In: Halter JB, Ouslander J, Tinetti M, Asthana S, High K, Studenski S, eds. Hazzard's Principles of Geriatric Medicine and Gerontology, Sixth Edition. New York: McGraw-Hill; 2009.
- Boult C. The financing of health care for older people. In: Auerhahn C, Capezuti L, Flaherty E, Resnick B, eds. Geriatric Nursing Review Syllabus: A Core Curriculum in Advanced Practice Geriatric Nursing. 2nd edition. New York: American Geriatrics Society; 2007.
- 8. Wolff JL, **Boult C**. Medicare. In: Mezey MD, Berkman BJ, Siegler EL, Capezuti E et al., eds. The Encyclopedia of Elder Care. New York, NY: Springer Publishing; 2007.
- 9. Wolff JL, **Boult C**. Medicaid. In: Mezey MD, Berkman BJ, Siegler EL, Capezuti E et al., eds. The Encyclopedia of Elder Care. New York, NY: Springer Publishing; 2007.
- 10. **Boult C**. The financing of health care for older people. In: Geriatrics Review Syllabus: A Core Curriculum in Geriatric Medicine, Sixth Edition. New York: American Geriatrics Society; 2006.
- 11. **Boult C**. The financing of health care for older people. In: Geriatrics Nursing Review Syllabus: A Core Curriculum in Advanced Practice Geriatric Nursing, First Edition. New York: American Geriatrics Society; 2003.

- 12. **Boult C**. The financing of health care for older people. In: Geriatrics Review Syllabus: A Core Curriculum in Geriatric Medicine, Fifth Edition. New York: American Geriatrics Society; 2002.
- 13. **Boult C**. Comprehensive geriatric assessment. In: The Merck Manual of Geriatrics, Third Edition. Blue Bell, PA: Merck and Co; 2000.
- 14. **Boult C**, Pacala JT. New models of health care for elders at risk. In: Dychtwald, ed. Healthy Aging: Challenges and Solutions. Gaithersburg, MD: Aspen; 1999.
- 15. **Boult C**. The benefits of screening elderly patients for health risks: commentary. In: Burns J, Northrup L, eds. Guide to Managed Care Strategies. New York: Faulkner and Gray; 1999.
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- 19. Kane RL, **Boult C**. Defining the service needs of frail older persons. In: Mor V, ed. Living in the community with disabilities: a cross-group perspective. New York: Springer; 1998.
- 20. **Boult C**, Boult L, Kane RL. How effective is geriatrics: a review of the evidence? In: Katz PR, Kane RL, Mezey MD, eds. Quality Care in Geriatric Settings: Focus on Ethical Issues. New York: Springer; 1995.

Letters

- 1. Scharfstein DO, Boyd CM, Wolf JL, **Boult C**. Letter to the editor. Am J Manag Care 2012;18(2):118-119.
- 2. Boyd CM, Darer JD, **Boult C**, Fried LF, Boult L, Wu AW. Clinical practice guidelines for older patients with comorbid diseases. Letter to the editor. JAMA 2006;295(1):34-35.
- 3. Boult C, Coleman E. Letter to the editor. J Am Geriatr Soc 2004;52(5):856.
- 4. Leff B, **Boult C**. Letter to the editor. Annals of Internal Medicine 2004; 140(3):231.
- 5. **Boult C**, Boult L, Morishita L, Dowd B, Kane RL, Urdangarin C. Letter to the editor. J Am Geriatr Soc 2002;50(3):591-592.
- 6. Boult C. Letter to the editor. Am J Public Health 1998;88(1):133.
- 7. Pacala JT, Boult C. Letter to the editor. J Fam Pract 1994; 39(5):537.

Videotapes

- 1. Managing Senior Risk Assessment: Improving Patient Outcomes, 1997, Abbott Laboratories, Columbus, Ohio.
- 2. Living Well: A Guide to Healthy Aging, 1998, Evening Star Productions, Akron, Ohio.

Abstracts

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- 2. J Rand-Giovannetti E, Wolff J, Frick K, **Boult C**. The Effect of informal caregiving on work productivity. Gerontologist 2007;47(1):S23.

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attach

- 3. Boult C. Guided Care: Diffusion into Practice. Gerontologist 2007;47(1):S650.
- 4. **Boult C**, Leff B. Boyd C, Wolff J, Wegener S, Semanick L, Frey K, Rand-Giovannetti E. A cluster-randomized controlled trial of Guided Care: baseline data and initial experiences. J Am Geriatr Soc 2007;55(4):S207.
- 5. Arbaje A, Eubank K, Maynor K, Carrese J, **Boult C**. Home health care professionals' perspectives on the quality of their communication with physicians during older adults' care transitions from hospital to home. J Am Geriatr Soc 2007;55(4):S197-198.
- 6. Arbaje AI, Wolff J, Powe NR, Anderson GF, **Boult CE**. Home environment and the likelihood of readmission among community-dwelling Medicare beneficiaries. J Am Geriatr Soc 2006;54(4):S89-90.
- 7. McNabney MK, Wolff J, Semanick L, Kasper J, **Boult C**. Long stay nursing home residents who may not require institutional care. J Am Geriatr Soc 2006;54(4):S181.
- 8. Arbaje A, Wolff J, Powe N, Anderson G, **Boult C**. The effects of self-management and home help on Medicare beneficiaries' use of hospital. J Am Geriatr Soc 2005;53(4):S196.
- 6. Boyd C, Shadmi E, Conwell L, Sylvia M, **Boult C**, Brager R, Leff B, Scharfstein D. The effect of Guided Care on quality of care. J Am Geriatr Soc 2005;53(4):S205.
- 7. Wolff J, **Boult C**, Boyd C, Anderson GF. Newly reported chronic conditions and onset of functional dependency. J Am Geriatr Soc 2005; 53(5):851-855.
- 8. Shadmi E, Boyd C, Schuster A, Sylvia M, **Boult C**. Quality of primary care of older persons with multiple comorbidities. J Am Geriatr Soc 2004;52(4):S149.
- 9. Sylvia M, Shadmi E, Hsiao C, Boyd, Schuster A, **Boult C**. Clinical characteristics of older persons identified by predictive modeling as targets for intensive clinical intervention. J Am Geriatr Soc 2004;52(4):S198.
- 10. Boyd C, Darer J, Wu A, **Boult C**, Fried L. The challenges of following clinical practice guidelines in the care of older patients with multiple comorbid conditions. J Am Geriatr Soc 2003;51(4):S220.
- 11. Young Y, Fan M, **Boult C**, Hebel J. Validation of the "Successful Aging" Construct. Gerontologist 2002;42(1):40.
- 12. **Boult C**, McCaffrey D. Association between funding and findings: does sponsorship bias results? J Am Geriatr Soc 2002;50(4):S143.
- 13. Young Y, Fan M, **Boult C**, Parrish JM. Actively engaging with life: associations with functional independence and quality of life. J Am Geriatr Soc 2002;50(4):S124.
- 14. **Boult C**. An epidemiologic tool that improves health care for older people. Gerontologist 2001;41(S1).
- Fillenbaum GG, Hanlon JT, Dowd B, O'Connor H, Landerman LR, Artz M, Gross C, Boult C, Garrard J, Schmader K. Impact of inappropriate drug use defined by Beers criteria on health service use. Gerontologist 2001;41(S1):52.
- 16. Hanlon JT, Fillenbaum GG, Dowd, B, Landerman LR, Artz MA, Gross C, O'Connor H, Boult C, Garrard J, Schmader K. Impact of inappropriate drug prescribing defined by DUR criteria on health services utilization in community dwelling elders. Pharmacotherapy 2001; 21:1268.
- Hanlon JT, Fillenbaum GG, Kuchibhatla M, Ruby C, Gross C, Boult C, Garrard J, Schmader K. Impact of inappropriate drug prescribing on mortality and decline in functional status in community dwelling elders. J Am Geriatr Soc 2001;49(9):S12-13.
- 18. Pacala JT, **Boult C**. An alternative method for risk-adjusting capitation rates for Medicare Plus Choice plans. J Am Geriatr Soc 2001;49(9):S1.

- 19. Pacala JT, **Boult C**. Effects of a care management program on costs and satisfaction in an open-access health plan. J Am Geriatr Soc 2001;49(9):S148-149.
- 20. Hanlon JT, Fillenbaum GG, Kuchibhatla M, **Boult C**, Gross C, Garrard J, Schmader K. Inappropriate drug use, functional status decline and mortality among community dwelling elderly residents. Gerontologist 2000;40(S1):37.
- 21. Boult C, Rassen J, Rassen A, Moore RJ, Bouquillon S. Does case management save money in Medicare HMOs? J Am Geriatr Soc 2000;48(8):S6.
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- 23. Hanlon JT, Fillenbaum G, Hu W, Gross C, Garrard J, Ruby C, Schmader K, **Boult C**. Inappropriate drug prescribing for community dwelling elderly. J Am Geriatr Soc 2000;48(8):S10.
- 24. **Boult C**, Boult LB, Morishita L. Outpatient geriatric evaluation and management: a randomized clinical trial. J Am Geriatr Soc 1999;47(9):S7.
- 25. Weuve JL, **Boult C**, Morishita L. Effects of outpatient geriatric evaluation and management on caregiver burden J Am Geriatr Soc 1999;47(9):S51.
- 26. Urdangarin C, **Boult C**, Morishita L. The effects of outpatient geriatric evaluation and management (GEM) on function, affect and mortality. J Am Geriatr Soc 1999;47(9):S24.
- 27. Goodlin SJ, **Boult C**, Bubolz TA. Risk of developing a need for long-term care. J Am Geriatr Soc 1998; 46(9):S85.
- 28. Skarin V, Boult C. Older adults at high nutritional risk. J Am Geriatr Soc 1997; 45(9):S89.
- 29. Smith S, Morishita L, **Boult C**. Promoting completion of advance directives in communitydwelling elders. J Am Geriatr Soc 1997; 45(9):S57.
- 30. Boult L, **Boult C**, Morishita L, Smith S. The process of outpatient geriatric evaluation and management (GEM). J Am Geriatr Soc 1997; 45(9):S46.
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- 35. **Boult C**, Altmann M, Gilbertson D, Yu C, Kane RL. Decreasing disability in the 21st century. J Am Geriatr Soc 1997; 45(7):899-900.
- 36. Pacala JT, **Boult C**, O'Brien J, Bland C. The "Aging Game" improves medical students' attitudes toward caring for elders. J Am Geriatr Soc 1995; 43(9):SA38.
- 37. Murphy C, Reuben D, **Boult C**. Comparison of two screening instruments that identify elders for comprehensive assessment. J Am Geriatr Soc 1995; 43(9):SA52.
- 38. Pacala JT, **Boult C**. A typology of case management in large scale HMOs with Medicare TEFRA risk contracts. Gerontologist 1994;34:29.
- 39. Morishita L, Ebbitt B, **Boult C**. Telephone reliability of the physical functioning dimension of the sickness impact scale and the geriatric depression scale. Gerontologist 1994;34:265.
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- 43. Boult L, **Boult C**, Pirie P. Test-retest reliability of a questionnaire that identifies elders at risk for hospital admission. J Am Geriatr Soc 1993; 41(10):SA48.
- 44. Murphy C, **Boult C**, Boult L, Ebbitt B, Luptak M, Kane RL. Targeted outpatient GEM: results of a pilot study. J Am Geriatr Soc 1993; 41(10):SA55.
- 45. Loret de Mola F, **Boult C**. Characteristics of elders who underuse health care. J Am Geriatr Soc 1993; 41(10):SA62.
- 46. Luptak MK, **Boult C**. Encouraging elders to record advance directives: results of an outpatient pilot program. Gerontologist 1992; 32(2):72-73.
- 47. **Boult C**, Boult L, McCaffrey D. Chronic conditions that lead to functional limitation in the elderly. J Am Geriatr Soc 1992; 40(10):SA65.
- 48. **Boult CE**, Hernandez R, Dowd B, McCaffrey D, Keenan J. A model that estimates elders' probability of admission to a hospital within two years. Gerontologist 1991;31(2):347.

Attachment 3

CURRICULUM VITAE

Charles E. Boult, M.D., M.P.H., M.B.A.

PART II

TEACHING

Advisees (research topic)

Post Doc

2004-2006	Kenric Maynor, MD, MPH
2003-2007	Alicia Arbaje, MD, MPH

Doctoral

2008-2012	Matthew Frazier
2008-2012	Tracy Mroz
2007-2009	Lindsay Schwartz
2007-2009	Patricia Markovich
2006-2007	Allison Lipitz
2005-2007	Benjamin Howell
2004-2006	Erin Rand Giovannetti
2003-2007	Chun Ju Hsiao
2003-2007	Leslie Conwell
2003-2006	Alyson Schuster
2002-2010	Joanna Case Famadas
2000-2003	Marilyn Luptak, PhD (A Family View of End-of-Life Decision Making)
1996-2003	Cristina Urdangarin, PhD (Predicting Repeated Hospitalization among Elderly
	Medicare Beneficiaries)
1992-1999	Robin Whitebird, PhD (Seniors at Risk: Biopsycho-social factors and hospital
	utilization)
1999-2000	Ann Bowman, PhD (Exercise experiences of elderly people with type 2 diabetes)
1990-1999	Bruce Friedman, PhD (Comparison of Medicare Services Utilization in a Social
	HMO and A TEFRA Risk HMO
1991-2001	Richard Cash, MD
1991-2001	Pamela Fisher, MD
1991-2001	Daniel Flory, MD
1991-2001	Thomas Fredrickson, MD
1991-2001	Karin Goettl. MD
1991-2001	Caryn Kendra, MD, MPH
1991-2001	Kristin Kirsch, MD
1991-2001	Jeffrey Koll, MD
1991-2001	Jay Mitchell, MD
1991-2001	Christine Murphy, MD
1991-2001	Matthew Rolando, MD

Attachment 3

Masters

2012	Tequila Terry
2011-2012	Chek Hooi Wong
2007-2008	Melissa Dattalo
2007-2008	Paul Jacxsens
2006-2009	Monique Yohanan
2004-2005	Margaret Randall
2004-2006	Cynthia Kelleher
2003-2004	Peter Curie
2003-2004	Abi Rayner
1991-2001	Robert B. Elson
1991-2001	John G. Faughnan
1991-2001	Burr Fontaine
1991-2001	Paul Kowal
1991-2001	Scott Loss
1991-2001	Teresa McCarthy
1991-2001	Michael Sandman
1001 2001	Innifor Wound

1991-2001 Jennifer Weuve

Preliminary Oral Participation (not applicable for MS candidates)

Preliminary Oral Participation (not appl	licable for l
Benjamin Howell	PhD
Erin Rand-Giovannetti	PhD
Joanna Case Famadas	PhD
Leslie Conwell	PhD
Chun-Ju Hsiao	PhD
Marisa Wilson	PhD
Kathleen Haddad	PhD
Marleen Niefeld	PhD
Bowman, Ann	PhD
Friedman, Bruce	PhD
Luptak, Marilyn	PhD
Urdangarin, Cristina	PhD
Whitebird, Robin	PhD
Final Oral Participation	
Joanna Case Famadas	PhD
Frin Rand-Giovannetti	PhD

Joanna Case Famadas	PnD
Erin Rand-Giovannetti	PhD
Leslie Conwell	PhD
Chun-Ju Hsiao	PhD
Marisa Wilson	PhD
Mike Griswold	PhD
Ekaterini Malliou	PhD
Ellen Freeman	PhD
Marlene Niefeld	PhD
Bowman, Ann	PhD

(chaired	final	doctoral	defense)

(chaired final doctoral defense)

Elson, Robert B	MS
Faughnan, John G.	MS
Figari, Carlos	MS
Fontaine, Burr	MS
Friedman, Bruce	PhD
Kimura, Shinji	MS
Kowal, Paul	MS
Lam, Robert	MS
McCarthy, Teresa	MS
Sandman, Michael	MS
Urdangarin, Cristina	PhD
Weuve, Jennifer	MPH
Whitebird, Robin	PhD

Classroom Instruction

Frontiers in Gerontology Innovations in Health Care for Aging Populations Principles of Geriatrics I Principles of Geriatrics II, director Principles of Geriatrics III Future Health Interventions, director Interdisciplinary Geriatrics, director Human Sexuality Clinical Medicine II Clinical Medicine IV Effective Use of Published Information Policy Evaluation Research

Other Significant Teaching

Clinical teaching of medical students, residents and fellows in hospital, nursing home, home care and outpatient clinics, 1981-2008

Lecturing at residency noon conferences, Grand Rounds, Research Seminars, and Continuing Medical Education conferences, 1981-

RESEARCH GRANTS

- "New Evaluation of Guided Care's Effect on Utilization," September 30, 2009-September 30, 2011, the Agency for Healthcare Research and Quality, Principal Investigator: C. Boult, \$100,000.
- "Guided Care: Integrating High Tech and High Touch", June 2005-May 2010, the Agency for Healthcare Research and Quality, the National Institute on Aging, the John A. Hartford Foundation, the Jacob and Valeria Langeloth Foundation, Principal Investigator: C. Boult, \$3,098.079.
- "Enhancing the Quality of Medical Home Services," July 2008-June 2012, the John A Harford Foundation, Principal Investigator: C. Boult, \$1,700,000.

- "Development of a Business Plan for Licensing the PraPlus," AY 2001-2002, Johns Hopkins University Technology Transfer, Principal Investigator: C. Boult, \$20,000
- "Establishment of an Aging Rodent Colony," AY 2000-01, Minnesota Medical Foundation, Principal Investigator: C. Boult, \$15,000
- "Risk Assessment and Care Advisors for Chronically Ill Older Populations," AY 1996-00, Robert Wood Johnson Foundation, Co-principal investigator: C. Boult, \$530,371
- "Identifying High-risk Elderly Enrollees in Managed Care Organizations," AY 1995, Group Health Foundation (The Robert Wood Johnson Foundation), Principal Investigator: C. Boult, \$29,085
- "The Effects of Outpatient Geriatric Evaluation and Management on Elders' Functional Ability," AY 1994-96, American Academy of Family Physicians Foundation, Principal Investigator: C. Boult, \$15,000
- "Comparison of Methods for Screening Elderly Populations," AY 1994-95, American Federation for Aging Research, Principal Investigator: C. Boult, \$1,250
- "Case Management in HMOs," AY 1994, Group Health Foundation (The Robert Wood Johnson Foundation), Principal Investigator: C. Boult, \$45,248
- "A Trial of Outpatient Geriatric Evaluation and Management (GEM)," AY 1993-98, National Institute on Aging, U.S. Agency for Health Care Policy and Research, Health Care Financing Administration, Principal Investigator: C. Boult, \$1,839,073
- "Reducing Functional Limitation in the Next Century," AY 1993-94, All-University Council on Aging, University of Minnesota, Principal Investigator: C. Boult, \$3,000
- "Physician Case Management of Frail Elderly Minnesotans: Results of an Interdisciplinary Pilot Program," AY 1992-93, All-University Council on Aging, University of Minnesota, Principal Investigator: C. Boult, \$3,000
- "Reliability of an Instrument for Estimating Elders' Probability of Future Hospitalization," AY 1992-93, Division of Epidemiology, School of Public Health, University of Minnesota, Co-investigator, \$1,717
- "Identifying Elders at Risk," AY 1991-92, Minnesota Medical Foundation, Principal Investigator: C. Boult, \$5,000
- "Identifying Elders at Risk," AY 1991-92, Center for Urban and Regional Affairs, University of Minnesota, Principal Investigator: C. Boult, \$4,687
- "NIA Academic Award: Predictors of Functional Ability," 1990-95, National Institute on Aging, AY Principal Investigator: C. Boult, \$361,000
- "Identifying Elders at Risk," AY 1990-91, Center for Urban and Regional Affairs, University of Minnesota, Principal Investigator: C. Boult, \$9,706
- "Dependency Implications of Future Demographic Trends: Simulated Possibilities," AY 1988-91, Alfred P. Sloan Foundation, Principal Investigator of project component: C. Boult, \$19,977
- [Funded effort (5-25%) on numerous other grants and contracts from NIH, HCFA and private foundations for which the Principal Investigators were members of the faculty of the University of Minnesota]

ACADEMIC SERVICE

Johns Hopkins University, 2001-

Served: member, Center on Aging and Health, 2001-

Attachment 3

Bloomberg School of Public Health

Served: member, institutional review board, 2007-

member, search committee for Chair of Department of Population and Family Health Sciences, 2002-2003

member, Appointments and Promotions Committee, 2002-2005

member, Ad-hoc Committee to Review Aging Training, 2002-2004

member, Brookdale National Fellowship Program Review Panel, 2002

Department of Health Policy and Management

Directed: Lipitz Center for Integrated Health Care, 2001-

Served: chair, search committee for tenure-track faculty position, 2002-2003 member, Finance Committee 2002-2006

member, Appointments and Promotions/Faculty Development Committee, 2002-

Department of Mental Hygiene

Served: member, search committee for tenure-track positions (2), 2002-2003

School of Medicine

Department of Medicine, Division of Geriatric Medicine and Gerontology Served: member, Executive committee, 2003-2006 director, program in health services research, 2003-2006 chair, committee to develop a vision for the future of geriatrics, 2003-

2004 2004

chair, search committee for clinical chief, 2003-2004 member, Geriatric Education Center Advisory Committee, 2002-2006 preceptor, Beacham Ambulatory Care Center, 2001-2007

University of Minnesota, 1990-2001

Served on the faculties of:

the Medical School

- the School of Public Health (Division of Epidemiology, Institute for Health Services Research)
- the Graduate School, examining member of the graduate minor program in gerontology

the Hubert H. Humphrey Institute of Public Affairs

Medical School

Created (1991) and directed (1991-1993) the School's first Geriatrics Clinic

Created and directed (1994-1996) a second geriatrics clinic (at Bethesda

Lutheran Hospital) that served as the base for a randomized clinical trial of outpatient geriatric evaluation and management (GEM)

Provided care to high-risk frail elderly patients in clinics, a nursing home, a

transitional care unit, and Fairview-University Medical Center Served: member, Dean's Council

member, Education council

member, Dean's Committee on Primary Care

member, Coordinating Committee for the Dean's Scientific Seminar

member, Steering Committees of Clinical Medicine I, II, and IV,

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including the Evaluations and Health Care Delivery Systems Subcommittees (chair) member, Primary Care Education Committee Served: faculty leader, groups of first-year medical students Chair, the Health Care Delivery Systems Task Force co-director, Office of Primary Care Research and Education Department of Family Practice and Community Health Served: member, Geriatrics Advisory Committee member, Faculty Development Committee member, Community Medicine Committee member, Electronic Medical Records Committee member, Senior Research Council member, Peer Review Panel, UCare Minnesota Foundation

School of Public Health

Served: member, search committee, Clinical Outcomes Research Center member, Executive Committee, NIA Training Program

PRESENTATIONS

Scientific Meetings

- Boult C, Leff B. Boyd C, Wolff J, Wegener S, Semanick L, Frey K, Rand-Giovannetti E. A cluster-randomized controlled trial of Guided Care: baseline data and initial experiences. Annual Meeting of the American Geriatrics Society, 2007.
- Arbaje A, Eubank K, Maynor K, Carrese J, Boult C. Home health care professionals' perspectives on the quality of their communication with physicians during older adults' care transitions from hospital to home. Annual Meeting of the American Geriatrics Society, 2007.
- Sylvia M, Boult C. A pilot study of Guided Care: cost and utilization outcomes. Annual Meeting of the HMO Research Network, 2007.
- Boyd CM, Leff BA, Wolff JL, Semanick L, Noronha G, Karm L, Boult C. Predictors of self-rated quality of primary care for multi-morbid older adults. Annual Meeting of the Society of General internal Medicine, 2007.
- Boult C, Leff B, Boyd C, Semanick L, Brager R, Frey KP. Guided Care for multi-morbid older adults. Annual Meeting of the American Public Health Association, 2006.
- Sylvia M, Boult C. A pilot study of Guided Care: cost and utilization outcomes. Annual Meeting of AcademyHealth, 2006.
- Arbaje AI, Wolff J, Powe NR, Anderson GF, Boult CE. Home environment and the likelihood of readmission among community-dwelling Medicare beneficiaries. Annual Meeting of the American Geriatrics Society, 2006.
- McNabney MK, Wolff J, Semanick L, Kasper J, Boult C. Long stay nursing home residents who may not require institutional care. Annual Meeting of the American Geriatrics Society, 2006.
- Spiers N, Jagger C, Matthews R, Robinson T, Brayne C, Matthews F, Boult C. Forecasting Future Disability Levels Under Changing Patterns of Diseases. Annual Meeting of the British Society for Population Studies, 2004.

- Sylvia M, Shadmi E, Hsiao C, Boyd C, Schuster A, Boult C. Clinical characteristics of older persons identified by predictive modeling as targets for intensive clinical intervention. Annual Scientific Meeting of the American Geriatrics Society, 2004.
- Shadmi E, Boyd C, Schuster A, Sylvia M, Boult C. Quality of primary care of older persons with multiple comorbidities. Annual Scientific Meeting of the American Geriatrics Society, 2004.
- Boult C. Guided care: integrating high-tech and high-touch for older people with chronic conditions. Complexities of Co-Occurring Conditions Conference (NIMH, NIDA), 2004
- Spiers N, Matthews RJ, Jagger C, Brayne C, Boult C, Matthews F, Robinson T. Forecasting future disability levels under changing patterns of diseases. Annual Scientific Meeting of the British Geriatrics Society, 2003.
- Boyd C, Darer J, Wu A, Boult C, Fried L. The challenges of following clinical practice guidelines in the care of older patients with multiple comorbid conditions. Annual Scientific Meeting of the American Geriatrics Society, 2003.
- Young Y, Fan M, Boult C, Hebel J. Validation of the "successful aging" construct. Annual Scientific Meeting of the Gerontological Society of America, 2002
- Young Y, Fan M, Hebel JR, Boult C. Concurrent validity of administering the functional independence measure (FIM) by interview. Annual Scientific Meeting of the American Public Health Association, 2002
- Boult C, McCaffrey D. Association between funding and findings: does sponsorship bias results? Annual Scientific Meeting of the American Geriatric Society, 2002
- Young Y, Fan M, Boult C, Parrish JM. Actively engaging with life: associations with functional independence and quality of life. Annual Scientific Meeting of the American Geriatric Society, 2002
- Boult C. An epidemiologic tool that improves health care for older people. Annual Scientific Meeting of the Gerontological Society of America, 2001.
- Fillenbaum GG, Hanlon JT, Dowd B, O'Connor H, Landerman LR, Artz M, Gross C, Boult C, Garrard J, Schmader K. Impact of inappropriate drug use defined by Beers criteria on health service use. Annual Scientific Meeting of the Gerontological Society of America, 2001
- Hanlon JT, Fillenbaum GG, Dowd, B, Landerman LR, Artz MA, Gross C, O'Connor H, Boult C, Garrard J, Schmader K. Impact of inappropriate drug prescribing defined by DUR criteria on health services utilization in community dwelling elders. Annual Meeting of the American College of Pharmacotherapy, 2001
- Hanlon JT, Fillenbaum GG, Kuchibhatla M, Ruby C, Gross C, Boult C, Garrard J, Schmader K. Impact of inappropriate drug prescribing on mortality and decline in functional status in community dwelling elders. Annual Scientific Meeting of the American Geriatric Society, 2001
- Pacala JT, Boult C. An alternative method for risk-adjusting capitation rates for Medicare Plus Choice plans. Annual Scientific Meeting of the American Geriatric Society, 2001
- Pacala JT, Boult C. Effects of a care management program on costs and satisfaction in an openaccess health plan. Annual Scientific Meeting of the American Geriatric Society, 2001
- Hanlon JT, Fillenbaum GG, Kuchibhatla M, Boult C, Gross C, Garrard J, Schmader K. Inappropriate drug use, functional status decline and mortality among community dwelling elderly residents. Annual Scientific Meeting of the Gerontological Society of America, 2000
- Boult C, Rassen J, Rassen A, Moore RJ, Bouquillon S. Does case management save money in Medicare HMOs? Annual Scientific Meeting of the American Geriatric Society, 2000

- Pacala JT, Boult C, Urdangarin C. Prediction of future Medicare costs based on self-report. Annual Scientific Meeting of the American Geriatric Society, 2000
- Hanlon JT, Fillenbaum G, Hu W, Gross C, Garrard J, Ruby C, Schmader K, Boult C. Inappropriate drug prescribing for community dwelling elderly. Annual Scientific Meeting of the American Geriatric Society, 2000
- Boult C, Boult LB, Morishita L. Outpatient geriatric evaluation and management: a randomized clinical trial. Annual Scientific Meeting of the American Geriatric Society, 1999
- Weuve JL, Boult C, Morishita L. Effects of outpatient geriatric evaluation and management on caregiver burden. Annual Scientific Meeting of the American Geriatric Society, 1999
- Urdangarin C, Boult C, Morishita L. The effects of outpatient geriatric evaluation and management (GEM) on function, affect and mortality. Annual Scientific Meeting of the American Geriatric Society, 1999

Goodlin SJ, Boult C, Bubolz TA. Risk of developing a need for long-term care. Annual Scientific Meeting of the American Geriatric Society, 1998

- Skarin V, Boult C. Older adults at high nutritional risk. Annual Scientific Meeting of the American Geriatric Society, 1997
- Smith S, Morishita L, Boult C. Promoting completion of advance directives in communitydwelling elders. Annual Scientific Meeting of the American Geriatric Society, 1997
- Boult L, Boult C, Morishita L, Smith S. The process of outpatient geriatric evaluation and management (GEM). Annual Scientific Meeting of the American Geriatric Society, 1997
- Boult C, Boult L, Morishita L, Pirie P. Recruiting high-risk older participants for a randomized clinical trial. Annual Scientific Meeting of the American Geriatric Society, 1997
- Pacala JT, Boult C, Reed R, Aliberti E. Predictive validity of the P_{ra} among older recipients of managed care. Annual Scientific Meeting of the American Geriatric Society, 1997
- Morishita L, Boult C, Boult L, Smith S, Pacala JT. Satisfaction with outpatient geriatric evaluation and management. Annual Scientific Meeting of the American Geriatric Society, 1997
- Boult C, Kane RL. Future human and economic effects of reducing six chronic diseases. Annual Scientific Meeting of the American Geriatric Society, 1995
- Boult C, Altmann M, Gilbertson D, Yu C, Kane RL. Decreasing disability in the 21st century. Annual Scientific Meeting of the American Geriatric Society, 1995
- Pacala JT, Boult C, O'Brien J, Bland C. The "Aging Game" improves medical students' attitudes toward caring for elders. Annual Scientific Meeting of the American Geriatric Society, 1995
- Murphy C, Reuben D, Boult C. Comparison of two screening instruments that identify elders for comprehensive assessment. Annual Scientific Meeting of the American Geriatric Society, 1995
- Pacala JT, Boult C. A typology of case management in large scale HMOs with Medicare TEFRA risk contracts. Annual Scientific Meeting of the Gerontological Society of America, 1994
- Morishita L, Ebbitt B, Boult C. Telephone reliability of the physical functioning dimension of the sickness impact scale and the geriatric depression scale. Annual Scientific Meeting of the Gerontological Society of America, 1994
- Boult C, Gilbertson D. The effects of four diseases on the number of functionally limited elders in the next century. Annual Scientific Meeting of the American Geriatric Society 1993
- Boult C, Dowd B, McCaffrey D, Boult L. Predictive validity of a questionnaire that identifies elders at risk for hospital admission. Annual Scientific Meeting of the American Geriatric Society 1993

- Boult L, Boult C, Pirie P. Test-retest reliability of a questionnaire that identifies elders at risk for hospital admission. Annual Scientific Meeting of the American Geriatric Society 1993
- Murphy C, Boult C, Boult L, Ebbitt B, Luptak M, Kane RL. Targeted outpatient GEM: results of a pilot study. Annual Scientific Meeting of the American Geriatric Society 1993
- Loret de Mola F, Boult C. Characteristics of elders who under-use health care. Annual Scientific Meeting of the American Geriatric Society 1993
- Luptak MK, Boult C. Encouraging elders to record advance directives: results of an outpatient pilot program. Annual Scientific Meeting of the Gerontological Society of America, 1992
- Boult C, Boult L, McCaffrey D. Chronic conditions that lead to functional limitation in the elderly. Annual Scientific Meeting of the American Geriatric Society 1992
- Boult CE, Hernandez R, Dowd B, McCaffrey D, Keenan J. A model that estimates elders' probability of admission to a hospital within two years. Annual Scientific Meeting of the Gerontological Society of America, 1991

Invited Seminars - Professional societies

- European Union Geriatric Medicine Society's *Second Congress*, Florence, Italy, "Integrated Systems of Care for the Frail Elderly"
- International Association of Gerontology's *International State of the Art Conference: Geriatric Assessment Technology*, Florence, Italy, "A Questionnaire That Identifies Elders at Risk: How Well Does it Predict Use of Health Services?"
- International Center for the Analysis of Social Development's, *Primary Health Care: Issues and Trends in the Era of Privatization*, San Juan, PR, "The Role of Research in Primary Care"
- Maryland Gerontological Society's Annual Meeting, Catonsville, MD, "Guided Care"
- Academy Health's Annual Meeting, Washington, DC, "Case Management for Frail Seniors"
- American Public Health Association's *Annual Meeting*, Indianapolis IN, "Using Managed Care to Provide Effective Chronic Care"
- Gerontological Society of America's *Annual Meeting*, Washington, DC, "Meeting the Care Needs of Older Persons Across Health Care Settings"
- Gerontological Society of America's *Annual Meeting*, Philadelphia, PA, "Emerging Systems of Care for Older Persons" (Presidential Symposium) and "Symposium on Cognitive Impairment"
- American Society on Aging's *Annual Meeting*, Los Angeles, CA, "Identification and Management of Health Risk"
- American Geriatrics Society's Annual Meeting, Washington, DC, "What's New in Geriatric Assessment?"
- American Medical Directors Association's *Annual Meeting*, San Antonio, TX, "Innovative Systems of Care for Older Populations"
- American Academy of Family Physicians' *Scientific Assembly*, San Francisco, CA, "Therapeutic and Preventive Approaches for Major Health Problems Affecting Older Adults"
- Disease Management Association of America's *Annual Meeting*, Chicago, IL, "HRAs for the 21st Century: Modern Survey Tools to Enhance Disease Management"
- Society for Prospective Medicine's Annual Meeting, Newport, RI, "Identifying High-Risk Seniors"
- Minnesota Gerontological Society's *Long Lives in the New Millennium*, St. Paul, MN, "Preparing for the Pandemics: Chronic Illness and Disability"
- American Society on Aging's 2000 Summer Series on Aging, St. Paul, MN, "Ten Promising Health

Care Interventions for Chronically Ill Elders"

Invited Seminars - Academic institutions
University of British Columbia's Chronic Care Management, Vancouver, BC, "Guided Care:
From Translation to Transformation"
University of Arkansas's Geriatrics Grand Rounds, Little Rock, AR, "Guided Care: Integrating
High Tech and High Touch"
 Georgetown University's <i>The 21st Century Challenge: Providing and Paying for Long-Term Care</i>, Washington, DC, "Integrating Medical and Supportive Continuing Services" Purdue University's <i>Symposium on Life Course Inequality: Antecedents and Consequences</i>, West Lafayette, IN, "The Future of Health Care for Older People: Will the Disadvantaged be Left Behind?"
Harvard Medical School/Beth Israel Deaconess Medical Center's <i>Geriatrics Grand Rounds</i> ,
Boston, MA, "Improving the Health Care of Older People"
Johns Hopkins Bloomberg School of Public Health's <i>Lipitz Seminar</i> , Baltimore, MD, "Stemming
the Tide of Disability among Older Americans" University of Rochester Geriatric Education Center's <i>Annual Geriatrics Symposium</i> , Rochester,
NY, "Cost-Effective Care of Older Populations in the Future"
University of Alberta's <i>Medical Grand Rounds</i> , Edmonton, Alberta, Canada, "Good Medicine for
Old People: What will it Demand of Us?"
University of Pittsburgh's <i>Internal Medicine Grand Rounds</i> , Pittsburgh, PA, "Improving the
Health Care of Older Populations"
University of Kansas Center on Aging's <i>Visiting Professor</i> , Kansas City, KS, "Research Seminar" and "Future Care of Older Populations"
Dartmouth Medical School's Internal Medicine Grand Rounds, Hanover, NH, "Geriatrics in the 21st Century"
Albert Einstein Medical Center's <i>Internal Medicine Grand Rounds</i> , Philadelphia, PA, "Risk Assessment in Medicare Patients"
University of Puerto Rico School of Medicine's 2nd Conference on Health Promotion, San Juan, PR, "Innovative Systems of Care for Older Populations"
Invited Seminars - Governmental agencies
Medicare-Medicaid Integration Program's 2003 Annual Meeting, Baltimore, MD,
"Guided Care: to Improve the Quality of Care for Dually Eligible Seniors with Complex Health Care"
Capital Health Association's 2002 <i>Geriatric Services Planning Session</i> , Edmonton, Alberta, "Integrating Acute Geriatric Services"
Medicare-Medicaid Integration Program's 2002 Annual Meeting, Baltimore, MD, "Case Management for Dual Eligibles"
Health Care Financing Administration's 1996 National Research Conference on Managed Care and Persons with Disability, Harbourtowne, MD, "Identifying High-Risk Medicare HMO Members"
Veterans Administration Medical Center's <i>Medical Grand Rounds</i> , Minneapolis, MN, "Stemming the Tide of Disability among Older Americans"
Veterans Administration Medical Center's 1996 <i>Seminar on Aging</i> , Minneapolis, MN, "Monitoring and Modifying Health Risks in Older Populations"

Invited Seminars - Trade associations

- Forum Managed Care's *Annual Symposium*, Zurich, Switzerland, "Prediction Models for Hospital Admission and Physician Visits in Community-Dwelling Older Persons"
- National Disease Management Association's *Annual Conference*, Chicago, IL, "Predicting the Need for Long-Term Care in the Future"
- Case Management Society of America's Annual Conference, Denver, CO, "Guided Care"
- National Chronic Care Consortium's *Primary Care Team: Cornerstone of the CCN*, Detroit, MI, "Innovations in Chronic Care"
- The HMO Group's *Clinical Management of the Senior Population in an HMO Environment*, San Francisco, CA, "Identifying the Special Needs of the Senior Population in Managed Care: Assessment Strategies"
- The HMO Group's *Clinical Management of the Senior Population in an HMO Environment*, Boston, MA, "Identifying the Special Needs of the Senior Population in Managed Care: Assessment Strategies"
- Blue Cross Blue Shield Association's *Best Practices in Medical Management*, San Francisco, CA, "Identification of and Appropriate Interventions for High-Risk Seniors"
- American Association of Health Plans' 1996 Institute: Defining Health Care for the 21st Century, New Orleans, LA, "Classifying the Risk Level of Older Health Plan Members"
- Blue Cross Blue Shield Association's *Senior Care Best Practices Forum*, Chicago, IL, "Targeting Elders for Geriatric Evaluation and Management"

Invited Seminars - Extramural continuing education conferences

- Summa Health System's *Medical Grand Rounds*, Akron, OH, "Guided Care: Integrating High Tech and High Touch"
- Johns Hopkins School of Nursing's *Hot Topics in Advance Practice Nursing*, Baltimore, MD, "The Role of Nursing in the Future Care of Older People with Chronic Conditions"
- Case Western Reserve University School of Medicine's *Family Practice Review*, Cleveland, OH, "Future Health Care for Older People with Chronic Illness"
- Kaiser Permanente's 2000 Elder Care Symposium, Long Beach, CA, "Evidence-Based Geriatric Medicine--What Works and What Doesn't?"
- Scripps Clinic's Medical Grand Rounds, La Jolla, CA, "Innovative Care of Older People"
- International Business Communications' Personalized Health Management, Beverly Hills, CA,
 - "Screening and Preventive Programs for High-Risk Elderly Patients: Who is at Risk and What is Being Done About It?"
- International Business Communications' *Managing the Senior Population in a Managed Care Environment*, Cambridge, MA, "Identifying High-Risk Members of Older Populations and Systems of Care for the 21st Century"
- Institute for International Research's *Fourth Annual Medicare Managed Care Congress*, Coral Gables, FL, "Implementing a Health Risk Screening Tool--the First Step Toward Population Based Care"
- International Business Communications' Assessing and Reducing Health Risk in Medicare/Medicaid Populations, Chicago, IL, "Early Identification of High-Risk Persons"
- Alliance for Healthy Aging's 1995 Clinical Leadership Series Institute-- Managing Health Outcomes in an Aging Population: Risks and for Healthy Aging's Innovative Approaches to

Caring for Older Persons, Scottsdale, AZ, "Screening Populations to Identify High-Risk Elderly Persons"

Community service

High school volunteer baseball coach, Baltimore City College, Baltimore, MD, 2010 Community youth basketball coach, Timonium, MD, 2007-2010 Little league baseball coach, Roland Park Recreation, Baltimore, MD, 2002-2008 Youth soccer coach, Mount Washington Recreation, Baltimore, MD, 2002-2003 Little league baseball coach, Parks and Recreation, St. Paul, MN, 2000-2001 Gifted and Talented Parent Advisory Committee, St. Paul Public Schools, MN, 1998-2001 Health Commentator, WLTE-FM, Minneapolis, MN, 1994 Contributing author, Good Age, 1994 Contributing author, Minnesota Senior News, 1994 Health commentator, KARE-TV, Minneapolis, MN, 1994 Speaker, AMA-ABA program to prevent childhood substance abuse, St. Paul, MN, 1994 Panelist, "Health Talk and You," KTCI-TV, Minneapolis, MN, 1991-1996 Secretary-Treasurer and Member of the Board of Directors, National Public Telecomputing Network, 1989-93 Contributing author, Newsletter of Parenting, 1985 Health commentator (daily), WERE-AM, Cleveland, OH, 1984-85 Educational Grants "Training in Gerontological Health Services Research," 1 T32 AG023485, AY 2004-09, Principal Investigator "Grants for Graduate Training in Family Medicine," DHHS #5D15PE19111-08, AY 1987-88, Principal Investigator, \$84,240 "Family Practice Residency Education," California #80-75002A7, AY 1987-88, Principal Investigator, \$103,230 "Interdepartmental Geriatrics Fellowship," California Academic Geriatric Resource Program, AY 1987-88, Principal Investigator, \$16,697 "Family Medicine Geriatric Fellowship," California #86-20120 A1, AY 1987-88, Principal Investigator, \$44,550 "Grants for Graduate Training in Family Medicine," DHHS #5D15PE19111-07, AY 1986-87, Principal Investigator, \$84,240 "Family Practice Residency Education," California #80-75002 A4, AY 1986-87, Principal Investigator, \$86,025 "Rural Family Practice Education, San Diego-Imperial County Rural Area Health Education

- Center, October 1986-September 1987, Principal Investigator, \$12,960 "Family Medicine Geriatrics Fellowship," California Office of Statewide Health Planning and Development, AY 1986-87, Principal Investigator, \$27,700
- "Rural Family Practice Education," San Diego-Imperial County Rural Area Health Education Center, October 1985-September 1986, Principal Investigator, \$21,600
- "Grants for Graduate Training in Family Medicine," DHHS #5D15PE1534102, AY 1985-88, Coauthor, \$247,000

Personal statement of research and research objectives

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

My present research interest centers on the development and testing of novel approaches to organizing, financing and delivering health care to older populations. I am particularly interested in collaborating with others to improve the outcomes experienced by people whose chronic illnesses require care that spans the hospital, post-acute, and home care settings.

Keywords: health services research, geriatrics, outcomes research, interdisciplinary care

Attachment 3

Curriculum Vitae

Last Updated: 06/04/2018

PERSONAL DATA

Name: Benjamin R. Chan Citizenship: United States

EDUCATION

	11	
<u>Years</u>	<u>Degree</u>	Institution (Area of Study)
1995 - 1996		University of Notre Dame
		South Bend, IN
1998 - 2000	B.A.	Stanford University (Psychology, Minor in Human Biology)
		Stanford, CA
2000 - 2004	M.D.	University of Utah (Medicine)
		Salt Lake City, UT
2004 - 2007	Resident	George Washington University (General Psychiatry)
		Washington, D.C.
2007	Fellow	George Washington Hospital (Residency Fellowship in Health Policy
		(R.F.H.P.))
		Washington, D.C.
2007 - 2009	Fellow	University of Maryland (Child & Adolescent Psychiatry)
		Baltimore, MD
2008 - 2009	Chief Resident	University of Maryland
		Baltimore, MD
2014 - 2016	M.B.A.	University of Utah
		Salt Lake City, UT
2014 - 2018	M.Ed.	University of Cincinnati
		Cincinnati, OH

BOARD CERTIFICATIONS

10/01/2010 - PresentAmerican Board of Psychiatry & Neurology (Psychiatry), Certified11/01/2011 - PresentAmerican Board of Psychiatry & Neurology (Child & Adolescent Psychiatry),
Certified

CURRENT LICENSES/CERTIFICATIONS

2006 - Present	State License (VA) - Physician (MD)
2010 - Present	State License (UT) - Physician (MD)

ACADEMIC HISTORY

Psychiatry (Child Psychiatry), 08/01/2010 - Present

08/01/2010	Hire, Clinical/(Clinical) Track, Instructor (Clinical)
07/01/2013	Promotion, Assistant Professor (Clinical)
07/01/2013	Promotion, Assistant Professor (Clinical)
07/01/2018	Promotion, Associate Professor (Clinical)

PROFESSIONAL EXPERIENCE

Attachment 3

Full-Time Positions

2009 - 2010	Mental Health-Primary Care Psychiatrist, Veterans Affairs (VA) Northern
	California Health Care Systems, Oakland, CA
2010 - 2011	Instructor of Child & Adolescent Psychiatry - Neurobehavior Healthy Outcome
	Medical Excellence (HOME) Clinic, University of Utah, Salt Lake City, UT
2011 - Present	Hospitalist (Inpatient Attending Child and Adolescent Psychiatrist), University of
	Utah Neuropsychiatric Institute (UNI), Salt Lake City, Utah

Editorial Experience

2016 - Present Editor for MedEd Portal Submissions (Medical Education and Psychiatry) Assign reviewers to submissions for medical education and/or psychiatry, organize and read through their feedback, and then incorporate my own feedback for the author(s) to improve their submission. After revisions, work with Editor-in-Chief to determine if article is ready for publication.

Reviewer Experience

Reviewer for MedEdPortal Submissions and Publications

Associate Editors would assign medical education and psychiatry submissions to review and give feedback on how to improve for possible acceptance for submission.

ADMINISTRATIVE EXPERIENCE

Administrative Duties

2008 - 2009	Chief Fellow/Resident, provided teaching in medical school to students, resident
	physicians, arranged multiple seminars, performed administrative duties.
2012 - 2017	Assistant Dean, Office of Admissions for the University of Utah School of
	Medicine - in charge of admissions process for 1500+ pre-medical applicants every
	year, help facilitate process with Interview, Selection, Review, and Luncheon
	Committee, work with pre-medical advisors in Utah and Idaho, assist in choosing
	qualified pre-medical applicants admittance to medical school.
2014 - 2017	Assistant Dean, Office of Idaho Affairs - Liaison with Idaho State Board of
	Education, Idaho Medical Association, and other entities to ensure interests of
	Idaho medical students are reflected at the University of Utah School of Medicine.
2017 - Present	Associate Dean, Admissions/Idaho Affairs, University of Utah School of Medicine

Professional Organization & Scientific Activities

2006 - 2007	Member, Washington Psychiatric Society, Committee on Disaster Response to the
	International Community. Worked with local embassies to treat foreign nationals in
	case of disaster.
2008 - 2009	Regional Representative, American Academy of Child and Adolescent Psychiatry
2012 - 2014	Member, American Academy of Child and Adolescent Psychiatry, Early Career
	Psychiatrist (ECP) Committee
2015 - Present	Committee Member, Idaho Medical Association, Idaho Graduate Medical
	Education (GME) Leadership Committee - Committee formed to explore ways to
	increase GME opportunities within Idaho.
2015 - Present	Committee Member, Idaho Medical Association, Medical Education Affairs
	Committee - Designed to explore ways to increase opportunities for undergraduate
	medical education within Idaho, including preceptor rotations.

2016 - Present	Advisory Committee Member, Association of American Medical Colleges,
	Situational Judgment Test (SJT) - examining how SJT can be added to Medical
	College Admission Test (MCAT).
2016 - Present	Advisory Committee Member, Association of American Medical Colleges,
	Anatomy of an Applicant - review candidates and criteria for different types of
	applicants to be featured within the AAMC for training and learning purposes.
2017 - Present	Board Member, Stanford Alumni Association, Meet with other board members to
	coordinate and recruit for different Stanford events in Utah.
2017 - Present	Committee Member, Association of American Medical Colleges, Competency
	Based Medical Education Language Project - I have been asked to help write a
	"white paper" helping to define terms between undergraduate education, UME, and
	GME in regards to competencies, milestones, and EPAs.

Grant Review Committee/Study Section

2014 - Present	Rural Physician Incentive Program (RPIP) for Idaho - Committee member who evaluates annual loan repayment applications for Idaho physicians who practice in
	Health Professional Shortage Areas.
2014 - Present	Rural Health Care Access Program (RHCAP) for Idaho - Committee member who evaluates annual grants that improve Idaho health care communities in their access to primary medical and dental care.

PROFESSIONAL COMMUNITY ACTIVITIES

2015 - Present	Committee Member, Utah Family Medicine Consortium, Explore ways to improve
	family medicine residency positions, teaching opportunities, and other ways to
	improve access to primary care in the state of Utah.
2016 - Present	Chair, Stanford University, Outreach Volunteer Alumni Link (OVAL) Utah
	Chapter Chair - coordinate alumni interviews for undergraduate admissions to
	Stanford University. Also includes activities such as information sessions and
	college fairs.

UNIVERSITY COMMUNITY ACTIVITIES

College Level	
2010 - 2012	Interviewer, School of Medicine Admissions Interview Committee, Interviewed
	medical school applicants for admission to the School of Medicine.
2012 - Present	Committee Member, School of Medicine, Education Steering Committee. Guides
	educational content and programs within the University of Utah School of
	Medicine.
2012 - Present	Committee Member, School of Medicine Scholarship Committee, Reviews
	scholarship applications and gives advice and votes on who to award financial
	scholarships based on merit as well as need at the University of Utah School of
	Medicine.
2013	Member, School of Medicine, Search Committee for selection of Associate Dean of Student Affairs for UUSOM.

- Attachment 3
- 2016 Faculty Speaker, School of Medicine, Spoke at Building the Next Generation of Academic Physicians (BNGAP) about application process for the different health science fields.

Programs, Centers & Institutes

2012 Search Committee, University of Utah Graduate Program in Genetic Counseling, Interviewed and helped select for new Associate Director of UUGPGC program.

SERVICE AT PREVIOUS INSTITUTIONS

2008 - 2009	Coordinator, University of Maryland at Baltimore, Klingenstein Third Generation
	Foundation Fellowship. Fellow Coordinator of program to encourage med student
	interest/research into child psychiatry.
2009 - 2010	Member, VA Northern California Health Care System, Quality Improvement
	Committee, Problem-solved multiple issues to improve health care for Bay Area
	Veterans.

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Academy of Child and Adolescent Psychiatry Idaho Medical Association Utah Medical Association

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course and Curriculum Development

2013 - Present	Introduces third year medical students to child and adolescent psychiatry as part of
	their general psychiatry clerkship - also develops curriculum for these same
	medical students involving didactic lectures, task cards, and syllabus.

Courses Directed

2014 - Present Created and organized a fourth year elective for medical students called "Medical School Admissions: Theory and Practice" - this 2 weeks elective is an opportunity for medical students to not only participate in the process, but to learn about the history of admissions and current practices.

Course Lectures

2011	Instructor (1): MS2013 End of Y2 Assessments - MS2013 End of Y2 OSCE - Full
	H+P Station Preceptors, University of Utah
2011	Instructor (1): MS2013 Psychiatry Clerkship - Child Psychiatry, University of Utah
2011	Instructor (1): MS2013 Psychiatry Clerkship - Child Psychiatry, University of Utah
2011	Instructor (1): MS2014 B+B - Developmental and Learning Disorders, University
	of Utah
2011	Instructor (1): MS2013 Psychiatry Clerkship - Child Psychiatry, University of Utah
2011	Instructor (1): MS2013 Psychiatry Clerkship - Child Psychiatry, University of Utah
2012	Instructor (1): MS2013 Psychiatry Clerkship - Child Psychiatry, University of Utah
2012	Instructor, MS2015 End of Y1 Assessments - MS2014 End of Y1 OSCE - Full
	H+P Station Preceptors, University of Utah

2012	Instructor (1): MS2014 Psychiatry Clerkship - Intro to Child Psychiatry, University of Utah
2012	Instructor (1): MS2014 Psychiatry Clerkship - Intro to Child Psychiatry, University of Utah
2012	Instructor, University of Utah. MS2016 - Preceptor for reviewing First Year Medical Students during their initial standardized patient interviews
2013	Instructor (1): MS2016 End of year 1 exam - MS2016 End of Year 1 OSCE, University of Utah
2013	Instructor (1): MS2016 End of year 1 exam - MS2016 End of Year 1 OSCE, University of Utah
2014	Facilitator, PSYCT: Layers of Medicine - Medical Culture - Small Groups, University of Utah, Psychiatry
2014	Facilitator, PSYCT: Layers of Medicine - Kryptonite- Small Groups, University of Utah, Psychiatry
2014	Facilitator, PSYCT: Layers of Medicine - Power- Small Groups, University of Utah, Psychiatry
2014	Facilitator, PSYCT: Layers of Medicine - Shame- Small Groups, University of Utah, Psychiatry
2014	Facilitator, PSYCT: Layers of Medicine - Medical Missions - Small Groups, University of Utah, Psychiatry
2014	Facilitator, PSYCT: Clinical Medicine - CMC I: LC Expanding and Clarifying the Patient Story; Recording the History, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC II: Confidentiality and Professionalism, University of Utah, Psychiatry
2015	Primary Instructor, MD ID 7240 (1): MSATP, 32 SCH, 16 students, University of Utah, Office of the Dean/Medicine
2015	Facilitator, PSYCT: Clinical Medicine - CMC II Patient Presentation 1, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC II Inpatient ELO 2, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC II Patient Presentations, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC II Inpatient ELO 3, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC II Case-based Exam: MSK and Skin , University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC II Inpatient ELO 4, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC II Inpatient ELO 5, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC II Patient Presentation, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC II Inpatient ELO 6, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC II PE Skills Review, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC III: LC Activity: Medication Counseling, University of Utah, Psychiatry

2015	Facilitator, PSYCT: Clinical Medicine - CMC III: Inpatient ELO 1, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC I: Subjectivity in Medicine, University
2015	of Utah, Psychiatry Facilitator, PSYCT: Clinical Medicine - CMC III: LC Oral Patient Presentations,
2015	University of Utah, Psychiatry Facilitator, PSYCT: Clinical Medicine - CMC III: Advanced Abd Exam Maneuvers
2015	, University of Utah, Psychiatry Facilitator, PSYCT: Clinical Medicine - CMC III: Inpatient ELO 2, University of
2015	Utah, Psychiatry Facilitator, PSYCT: Clinical Medicine - CMC III: Advanced Interviewing: What to
	do when OPQRST doesn't work; The Differential Driven History and Physical, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC III: Advanced Communication Skills: Motivational Interviewing, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC III: Professional Communication, Presentation Skills, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC III: Case Based Exam & Clinical Reasoning, University of Utah, Psychiatry
2015	Facilitator, PSYCT: Clinical Medicine - CMC III: Inpatient ELO 3, University of
2015	Utah, Psychiatry Facilitator, PSYCT: Clinical Medicine - CMC III: Inpatient ELO 4, University of
2015	Utah, Psychiatry Facilitator, PSYCT: Clinical Medicine - CMC III: Inpatient ELO 5, University of
2015	Utah, Psychiatry Facilitator, PSYCT: Clinical Medicine - CMC III: Discerning Types of Angina,
2016	University of Utah, Psychiatry Facilitator, PSYCT: Clinical Medicine - CMC IV Week 1 History and Physical
2016	Skills, University of Utah, Psychiatry Facilitator, PSYCT: Clinical Medicine - MS2018 CMC IV Intro to CMC IV Week
2016	1: Writing Lab, University of Utah, Psychiatry Primary Instructor, MD ID 7240 (1): MSATP, 62 SCH, 31 students, University of
2016	Utah, Office of the Dean/Medicine Facilitator, PSYCT: Clinical Medicine - CMC IV Week 2 Advanced Interviewing,
	University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine - CMC IV Week 4: Clinical Reasoning Activity, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine - CMC IV Week 4: Physical Exam Practice, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine - CMC IV Week 5 Intro to Inpatient SOAP Note, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine - CMC IV Week 6 Symptom based illness scripts, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine - CMC IV Week 6 Case based clinical reasoning & PE, University of Utah, Psychiatry

2016	Facilitator, PSYCT: Clinical Medicine - CMC IV Week 8 Physical exam case based practice, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine - CMC IV Week 8 SOAP Notes, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine - CMC V: Essential Skills for Success in 3rd Yr Cont, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine - MS2020 CMC I Week 3: Vital signs practice, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine - MS2020 CMC I Week 2: Interviewing and the Health History, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine - MS2020 CMC I Week 2: Standardized Patient video review feedback, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine 1 - CMC I MBTI Session, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine 1 - CMC I Pulmonary Exam, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine 1 - CMC I CV/ PV, University of Utah, Psychiatry
2016	OSCE Grader, PSYCT: Clinical Medicine 1 - CMC I Midterm Assessment, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine 1 - CMC I Abd Exam, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine 1 - CMC I Advanced History Taking Skills, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine 1 - CMC I Infection Control & Venipuncture, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine 1 - CMC I HEENT & CN, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine 1 - CMC I MSK & PN, University of Utah, Psychiatry
2016	Facilitator, PSYCT: Clinical Medicine 1 - CMC I Review for Final Assessment, University of Utah, Psychiatry
2016	OSCE Grader, PSYCT: Clinical Medicine 1 - CMC I Final OSCE Day 1, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Intro to CMC II, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - The Mental Status Exam, Pediatric Patients, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Thyroid & Lymph Nodes, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Inpatient ELO Students 1 & 2, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Musculoskeletal Exam, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Inpatient ELO Students 3 & 4, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Case-based Physical Exam; The Assessment and Plan & Patient Interviews, University of Utah, Psychiatry Chan, Page 7

2017	OSCE Grader, PSYCT: Clinical Medicine 2 - CMC II Midterm OSCE, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Skin Exam, Patient Presentations, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Inpatient ELO Students 5 & 6, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Inpatient ELO student 11 & 12 / Make- up ELO's, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Inpatient ELO student 7 & 8, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Inpatient ELO 9 & 10, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Patient Presentations, PE Review, Case Based Exam Practice, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - Female Sexual History, University of Utah, Psychiatry
2017	Facilitator, PSYCT: Clinical Medicine 2 - CMC II Final OSCE Review, University of Utah, Psychiatry
2017	OSCE Grader, PSYCT: Clinical Medicine 2 - CMC II Final OSCE, University of Utah, Psychiatry

Small Group Teaching

2014 - Present	Clinical Method Curriculum Faculty member - Lead a weekly small group (10
	medical students) in physical exam skills, medical decision making, and other areas
	for the Classes of 2018 and 2020.

Trainee Supervision

Fellow	
2016	Supervisor, Pagel, University of Utah. Supervised Child & Adolescent Psychiatry
	Fellow while on the inpatient child & adolescent psychiatry service.
2018	Supervisor, Barratt, University of Utah. Supervised Child & Adolescent Psychiatry
	Fellow while on the inpatient child & adolescent psychiatry service.
2018	Supervisor, Martineau, University of Utah. Supervised Child & Adolescent
	Psychiatry Fellow while on the inpatient child & adolescent psychiatry service.
Resident	
2017	Supervisor, Dwyer, University of Utah. Supervised Triple Board Resident while on
	the inpatient child & adolescent psychiatry service.
2018	Supervisor, Gibney, University of Utah. Supervised Triple Board Resident while on
	the inpatient child & adolescent psychiatry service.
Medical Student	
2015 - 2016	Advisor/Mentor, Manotas, University of Utah. Mentored medical student through
	the match application and process until she successfully matched into psychiatry.
	Trainee's Current Career Activities: Currently a psychiatry resident here at the
	University of Utah School of Medicine.

2016 - 2017	Advisor/Mentor, Benson, University of Utah. Mentored medical student through the match application and process until she successfully matched into psychiatry. <i>Trainee's Current Career Activities:</i> Currently a psychiatry resident here at the University of Utah School of Medicine.
2017 - 2018	Advisor/Mentor, Ford, University of Utah. Mentored medical student through the match application and process until she successfully matched into psychiatry. <i>Trainee's Current Career Activities:</i> Currently a psychiatry resident at Tripler Army Psychiatry Residency Program in Hawaii
2017 - 2018	Advisor/Mentor, Kasera, University of Utah. Mentored medical student through the match application and process until she successfully matched into psychiatry. <i>Trainee's Current Career Activities:</i> Currently a psychiatry resident at University of North Carolina

Educational Lectures

Didactic Lectures	
2011	Taught course on introduction to child and adolescent psychiatry to 3rd year
	medical students during their Psychiatry Clerkship.
2011	Taught course on introduction to child and adolescent psychiatry to 3rd year
	medical students during their Psychiatry Clerkship.
2011	Taught course on introduction to child and adolescent psychiatry to 3rd year
	medical students during their Psychiatry Clerkship.
2011	Taught course on introduction to child and adolescent psychiatry to 3rd year
	medical students during their Psychiatry Clerkship.
2012	Taught course on introduction to child and adolescent psychiatry to 3rd year
	medical students during their Psychiatry Clerkship.
2013	Taught third year medical students on how to interview children and
	adolescents.
2013	Taught third year medical students on psychopathology seen in children and
	adolescents.

Continuing Education

CE Courses Taught	
2018 - Present	Practical Tips and Tools for Teaching in Clinic, University of Utah School of
	Medicine and University of Washington School of Medicine, taught annually at

Idaho Medical Association Conference, Summer of 2018, 50 registrants

PEER-REVIEWED JOURNAL ARTICLES

- 1. Boroditsky L (2001). Does language shape thought? Mandarin and English speakers' conceptions of time. *Cognitive Psychology*, 43(1), 1-22.
- 2. Chan MM, Nohara M, **Chan BR**, Curtis J, Chan GM (2003). Lecithin decreases human milk fat loss during enteral pumping. *J Pediatr Gastroenterol Nutr*, *36*(5), 613-5.
- 3. Colbert-Getz JM, Pippitt K, Chan B (10/31/2015). Developing a situational judgment test blueprint for assessing the non-cognitive skills of applicants to the University of Utah School of Medicine, the United States. *J Educ Eval Health Prof, 12*(51).

NON PEER-REVIEWED JOURNAL ARTICLES

1. Hartman H, **Chan B** (8/10/2015). How to Create a Student Host Program. *MedEdPORTAL Publications*.

OTHER (Commentary/Letters/Editorials/Case Reports/Video/Film)

Video/Film/CD/Web/Podcast

- 1. **Chan B** (07/01/2014). Talking Admissions and Med Student Life [Podcast]. Salt Lake City, Utah: University of Utah and iTunes. Available: http://medicine.utah.edu/admissions/.
- Chan B (06/01/2016). YouTube Videos University of Utah School of Medicine Office of Admissions [Video]. Salt Lake City: YouTube. Available: https://www.youtube.com/channel/UCXeywUsK3aITXt2pvdKVWtg.

https://www.youtube.com/channel/UCAeywUsK3a11At2pvdKvwt

RECENTLY PUBLISHED ABSTRACTS (Last 3 Years)

- Chan B, Colbert-Getz J, Pippitt K (02/26/2017). Situational Judgment Test (SJT) compared to Multiple Mini Interview (MMI), Medical College Admission Test (MCAT), and Grade Point Average (GPA) [Abstract]. WGEA (Western Group of Educational Affairs) through the AAMC in Salt Lake City Utah.
- 2. Chan B (02/26/2017). Creation of 4th year elective for Medical School Admissions [Abstract]. WGEA (Western Group of Educational Affairs) through the AAMC in Salt Lake City Utah.

UNPUBLISHED POSTER PRESENTATIONS

- 1. Chan B (3/2002). Expanded Indian Nations at the Paul Ambrose Health Promotion Student Leadership Symposium. Poster session presented at Association of American Medical Colleges (A.A.M.C.) Conference, Palm Springs, CA.
- Chan B (11/03/2013). How Increased Emphasis on Recruitment and Retainment Led to a More Equitable 2013 Class for the University of Utah School of Medicine. Poster session presented at Association of American Medical Colleges (AAMC) Learn, Lead, Serve Annual Conference, Philadelphia.
- 3. Simonis J, Chan B (03/11/2015). *Does Increasing the Minimum Required Pre-Medical Grade Point Average for Application to the University of Utah School of Medicine Decrease Racial Diversity in Medical School?* Poster session presented at Annual Medical Student Scholarly Activity Symposium, Salt Lake City.
- Chan B, Himes D (02/25/2017). Engagement of accepted medical students as they transition into first year of medical school. Poster session presented at Western Group of Educational Affairs (WGEA) through the Association of American Medical Colleges, Salt Lake City.
- Pagel K, Chan B, Bilder D (02/25/2017). Introduction of Child & Adolescent Psychiatry into the 3rd Year Curriculum – Transition into residency and practice of medicine. Poster session presented at Western Group of Educational Affairs (WGEA) through the Association of American Medical Colleges (AAMC), Salt Lake City.

ORAL PRESENTATIONS

Keynote/Plenary Lectures

<u>National</u>

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

2018 - Present	Symposium on Innovations in Holistic Admissions - Organized and keynote speaker at symposium dedicated to advancing the Holistic Review Admissions process with guest speakers and workshops. Highlighted Standardized Video Interviewing (SVI), Situational Judgment Test (SJT), and Multiple Mini Interview (MMI). Attended by over 50 premedical advisors, admission officers and deans, etc.	
Meeting Presentati	ions (Not Published Abstracts and Not Unpublished Posters)	
International		
2017	P.Schaff, A.Caron, M.Blachman, B. Chan, G.Mejicano, S.Pfeil, <u>Critical</u> <u>Transitions: Developing a Healthy Professional Identity from Pre-Med into</u> <u>Practice</u> , Associational of American Medical Colleges (AAMC): Learn Serve Lead Annual Conference, Boston, MA, USA	
<u>National</u>		
2016	Presented at 2016 AAMC Professional Development Conference in St. Louis, MO - Presentation was entitled, "Expanding our Collaboration Efforts with Constituents to Develop Social and Behavior Science Competencies" - led breakout session.	
2017	B.Chan, B.Richards, <u>Local Situational Judgment Test (SJT)</u> , Association of Americal Medical Colleges (AAMC): Learn Serve Lead Annual Conference, Boston, MA, USA	
2017	L.Gruppen,K.Lomis,R.England,E.Holmboe,M.Turco, B.Chan , <u>Sharing Findings of</u> <u>the CBME Language Consensu Project</u> , Association of American Medical Colleges (AAMC): Learn Serve Lead Annual Conference, Boston, MA, USA	
Local/Regional		
2007	Residency Fellowship in Health Policy (R.F.H.P.) Presentation. Discussed legislation of the State Children's Health Insurance Program (S.C.H.I.P.) renewal and the impact it would have upon future policy and health.	
2007	Klingenstein Third Generation Foundation Presentation. Presented topic of Video Game Addiction to medical students, residents, and attending physicians.	
2012	University of Utah School of Medicine - Pre-medical Advisor Conference - Conducted meeting and presentations with pre-medical advisors from Utah and Idaho.	
Invited/Visiting Professor Presentations		
International		
2018	J.Daboub, B.Chan , S.Smith, <u>Perception of Medical School Applicants on the use</u> of a Standardized Video Interview in the UME Selection Process, AAMC Continuum Connections, Orlando FL, USA	
<u>National</u>		
2018	B.Richards, B. Chan , <u>Exploring Use of Measures of Non-Cognitive Traits in</u> <u>Admissions: Standardized Video Interviews (SVI) and Multiple Mini Interviews</u> (<u>MMI</u>), Western Group of Educational Affairs (WGEA) AAMC, Denver CO,	

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2018

Attachment 3

Local/Regional

2010	Gave Lecture to local Utah Chapter of NAMI (National Alliance of Mental Illness)
2012 - Present	on Atypical Anti-psychotics and Metabolic Syndrome. Utah Valley University, Orem, UT - Intermountain Premedical Conference - Present and discuss aspects of the University of Utah School of Medicine and the
2012	admissions process. Utah Valley University, Orem, UT - GEAR UP (Gain Early Awareness and Readiness for Undergraduate Programs) - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2012	Visiting Professor/Lecturer at Snow College, Ephraim, UT - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2012	Visiting Professor/Lecturer for University of Utah Undergraduate Class - UC 1020 - Successfully Starting to Prepare for Admissions to Medical School.
2012 - Present	Visiting Professor/Lecturer at Weber State University, Ogden, UT - Present and discuss aspects of the University of Utah School of Medicine and the admissions
2012 - Present	process. Visiting Professor/Lecturer at Dixie State College, St. George, UT - Present and discuss aspects of the University of Utah School of Medicine and the admissions
2012 - Present	process. Visiting Professor/Lecturer at Southern Utah University, Cedar City, UT - Rural Health Scholars Program - Present and discuss aspects of the University of Utah
2012 - Present	School of Medicine and the admissions process. Visiting Professor/Lecturer at University of Utah Alpha Epsilon Delta (AED) Honors Society Meeting, Salt Lake City, UT - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2012 - Present	Presentation to Future Doctors Program through the University of Utah Office of Inclusion and Outreach - Present and discuss aspects of the University of Utah School of Medicine and the admissions process to high school students.
2012 - Present	Visiting Professor/Lecturer at Westminster College, Salt Lake City UT - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2012	Visiting Lecture to Granite School District, Salt Lake City, UT- Presented and discussed aspects of the University of Utah School of Medicine and the admissions process to high school students.
2012 - Present	Visiting Professor/Lecturer to University of Utah undergraduate course, Salt Lake City, UT - Bioengineering 101 - Careers in Biomedical Engineering - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to University of Utah undergraduate course, Salt Lake City, UT - Physics of the Human Body - Present and discuss aspects of the
2013 - Present	University of Utah School of Medicine and the admissions process. Visiting Professor/Lecturer to Brigham Young University undergraduate course, Provo, UT - Preview of Medicine course - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	University of Utah School of Medicine and the admissions process. Visiting Professor/Lecturer to University of Utah undergraduate course, Salt Lake City, UT - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.

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2013 - Present	Visiting Professor/Lecturer to Utah Valley University undergraduate course, Orem, UT - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to the Spring Premedical and Health Science Conference (through Office of Inclusion and Outreach) - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to BYU-Idaho premedical students, Rexburg, ID - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to Utah State University undergraduate course, Logan, UT - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013	Visiting Professor/Lecturer to "What's up Doc?" Lecture series, Salt Lake City Library, Salt Lake City, UT - talked about autism and related disorders
2013	Visiting Professor/Lecturer to visiting Wyoming high school students through the Office of Inclusion and Outreach - Presented and discussed aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to Future Female Physicians premedical student organization - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to Northwest Nazarene University premedical student organization, Nampa, ID - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to College of Idaho premedical student organization, Caldwell, ID - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to Boise State University premedical student organization, Boise, ID - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to Salt Lake Community College (SLCC) premedical student organization, Salt Lake City, UT- Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to Latino Medical Student Association (LMSA) - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.
2013 - Present	Visiting Professor/Lecturer to Idaho State University premedical student organization, Idaho Falls, ID - Present and discuss aspects of the University of Utah School of Medicine and the admissions process.

Grand Rounds Presentations

2006	Neuropsychiatry Grand Rounds Presentation at George Washington University
	Hospital. Presented latest research on narcolepsy and possible treatments.
2006	Neuropsychiatry Grand Rounds Presentation at George Washington University
	Hospital. Presented latest research on dementia and possible treatments.
2007	Psychiatry Grand Rounds Presentation at George Washington University Hospital.
	Presented clinical case conference and led discussion about different treatment
	modalities.

OTHER SCHOLARLY ACTIVITIES

Other Scholarly Activities

2010 - 2011

Medical Scholars Program through the University of Utah School of Medicine designed to enable medical school faculty who are dedicated to education to develop greater skills as teachers, pursue scholarly activity in the field of education, and to become part of the educational leadership of the school.

JAKE ERICKSON, MBA/HCM

An accomplished healthcare executive experienced in overseeing operations of hospitals, ambulatory surgery centers, multispecialty clinics, long-term rehabilitation, and nursing home facilities. An effective change agent and a proactive leader who ensures the efficiency of the day-to-day operations of all Bingham Healthcare centers throughout Eastern Idaho. Executive member of Bingham Memorial Hospital's rapidly expanding healthcare system for more than 15 years.

EXPERIENCE

OCTOBER 2017 – PRESENT CHIEF EXECUTIVE OFFICER, BINGHAM HEALTHCARE

- Accountable for a staff of more than 1,000 employees, managed through an administrative team of five direct reports.
- Oversee all facets of Bingham Healthcare including all hospital operations, 110 employed physician group and 32 outpatient clinics
- Committed to improving the overall health and well-being of the citizens of Eastern Idaho through innovation, compassion, and exceptional service.
- Represents Bingham Healthcare at city and state events and meetings to ensure Eastern Idahoans and rural communities have access to the latest medical services and technology.

DECEMBER 2016 – OCTOBER 2017

CHIEF OPERATING OFFICER, BINGHAM MEMORIAL HOSPITAL

- Responsible for strategic facility planning, physician services outreach and expansion, construction/purchasing negotiations, and project management.
- Managed information technology strategies, and oversaw and negotiated physician employment agreements and joint ventures.
- Added urgent care services to the community as well as opened up several outpatient primary care and specialty clinics throughout the region.

AUGUST 2006 – DECEMBER 2016

ASSISTANT ADMINISTRATOR, BINGHAM MEMORIAL HOSPITAL

- Played an integral role in transforming a small, community-owned hospital from a small facility to an award-winning healthcare provider recognized for innovation, clinical excellence, and outstanding patient care delivered in a caring and compassionate manner.
- Oversaw the following departments: engineering, environmental services, construction, business development, and physician recruitment.
- Ensured Bingham Memorial had the most qualified group of healthcare specialists; initiated and launched physician recruitment efforts that led to a more than 200 percent increase in a world-class medical staff over 15 years.

- Responsible for a 115 percent increase in employee growth over 15 years. Bingham Memorial Hospital became the fifth largest employer in Bingham County.
- Efforts in this role contributed to a 600 percent increase in gross revenue, and ten times more surgeries performed in 2016 than in 2005.

SEPTEMBER 2004 – AUGUST 2006 ANESTHESIA TECHNICIAN, OGDEN REGIONAL MEDICAL CENTER

EDUCATION

SEPTEMBER 2006 MASTER OF BUSINESS ADMINISTRATION, UNIVERSITY OF PHOENIX

MAY 2004

BACHELOR OF SCIENCE BUSINESS ADMINISTRATION, WEBER STATE UNIVERSITY

SKILLS

- Dedicated to leading the way and continuing to improve the quality of care patients receive.
- Dynamic, results-oriented leader with a strong record of accomplishment for achieving and exceeding performance goals.
- Engaging communicator and relationship builder with expertise in organizational planning and increasing visibility of growth.
- Superior interpersonal skills, capable of resolving multiple and complex problems.

Attachment 3

Justin A. Glass, MD

Curriculum Vitae

Education:

- University of New Mexico School of Medicine, Albuquerque, NM, 1992 1997. MD degree 1997.
- Post-Sophomore Fellowship in Pathology, University of New Mexico, Department of Pathology, 1994-95.
- Trinity University, San Antonio, TX, 1987 1991, BS Chemistry 1991, Summa Cum Laude.

Postgraduate Training:

Faculty Development Fellow, University of Washington Family Medicine Residency Network, 2010-2011.

Junior Faculty Mentorship Program, Emory University, 2007-2008

Providence St. Peter Family Medicine Residency, University of Washington Affiliated Residencies, Olympia, WA, 1997 – 2000.

Work Experience:

Program Director, Family Medicine Residency of Idaho (FMRI), Aug 2013current.

Fulltime position with the following duties:

- Management of the educational program of an 16-11-11 residency with 20 family medicine faculty, 4 pediatricians, 2 behavioral medicine PhD faculty and 2 psychiatrists.
- Provide broad spectrum family medicine care
 - Inpatient medicine including ICU care
 - Prenatal care and L&D care (vaginal deliveries / c-section assists.
 - Outpatient faculty clinic and resident precepting
 - Treadmill, Colposcopy, LEEP, IUD, Nexplanon & skin procedures

Associate Director for Education, FMRI, March 2009 - August 2013.

- Fulltime faculty position with the following duties:
 - Broad spectrum family medicine care
 - Inpatient medicine including ICU care

- Prenatal care and L&D care (vaginal deliveries / c-section assists.
- Outpatient faculty clinic and resident precepting
- Treadmill, Colposcopy, LEEP, IUD, Nexplanon & skin procedures
- Coordinated the educational program (rotation curricular oversight / didactic program coordination) for FMRI residency network:
 - o 11-11-11 core residency
 - 3-3-3 & 2-2-2 rural training tracks
 - Highlights
 - Didactic lecture series that is Webex linked to remote sites to meet the needs of learners in our rural focused residency.
 - Utilization of IT tools to facilitate point-of-care access (mobile phone / laptop) to our curricular lectures / didactics for faculty / residents.
 - Established an incentive system to improve quality / timeliness of both charting and administrative duties (evaluations / procedural) logging in the FMRI system.
 - Chaired a joint faculty / resident committee that oversees educational functions of the residency.

Faculty physician, Family Medicine Residency of Idaho, October 2008-March 2009. Promoted to Associate Director as above in March 2009.

Assistant Professor, Department of Family and Preventive Medicine, Emory University, Decatur, GA, October 2005 – August 2008. Fulltime position supervising residents and medical students in outpatient / inpatient / ICU / obstetrical settings and providing direct patient care.

Family Medicine Physician, Northern Navajo Medical Center, Shiprock, NM Full-time IHS medical officer, 2000-2005.
Independent contractor (locums), June 2005-August 2007.
Duties included outpatient / inpatient / ICU /obstetrical care.
Medical care was provided for newborn, pediatric and adult patients.

Family Medicine Locums Physician, Pioneer Family Medicine, Lacey, WA, July – September 2005. Duties included outpatient / inpatient medical coverage for a physician on maternity leave. Medical care was provided for newborn, pediatric and adult patients.

Physician, Memorial Clinic Convenient Care Center, Olympia, WA,
 February 2000 – August 2000.
 Staff physician at urgent care center during / after residency training.

Physician, Providence St. Peter Hospital Satellite ER, Olympia, WA,

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August 1999 – August 2000. Staff physician on weekends at satellite ER during residency training.

Hospital Affiliations:

Physician, Saint Alphonsus Regional Medical Center, Boise, ID 2008 – current Active Privileges in Family Medicine Department

Physician, Saint Luke's Regional Medical Center, Boise, ID / Meridian, ID 2008 – current Active Privileges in Family Medicine Department

Awards:

Faculty of the Year Award, Family Medicine Residency of Idaho. 2011-2012.
Faculty of the Year Award, Family Medicine Residency of Idaho. 2009-2010.
Co-Rookie Faculty of the Year, Fam Med Residency of Idaho. 2008-09.
Outstanding Inpatient Teaching Award, Emory Family Med Residency, 2007-08.
Outstanding Inpatient Teaching Award, Emory Family Med Residency. 2007-08.
Outstanding Outpt Teaching Award, Emory Family Med Residency, 2006-07.
Outstanding Outpt Teaching Award, Emory Fam Medicine Residency, 2006-07.
Outstanding Didactic Teach Award, Emory Fam Medicine Residency, 2006-07.
Outstanding Health Care Provider, Navajo Area Indian Health Service, 2004.
Administrative Service Award, Northern Navajo Medical Center, 2001 – 2004.
Excellence in Family Medicine Award, Providence Health System, June 2000.
Alumni Outstanding Academic Achievement Award, UNM SOM, May 1997.
Alpha Omega Alpha, 1996.
Phi Beta Kappa, 1990.

Board Certification:

American Board of Family Medicine, 2000-2014.

Other Certifications:

ACLS, Expires 2020. NRP, Expires 2018. BLS, Expires 2020. ALSO, Instructor / Advisory faculty. Permanent with continued teaching.

Medical Licensure:

Idaho. Granted 6/30/08. Expiration 6/30/2018. Georgia. Granted April 2005. Inactive as of 2009 due to moving out of state. Washington. Granted August 1999. Expiration 10/30/19.

Professional Memberships:

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American Academy of Family Physicians, 1992 – 2018. Idaho Academy of Family Physicians, 2008-2018. Ada Country Medical Society, 2008-2018. Society of Teachers of Family Medicine, 2018.

Teaching:

- Associate Professor, Department of Family Medicine. University of Washington School of Medicine. 2013-current.
- Assistant Professor, Department of Family Medicine. University of Washington School of Medicine. 2011 2013.
- Clinical Instructor, Department of Family Medicine. University of Washington School of Medicine. 2009-2011
- Assistant Professor, Department of Family and Preventive Medicine, Emory University, 2005-2008.
- Volunteer Assistant Professor of Family and Community Medicine, UNM School of Medicine, 2001 – 2005. Preceptor for 1st – 4th year medical students at NNMC, 2000 – 2004.

Volunteer Faculty, Providence St. Peter Family Practice Residency, July 2002.

Committee Appointments / Positions:

Vice President, WWAMI Family Medicine Residency Network, 2018.
Medical Executive Committee, St. Alphonsus Regional Med Center, 2013-2018.
Medical Executive Committee, St. Luke's Regional Medical Center, 2013-2018.
Medical Education Committee, St. Luke's Regional Medical Center, 2013-2018.
ALSO Advisory Faculty Member, 2011 – current.
Bylaws Committee, St. Alphonsus Regional Medical Center, 2010-2017
Co-chair, Didactic Education Program, Emory University Dept of Family & Preventive Medicine, 2006-2008.
Vice Chief of Staff, Northern Navajo Medical Center, Shiprock, NM, 2003-05.
Chair, Clinical Practices Committee, Northern Navajo Medical Center, 2003-05.
Chair, Grand Rounds CME Conference, Northern Navajo Medical Center, 2001-04.
NNMC Medical Section Representative, 2002-03.
NNMC Resource Allocation Team Member, 2001-2003.
Chief Resident, Providence St. Peter Family Practice Residency, 1999-2000.

Publications:

Wheelock, C., Glass, J., St. Anna, L. Do Inhaled Steroids Reduce Bone Mineral Density and Increase Fracture Risk? *The J of Fam Prac.* August 2012. 61(8): 493-94.

Glass, J., Hoke T., Sun Rhodes, L., Leavitt, J. What are the most effective nonpharmacologic therapies for irritable bowel syndrome? In editorial review for the FPIN network (Help Desk Answer). February 2013.

Research:

Site Investigator, Look Ahead Study (Action for Health in Diabetes), Shiprock Site, National Institutes of Health, 2001 – 2005.

Outside Interests:

Runner (road and trail) Backpacking / hiking / camping Volunteer Medical Care Provider Friends of Haiti, Medical Mission to Grand Boulage, Haiti. Setup / staffed a mobile rural health clinic.Trips in October of most years. Open Door Clinic. Atlanta, GA. Staffed a medical student run free clinic on a monthly basis. 2005-2008. Emory PA Program's Migrant Health Outreach, Valdosta, GA, Staffed a mobile clinic in multiple migrant camps. June 2008.

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CURRICULUM VITAE

Melissa (Moe) Hagman, MD, FACP

PERSONAL DATA

Professional address	University of Washington
	Boise VA Medical Center
	500 W Fort St Mailstop 111R
	Boise, ID 83702
	Office 208-422-1000, ext. 7321
	Fax 208-422-1388
	Cell 208-695-9827

EDUCATION

1995 to 1999	Doctor of Medicine University of Washington, Seattle, WA
1991 to 1995	Bachelor of Science - Zoology major/Chemistry minor College of Idaho (formerly Albertson College of Idaho), Caldwell, ID

POSTGRADUATE TRAINING

2002 to 2003	Internal Medicine Inpatient Chief Residency University of Washington Medical Center, Seattle, WA
2000 to 2002	Primary Care Internal Medicine Residency University of Washington Affiliates, Seattle, WA and Boise, ID
1999 to 2000	Primary Care Internal Medicine Internship University of Washington Affiliates, Seattle, WA

FACULTY POSITIONS

Jul 2016 to Present	Program Director Boise Internal Medicine Residency Program University of Washington, Boise, ID
Jul 2012 to Present	Associate Professor, Department of Medicine Division of General Internal Medicine University of Washington, Boise VA Medical Center, Boise, ID
Jul 2011 to Jun 2016	Associate Program Director Boise Internal Medicine Residency Program University of Washington, Boise, ID
2011 to 2012	Assistant Professor, Department of Medicine Division of General Internal Medicine University of Washington, Boise VA Medical Center, Boise, ID

2008 to 2011	Associate Program Director for Curriculum Internal Medicine Residency Program University of Washington Affiliated Medical Centers, Seattle, WA
2007 to 2011	Assistant Professor, Department of Medicine Division of General Internal Medicine University of Washington Affiliated Medical Centers, Seattle, WA
2003 to 2007	Acting Instructor, Department of Medicine Division of General Internal Medicine University of Washington Affiliated Medical Centers, Seattle, WA

HOSPITAL POSITIONS

2011 to Present	Member, Palliative Care Team Boise VA Medical Center, Boise, ID
2010 to 2011	6NE Medical Director University of Washington Medical Center, Seattle, WA
2010 to 2011	Director, Hospital Medicine Team University of Washington Medical Center, Seattle, WA
2009 to 2011	Staff Physician, Internal Medicine Harborview Medical Center, Seattle, WA
2009 to 2011	Visiting Staff Physician, Internal Medicine Boise VA Medical Center, Boise, ID
2004 to 2011	Member, Palliative Care Consult Team University of Washington Medical Center, Seattle, WA
2003 to 2011	Member, Hospital Medicine Team University of Washington Medical Center, Seattle, WA

HONORS AND AWARDS

<u>National</u> 2015	Gold Humanism Honor Society University of Washington Chapter, Seattle, WA
2012	Top Doctor, America's Top Doctors 2012, Castle Connolly Medical Ltd.
2009	Best Doctor, Best Doctors in America® 2009-2010
2007	Fellow, American College of Physicians
2005	Academic Keys Who's Who in Medical Sciences Education
1998	Alpha Omega Alpha
<u>Regional</u> 2016	Richard M. Tucker WWAMI Faculty Excellence in Teaching Award

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	Awarded by the University of Washington Department of Medicine for dedication and excellence in medical student teaching throughout the WWAMI Region
2014	Clinician Educator Award, Northwest Region Society of General Internal Medicine
2013	Richard M. Tucker WWAMI Faculty Excellence in Teaching Award Awarded by the University of Washington Department of Medicine for dedication and excellence in medical student teaching throughout the WWAMI Region
<u>Local</u> 2015	Pharmacy Phriendly Award Presented by the Boise VA Medical Center Pharmacists
2013	Dr. Judd Lunn Memorial Teacher of the Year Presented by the third-year Idaho Track medical students on behalf of the Idaho WWAMI Medical Education Program
2012	Tina Juul-Dam Award Awarded by the Housestaff of the University of Washington Boise Internal Medicine Residency Program to the Teacher of the Year
2011	University of Washington Medical Center Teamwork, Leadership, and Caring Award
2009	Nominee, Marvin Turck Award Awarded by the University of Washington Department of Medicine for dedication and excellence in teaching
2009	Top Doctor, Hospitalist Category Seattle Metropolitan Magazine Top Doctor Selection
2009	Top Doctor, Hospitalist Category Seattle Magazine 9 th Annual Top Doctor Selection
2008	Top Doctor, Hospitalist Category Seattle Magazine 8 th Annual Top Doctor Selection
2007	Nominee, Marvin Turck Award From the University of Washington Department of Medicine for dedication and excellence in teaching
2006	University of Washington Dr. Paul Beeson Award From Medical Housestaff for "contributions in teaching and encouraging the pursuit of the highest ideals of a physician: scholarliness, humility, compassion and integrity"
2005	University of Washington Service Excellence Award Winner
2002	University of Washington School of Medicine Resident Excellence in Teaching Award
2000	Providence Seattle Medical Center Layman Award to Outstanding Medicine Intern

BOARD CERTIFICATION

2008	Certified, American Board of Internal Medicine, Hospice and Palliative Medicine Recertification exam scheduled for Nov 2018
2002, 2012	Certified and Recertified, American Board of Internal Medicine, Internal Medicine (Recertified through 2022)

OTHER CERTIFICATION

Jul 2017	Recertification, Collaborative Institutional Training Initiative (CITI), expires 2020
Apr 2017	Recertification, ACLS, expires 2019
Feb 2017	Recertification, BLS, expires 2019
Sep 2016	Society of General Internal Medicine Teaching Educators Across the Continuum
	of Healthcare (SGIM TEACH) Certification

MEDICAL LICENSURE

2012 to Present	Idaho State Medical License No. M-11626
2001 to 2013	Washington State Medical License No. MD00040136
2000 to 2002	Idaho State Medical License No. M-8053
1999 to 2000	Washington State Medical License No. ML20006306

PROFESSIONAL ORGANIZATIONS

2013 to Present	Member, Idaho Medical Association (IMA) Delegate to IMA, University of Washington Boise Internal Medicine Residency, 2013, 2014, 2016, 2017, 2018 Member, IMA Medical Education Affairs Committee, 2013-current Co-chair, IMA Medical Education Affairs Committee, 2018-current
2011 to Present	Member, Society of General Internal Medicine Northwest Region Immediate Past-President 2014 Northwest Region President 2013 Northwest Region President-Elect 2012 National Meeting Vignette Reviewer 2014, 2015, 2016
2008 to Present	Member, Association of Program Directors in Internal Medicine (APDIM) Lead, West Regional Networking Session at National Meeting, 2015-current Co-Director, ADPIM Chief Residents Meeting, 2012-2015 Member, APDIM Program Planning Committee, 2010-2015
2004 to 2011	Member, Washington State Medical Association
2000 to Present	American College of Physicians (ACP), Fellow Governor, Idaho Chapter, 2016-2020 Member, Executive Council of Board of Governors, 2016-2017 Class Representative, 2020 Governor Class, 2016 Governor-Elect, Idaho Chapter, 2015 Sentinel Reader, McMaster Online Rating of Evidence (MORE) Network, 2016-

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

current

	ouron
	National Meeting Clinical Vignette Reviewer, episodic including 2014, 2015
	Lead, Young Council of Physicians, Governor's Council, Idaho Chapter, 2012-2015
	Master of Ceremony, Annual Associate Medical Jeopardy Competition, Washington Chapter, 2003-current
	Advisor to Associates, Governor's Council, Washington Chapter, 2003-2010
	Associate Representative, Governor's Council, Washington Chapter, 2002-2003 Associate Representative, Governor's Council, Idaho Chapter, 2000-2001
1998 to Present	Alpha Omega Alpha
1997 to 1999	Sigma Xi, Scientific Research Society

TEACHING RESPONSIBILITIES

National	
Jul 28, 2018	Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
Jul 28, 2018	Speaker, "Solid Tumors," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
Apr 19-21, 2018	Moderator, "Doctors' Dilemma" Competition First, Second, and Final Rounds, American College of Physicians Internal Medicine Meeting 2018, New Orleans, LA
Apr 18, 2018	Speaker, "Palliative Care Pearls," CME Presentations, American College of Physicians, Advances in Therapy Precourse, New Orleans, LA
Mar 18, 2018	Co-Moderator, "Morning Report Workshop," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, San Antonio, TX
Mar 18, 2018	Co-Moderator, "Resident in Need," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, San Antonio, TX
Jul 19, 2017	Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
Jul 19, 2017	Speaker, "Solid Tumors," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
Mar 30-31, 2017	Moderator, "Doctors' Dilemma" Competition First and Second Rounds, American College of Physicians Internal Medicine Meeting 2017, San Diego, CA
Mar 19, 2017	Co-Moderator, "Morning Report Workshop," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Baltimore, MD
Mar 19, 2017	Co-Moderator, "Resident in Need," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Baltimore, MD
Jul 23, 2016	Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA

Jul 23, 2016	Speaker, "Solid Tumors," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
Apr 19, 2016	Co-Moderator, "An Interactive, Team-Based Clinical Problem Solving Competition with a High Value Care Twist," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Las Vegas, NV
Apr 18, 2016	Co-Moderator, "Morning Report Workshop," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Las Vegas, NV
Apr 18, 2016	Co-Moderator, "Resident in Need," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Las Vegas, NV
Jul 25, 2015	Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
Jul 25, 2015	Speaker, "Solid Tumors," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
Apr 28, 2015	Co-Moderator, "Four Concrete Skills for Lifelong Learning Workshop," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Houston, TX
Apr 27, 2015	Co-Moderator, "Morning Report Workshop," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Houston, TX
Apr 27, 2015	Co-Moderator, "Resident in Need," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Houston, TX
Apr 27-28, 2015	Co-Course Director, "Associate Program Directors in Internal Medicine Chief Resident Meeting," Houston, TX
Sept 12, 2014	Co-Moderator, "Clinical Competency Committee Topic-Based Networking Session," Association of Program Directors in Internal Medicine (APDIM) Meeting, Washington D.C.
Jul 26, 2014	Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
Jul 26, 2014	Speaker, "Solid Tumors," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
Apr 7-8, 2014	Co-Course Director, "Associate Program Directors in Internal Medicine Chief Residents Meeting," Nashville, TN
Apr 7, 2014	Moderator, "Morning Report Workshop," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Lake Buena Vista, Nashville, TN
Apr 7, 2014	Co-Moderator, "Problem Resident Workshop," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Lake Buena Vista, Nashville, TN
October 5, 2013	Co-Moderator, "Clinical Competency Committee Structures/Approaches Topic-

Based Networking Session," Association of Program Directors in Internal Medicine (APDIM) Meeting, New Orleans, LA

- Jul 20, 2013 Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
- Jul 20, 2013 Speaker, "Solid Tumors," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
- Apr 29-30, 2013 Co-Course Director, "Associate Program Directors in Internal Medicine Chief Residents Meeting," Lake Buena Vista, FL
- Apr 29, 2013 Co-Moderator, "Morning Report Workshop," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Lake Buena Vista, FL
- Oct 13, 2012 Moderator, "Exchanging SOAP Strategies Topic-Based Networking Session," Association of Program Directors in Internal Medicine (APDIM) Fall Meeting, Phoenix, AZ
- Jul 28, 2012 Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
- Apr 23, 2012 Moderator, "Morning Report Workshop," Association of Program Directors in Internal Medicine (APDIM) Chief Residents Meeting, Atlanta, GA
- Jul 23, 2011 Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
- Jul 21, 2010 Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
- Apr 24, 2010 Speaker, "Internal Medicine 2010 Highlights," American College of Physicians National Annual Session, Internal Medicine 2010 CME, Toronto, Canada
- Apr 21, 2010 Speaker, "New GI Drugs and Some Old Drugs with New Tricks," Advances in Therapy, American College of Physicians National Annual Session, Internal Medicine 2010 CME Precourse, Toronto, Canada
- Jul 15, 2009 Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
- Jul 2008 Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
- May 16, 2008
 Speaker, "Things That Have Changed My Inpatient Practice of Medicine," American College of Physicians National Annual Session, Internal Medicine 2008 CME, Washington D.C.
 Jul 11, 2007
 Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
- Jul 26, 2006 Speaker, "Allergy and Immunology," CME Presentation, American College of Physicians Board Review Course, Seattle, WA
- Jul 20, 2005 Speaker, "Pearls from A Recent Test Taker," CME Presentation, American College of Physicians Board Review Course, Seattle, WA

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Regional	
Jan 12, 2018	Speaker, "ABIM SEP Module Hospital Medicine 2017 Update," American College of Physicians Idaho State Annual CME Course, McCall, ID
Nov 2, 2017	Speaker, "ABIM SEP Module Hospital Medicine 2017 Update," American College of Physicians Washington State Annual CME Course, Seattle, WA
Apr 22, 2017	Co-Speaker, "ABIM SEP Module Hospital Medicine 2016 Update," American College of Physicians Alaska State Annual CME Course, Anchorage, AK
Apr 21, 2017	Speaker, "Articles that Have Changed My Inpatient Practice of Medicine 2016," American College of Physicians Alaska State Annual CME Course, Anchorage, AK
Jan 13, 2017	Speaker, "ABIM SEP Module Hospital Medicine 2016 Update," American College of Physicians Idaho State Annual CME Course, McCall, ID
Nov 10, 2016	Speaker, "ABIM SEP Module Hospital Medicine 2016 Update," American College of Physicians Washington State Annual CME Course, Seattle, WA
Jan 15, 2016	Speaker, "ABIM SEP Module Hospital Medicine 2015 Update," American College of Physicians Idaho State Annual CME Course, McCall, ID
Nov 5, 2015	Speaker, "ABIM SEP Module Hospital Medicine 2015 Update," American College of Physicians Washington State Annual CME Course, Seattle, WA
Jan 17, 2015	Speaker, "Articles That Have Changed My Practice of Inpatient Medicine 2014," American College of Physicians Idaho State Annual CME Course, McCall, ID
Jan 16, 2015	Speaker, "ABIM SEP Module Hospital Medicine 2014 Update," American College of Physicians Idaho State Annual CME Course, McCall, ID
Nov 6, 2014	Speaker, "Articles That Have Changed My Practice of Inpatient Medicine 2014," American College of Physicians Washington State Annual CME Course, Seattle, WA
Nov 6, 2014	Speaker, "ABIM SEP Module Hospital Medicine 2014 Update," American College of Physicians Washington State Annual CME Course, Seattle, WA
May 10, 2014	Speaker, "Doctors Dilemma®," American College of Physicians Alaska State Annual CME Course, Anchorage, AK
May 9, 2014	Hands-On Co-Instructor, "Ultrasound Workshop," American College of Physicians Alaska State Annual CME Course, Anchorage, AK
May 8, 2014	Speaker, "Help Doc, I'm Sick," American College of Physicians Alaska State
Feb 21, 2014	Annual CME Course, Anchorage, AK Speaker, "ABIM SEP Module Hospital Medicine 2013 Update," American College of Physicians Eastern Washington Annual CME Course, Spokane, WA
Feb 7, 2014	Workshop Co-Presenter, "Four Concrete Techniques for Lifelong Learning," Northwest Society of General Internal Medicine Meeting, Seattle, WA
Jan 19, 2014	Speaker, "Articles That Have Changed My Practice of Inpatient Medicine 2013," American College of Physicians Idaho State Annual CME Course, McCall, ID

Jan 19, 2014 Speaker, "Internal Medicine Jeopardy – Battle of the Minds," American College of Physicians Idaho State Annual CME Course, McCall, ID Speaker, "ABIM SEP Module Hospital Medicine 2013 Update." American College Jan 17, 2014 of Physicians Idaho State Annual CME Course, McCall, ID Nov 7, 2013 Speaker, "ABIM SEP Module Hospital Medicine 2013 Update," American College of Physicians Washington State Annual CME Course, Seattle, WA Instructor, "Lumbar Puncture," Introduction to Point of Care Ultrasound CME Oct 12, 2013 Course, Red Lodge, MT Nov 1, 2012 Speaker, "ABIM SEP Module Hospital Medicine 2011 Update." American College of Physicians Washington State Annual CME Course, Seattle, WA May 12, 2012 Speaker, "Doc, I'm Sick...What Do I Have?" American College of Physicians Alaska State Annual CME Course, Girdwood, AK May 11, 2012 Speaker, "Doctors Dilemma®," American College of Physicians Alaska State Annual CME Course, Girdwood, AK Co-Speaker, "Articles That Have Changed My Inpatient Practice of Medicine Feb 3, 2012 2011," Northwest Society of General Internal Medicine CME Course, Seattle, WA Feb 2, 2012 Co-Speaker, "Articles That Have Changed My Inpatient Practice of Medicine 2011," University of Washington Internal Medicine Grand Rounds CME, Seattle, WA Nov 5, 2011 Speaker, "Pearls for Managing Symptoms at End of Life," American College of Physicians Washington State Annual CME Course, Seattle, WA Jun 2, 2011 Speaker, "Teach Like a Champion," Workshop for Internal Medicine Clerkship Directors (from Washington, Wyoming, Alaska, Montana, and Idaho), University of Washington, Seattle, WA Apr 28, 2011 Speaker, "Recent Palliative Care Articles to Know About," Harborview Medical Center Palliative Care CNE Conference, Seattle, WA Apr 15, 2011 Speaker, "Medication Management at the End of Life," Current Concepts in Drug Therapy, University of Washington CME Course, Seattle, WA Speaker, "Palliative Care," Women's Health Update, University of Mar 24, 2011 Washington CME Course, Seattle, WA Speaker, "Palliative Care," Update in Hospital Medicine, University of Mar 11, 2011 Washington CME Course, Seattle, WA Mar 2011 Course Chair, Update in Hospital Medicine, University of Washington CME Course, Seattle, WA Co-Speaker, "Articles That Have Changed My Inpatient Practice 2010," Feb 4, 2011 Northwest Society of General Internal Medicine CME Course, Portland, OR Speaker, "Update in Palliative Care," Idaho American College of Physicians 34th Jan 15, 2011 Annual Winter CME Conference, McCall, ID

Nov 5, 2010	Speaker, "Morning Report," American College of Physicians Washington State Annual CME Course, Seattle, WA
Nov 2010	Co-Organizer (50%), American College of Physicians Updates for Hospitalists Precourse, Washington State Annual CME, Seattle, WA
Oct 29, 2010	Speaker, "Articles That Have Changed My Practice of Inpatient Medicine 2010," CNE Presentation, University of Washington Update in Medical-Surgical Nursing, Shoreline, WA
Oct 20, 2010	Speaker, "Palliative Care," American Association of Critical Care Nurses 39 th Annual CNE Symposium, Mountain to Sound Chapter, Shoreline, WA
Sep 12, 2010	Speaker, "Update in GI Drugs," Update in Family Medicine, University of Washington CME Course, Seattle, WA
May 21, 2010	Visiting Professor, "Management of End-Stage Liver Disease Complications," Spokane Internal Medicine Residency Program, Spokane, WA
Apr 16, 2010	Speaker, "Update in GI Drugs," Current Concepts in Drug Therapy, University of
Nov 7, 2009	Washington CME Course, Seattle, WA Speaker, "But Doc, I Saw It on TV and the Internet–Answers to the Questions Your Patients are Asking," American College of Physicians Washington State Annual CME Course, Seattle, WA
May 7, 2009	Speaker, "Constipation (Hooray!)," Current Concepts in Drug Therapy, University of Washington CME Course, Seattle, WA
May 2009	Course Chair, Current Concepts in Drug Therapy, University of Washington CME Course, Seattle, WA
Mar 25, 2009	Speaker, "Crucial Conversations in the ICU," CNE Presentation, University of Washington Update in ICU Nursing, Shoreline, WA
Feb 27, 2009	Speaker, "Articles That Have Changed My Inpatient Practice of Medicine," Madigan Army Medical Center Grand Rounds, Tacoma, WA
Jan 17, 2009	Speaker, "Things That Have Changed My Practice–Inpatient Medicine," Idaho American College of Physicians 32 nd Annual Winter CME Conference, McCall, ID
Nov 12, 2008	Speaker, "Things That Have Changed My Practice–Inpatient Medicine," Grand Rounds, Michigan State University, Kalamazoo Center for Medical Studies, Kalamazoo, MI
Nov 7, 2008	Speaker, "Palliative Care," American College of Physicians Washington State Annual CME Course, Seattle, WA
Nov 6, 2008	Speaker, "Things that Have Changed My Practice–Inpatient Medicine," American College of Physicians Hospitalist Precourse, Washington State Annual CME Course, Seattle, WA
Nov 2008	Co-Chair (50%), American College of Physician Washington State Annual CME Course, Seattle, WA
Sep 9, 2008	Speaker, "End-Stage Liver Disease," CME Presentation, University of Washington Family Medicine Review Course, Seattle, WA

Apr 24, 2008	Speaker, "Things That Have Changed My Inpatient Practice of Medicine," Boise VA Medical Center Grand Rounds, Boise, ID
Mar 27, 2008	Speaker, "End-Stage Liver Disease," Current Concepts in Drug Therapy, University of Washington CME Course, Seattle, WA
Mar 13, 2008	Speaker, "Palliative Care for the Hospitalist," Society of Hospital Medicine Northwest Regional Chapter Meeting, Seattle, WA
Mar 2008	Course Chair, Current Concepts in Drug Therapy, University of Washington CME Course, Seattle, WA
Nov 2007	Co-Organizer (50%), American College of Physicians Updates for Hospitalists Precourse, Washington State Annual CME, Seattle, WA
Nov 1, 2007	Speaker, "Things that Have Changed My Inpatient Practice of Medicine," American College of Physicians Updates for Hospitalists Precourse, Washington State Annual CME Course, Seattle, WA
Sep 27, 2007	Speaker, "Communication Among Healthcare Providers," CNE Presentation,
May, Jul 2007	University of Washington Update in Medical/Surgical Nursing, Shoreline, WA Speaker, "Nurse-Physician Communication," Madigan Army Medical Center CME, Tacoma, WA
May 31, 2007	Speaker, "Inpatient Procedure Pearls," Comprehensive Care of the Hospitalized Patient University of Washington CME, Seattle, WA
May 17, 2007	Speaker, "Drug Therapy for Symptom Management at End of Life," Current Concepts in Drug Therapy University of Washington CME, Seattle, WA
May 2007	Course Chair, Current Concepts in Drug Therapy, University of Washington CME Course, Seattle, WA
Nov 2006	Co-Organizer (50%), American College of Physicians Updates for Hospitalists Precourse, Washington State Annual CME, Seattle, WA
Nov 2006	Speaker, "Keeping Patients Out of Harm's Way," CNE Presentation, St. Joseph's Hospital 3 rd Annual Medical/Surgical Conference, Bellingham, WA
Oct 26, 2006	Speaker, "Symptom Management at the End of Life," CNE Presentation, University of Washington Update in Medical/Surgical Nursing, Shoreline, WA
May 25, 2006	Speaker, "Getting Rid of the Static: Improving Nurse-Physician Communication," Boise VA Medical Center Grand Rounds, Boise, ID
Apr 27, 2006	Speaker, "Getting Rid of the Static: Improving Outpatient Nurse-Physician Communication," University of Washington Update in Ambulatory Nursing CNE Course, Shoreline, WA
Mar 23, 2006	Speaker, "Management of Non-Pain, Non-Dyspnea Symptoms in End-of-Life Care," Harborview Medical Center Palliative Care CNE Conference, Seattle, WA
Nov 3, 2005	Speaker, "Keeping Your Patients Out of Harm's Way," CME Presentation, American College of Physicians Updates for Hospitalists Precourse, Washington State Annual CME Course, Seattle, WA

Nov 2005	Organizer (100%), American College of Physicians Updates for Hospitalists Precourse at Washington State Annual Meeting, Seattle, WA
Sep 30, 2005	Speaker, "Keeping Patients Out of Harm's Way," CNE Presentation, University of Washington Update in Medical/Surgical Nursing 2005 Conference, Shoreline, WA
May 6, 2005	Speaker, "Pain and Dyspnea Management in End-of-Life Care," Harborview Medical Center Palliative Care CNE Conference, Seattle, WA
Nov 4, 2004	Speaker, "Inpatient Issues in Liver Disease," CME Presentation, American College of Physicians Updates for Hospitalists Precourse, Washington State Annual CME Course, Seattle, WA
Nov 2004	Co-organizer (50%), American College of Physicians Updates for Hospitalists Precourse, Washington State Annual CME, Seattle, WA
Oct 21, 2004	Speaker, "Getting Rid of the Static: Improving Nurse-Physician Communication," University of Washington Update in Medical/Surgical Nursing CNE Course, Shoreline, WA
Sep 2003	Speaker, "Healthcare Issues for Men" and "Healthcare Issues for Women," Washington State Veterinary Medical Association Annual Convention, Kennewick, WA
Local	
Jun 1, 2017	Co-Speaker, "Making Mentoring Meaningful," Boise VAMC Interprofessional Faculty Development Series Workshop, Boise Veterans Affairs Medical Center, Boise, ID
Oct 6, 2016	Speaker, "Diagnostic Error," Boise VAMC Interprofessional Faculty Development Series Workshop, Boise Veterans Affairs Medical Center, Boise, ID
Feb 24, 2016	Speaker, "Articles That Have Changed My Inpatient Practice of Medicine 2015," Grand Rounds, St. Luke's Regional Medical Center, Boise, ID
Jan 28, 2016	Speaker, "Articles That Have Changed My Inpatient Practice of Medicine 2015," Grand Rounds, Boise Veteran Affairs Medical Center, Boise, ID
Dec 11, 2015	Speaker, "SGIM TEACH Program: Learning Climate," Society of General Internal Medicine Workshop, Boise Veterans Affairs Medical Center, Boise, ID
Sept 3, 2015	Speaker, "Gastroenterology," Med665 Course for Third-Year Medical Students on Internal Medicine Rotation, recurring (March 2016, Summer 2016), Seattle, WA
Mar 19, 2015	Speaker, "Articles That Have Changed My Inpatient Practice of Medicine 2014," Grand Rounds, Boise Veteran Affairs Medical Center, Boise, ID
Feb 11, 2015	Speaker, "Articles That Have Changed My Inpatient Practice of Medicine 2014," Grand Rounds, St. Luke's Regional Medical Center, Boise, ID
April 17, 2014	Speaker, "Palliative Care Tools," Grand Rounds, Boise Veteran Affairs Medical Center, Boise, ID
Mar 6, 2014	Speaker, "Articles That Have Changed My Inpatient Practice of Medicine 2013,"

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	Grand Rounds, Boise Veteran Affairs Medical Center, Boise, ID
Nov 1, 2013	Speaker, "ABIM SEP Module Hospital Medicine 2013 Update," Grand Rounds, Saint Alphonsus Medical Center, Boise, ID
Oct 1, 2013	Co-Instructor, "Lifelong Learning," Workshop, UW Boise Internal Medicine Residency Fall Retreat, Boise, ID
2013 to Present	Director/Instructor, UW Boise Internal Medicine Intern Procedure Simulation Course (Central Line, Thoracentesis, Paracentesis, Lumbar Puncture), Boise, ID
Mar 14, 2013	Speaker, "Articles That Have Changed My Inpatient Practice of Medicine 2012," Grand Rounds, Boise Veteran Affairs Medical Center, Boise, ID
Jan 30, 2013	Speaker, "Articles That Have Changed My Inpatient Practice of Medicine 2012," Grand Rounds, Saint Alphonsus Medical Center, Nampa, ID
Jan 30, 2013	Speaker, "Articles That Have Changed My Inpatient Practice of Medicine 2012," Grand Rounds, St. Luke's Regional Medical Center, Boise, ID
Nov 2012 to Present	Instructor and Organizer, "Weekly Board Review for Residents," UW Boise Internal Medicine Residency, Boise, ID
Spring 2012 to Present	Faculty, "Annual Resident as Teacher Course," UW Boise Internal Medicine Residency, Boise, ID, in conjunction with Joyce Wipf, MD (who developed content of course)
Mar 8, 2012	Speaker, "Articles That Have Changed My Inpatient Practice of Medicine 2011," Grand Rounds, Boise Veteran Affairs Medical Center, Boise, ID
Jun 2011	Director, Internal Medicine Intern Central Venous Catheter Placement Training, Half-day Simulation Course, Seattle, WA
Jun 2011	Director, Orientation to Intern ADLs, Half-Day Orientation Course for New Internal Medicine Interns Regarding Crosscover, Handoffs, ACLS and Communication with Other Professionals, Seattle, WA
Jun 3, 2011	Speaker, "Update in Palliative Care for Psychiatrists," Psychiatry Grand Rounds, Harborview Medical Center and University of Washington Medical Center, Seattle, WA
Sep 16, 2010	Speaker, "Breaking Bad News," Neurology Grand Rounds, University of Washington Medical Center, Seattle, WA
Sep 10, 2010	Speaker, "Palliative Care for Oncologists," University of Washington Selected Topics in Hematology/Oncology Fellows' Lecture Series, Seattle, WA
Jun 2010	Director, Internal Medicine Intern Central Venous Catheter Placement Training, Half-Day Simulation Course, Seattle, WA
Apr 6, 2010	Speaker, "What is Palliative Care?," University of Washington MEDEX Grand Rounds, Seattle, WA

Mar 18, 2010	Panel Discussant, "Death with Dignity," Providence Hospice of Seattle, Seattle, WA
Jul 2, 2009	Speaker, "What to Do When You Are Called to See a Patient with Pain," Internal Medicine Intern Teaching Conference Series, Seattle, WA
Jun 2009	Director, Internal Medicine Intern Central Venous Catheter Placement Training, Half-Day Simulation Course, Seattle, WA
Sep 19, 2008	Speaker, "Palliative Care for Oncologists," University of Washington Selected Topics in Hematology/Oncology Fellows' Lecture Series, Seattle, WA
2008 to 2011	Speaker, "Gastroenterology," Med665 Course for Third-Year Medical Students on Internal Medicine Rotation, recurring every 12 weeks, Seattle, WA
2008 to 2011	Director, Palliative Care Elective Rotation, Internal Medicine Residents, University of Washington Medical Center, Seattle, WA
Oct 2007 to 2010	Speaker, "Palliative Care," Internal Medicine Intern Teaching Conference Series, Seattle, WA
Aug 10, 2006	Speaker, "Getting Rid of the Static: Improving Nurse-Physician Communication," CME Presentation, University of Washington Neurology Grand Rounds, Seattle, WA
Apr 2005-Jun 2008	Director, University of Washington Medical Center Intern Skills Rotation, Seattle, WA Two-week continuously recurring procedure rotation for Internal Medicine Interns beginning July 2005; rotation ceased June 2008
Mar 19, 2005	Speaker, "Let's Talk About Dying," Community Education Forum and Resource Fair, Washington State End of Life Consensus Coalition, Seattle, WA
2004 to 2011	Director, Intern Teaching Conference Series, University of Washington Internal Medicine Residency Program, Seattle, WA
2004 to 2006	Instructor and Organizer (100%), "How to Read an ECG" Lecture Series, Seattle, WA Continuous weekly series repeating in 12-week blocks for third-year University of Washington medical students in the Internal Medicine clerkship at Swedish Medical Center, Providence campus
Recurring	Attending, Boise VA Medical Center Internal Medicine Housestaff Inpatient Team
Recurring	Attending, Boise VA Medical Center Resident Report/Intern Report
Recurring	Speaker, Boise VA Medical Center Internal Medicine Teaching Conferences
Recurring	Speaker, Boise VA Medical Center Medical Student Teaching Conferences

SPECIAL LOCAL RESPONSIBILITES

2017 to Present	Member, Boise VAMC, Professional Practices Review Committee
May 2016 to Present	Member, University of Idaho WWAMI Advisory Board

Aug 2015 to Jan 2016 Member, UW Boise Medicine Clerkship Director, Search Committee

2014 to Present	Boise VAMC Representative, VISN 20, Pharmacy and Therapeutics Committee
Oct 2013	Member, UW Boise Internal Medicine Residency Program Director, Search Committee
Nov 2012 to Apr 2013	Member, Boise VA Medical Center Chief of Medicine, Search Committee
July 2011 to Present	Secretary, David A. Hindson Foundation Non-profit organization to support medical education in Idaho, Boise, ID
Jun 2010 to Jun 2011	Member, University of Washington Heart Failure/LVAD Cardiology Clinician, Search Committee
Jan 2010	Member, Internal Medicine Residency Boise Categorical and Seattle Categorical Tracks, Resident Selection Committee
Nov 2009 to Jun 2011	Member, University of Washington/Seattle Cancer Care Alliance Hematology Clinician/Teacher, Search Committee
Jan 2009	Member, Internal Medicine Residency Boise Categorical Track, Resident Selection Committee
Nov 2008 to Jun 2011	Member, Faculty Council on University Relations, University of Washington School of Medicine
Oct 2008 to Jun 2011	Member, Faculty Senate, University of Washington
Jan 2008	Member, Internal Medicine Residency Seattle Categorical Track, Resident Selection Committee
Sep 2006-Jun 2007	Member, University of Washington Internal Medicine Residency Program Director Search Committee
May 2006-May 2008	Member, Clinical Pastoral Education Professional Consultation Committee
Jul 2005 to Present	Institute for Surgical and Interventional Simulation (ISIS) Expert, Internal Medicine
Jul 2005 to Jun 2011	Minor Injury Treatment Area Captain (Physician Leader), University of Washington Medical Center Disaster Response Team
2004 to 2006	Leader (20%), University of Washington Medical Center 6NE Multi-Disciplinary Discharge Rounds (shared responsibility on a rotating basis with other hospitalists)

RESEARCH FUNDING

None

Dec 2015-Feb 2017 Assumed Principle Investigator position from C. Scott Smith, Factors that Influence Patients' Decisions Regarding Treatment in Advanced Cancer: A Qualitative Approach, IRB approved, no funding. Study closed due to difficulty to recruit subjects.

2014-2015 Site Leader, UW Boise, for participation in multi-center Safe and Effective

Discharge (SAFE-D) from the Hospital Educational Initiative as a member of the Educational Research Outcomes Collaborative

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Peer-Reviewed Journals

1. Weppner WG, Fisher A, Hagman M, Inouye L, King I, Smith CS, Wilper AP, Knight C. Taking SGIM's "Teaching Educators Across the Continuum of Healthcare on the Road - A Local, Interprofessional Faculty Development Innovation. J Grad Med Educ. 2017;9(3):378-9. PMID: 28638527

2. Warren MB, Stabler J, Hagman MM. Intravenous melatonin abuse leading to recurrent aortic valve endocarditis: a case report and discussion. BMC Psychiatry. 2016;16(1):39. PMID: 26911800

3. Merel SE, Stafford MM, White AA, Fligner CL, Amory JK, Hagman MM. Providers' Beliefs About Expressing Condolences to the Family of a Deceased Patient: A Qualitative and Quantitative Analysis. J Palliat Med. 2015;18:217-24. PMID: 25493629

4. Hagman MM, Dale JB, Stevens DL. Comparison of adherence to and penetration of a human laryngeal epithelial cell line by group A streptococci of various M protein types. FEMS Immunology and Medical Microbiology. 1999;23:195-204. PMID: 10219591

Book Chapters

1. Stevens DL, Bryant AE, Hagman MM. Nonpneumococcal streptococcal infections and rheumatic fever. In: Goldman L, Schafer AI, eds. Goldman-Cecil Medicine. 26th edition. Amsterdam, Netherlands: Elsevier; 2018, submitted.

2. Christopher AS, Hagman MM. Approach to acute kidney injury. In: Mookherjee S, et al., eds. 10 Minute Chalk Talks. Switzerland; Springer; 2018, submitted.

3. Gendo K, Hagman MM. Endocarditis. In Paauw DS, Burkholder LR, Migeon MB, eds. Internal Medicine Clerkship Guide. 3rd edition. St. Louis, MO: Mosby; 2007.

4. Hagman MM. Palliative Care. In Paauw DS, Burkholder LR, Migeon MB, eds. Internal Medicine Clerkship Guide. 3rd edition. St. Louis, MO: Mosby; 2007.

5. Hagman MM. Bacterial endocarditis. In: McDonough K, Larson E, eds. Manual of Evidence-Based Admitting Orders and Therapeutics. 5th edition. Philadelphia, PA: Saunders; 2007.

6. Hagman MM. Comfort care. In: McDonough K, Larson E, eds. Manual of Evidence-Based Admitting Orders and Therapeutics. 5th edition. Philadelphia, PA: Saunders; 2007.

7. Hagman MM. Complications of cirrhosis. In: McDonough K, Larson E, eds. Manual of Evidence-Based Admitting Orders and Therapeutics. 5th edition. Philadelphia, PA: Saunders; 2007.

8. Hagman MM. Gastroenterology. In Alguire PC, Paauw DS, Eisenstaedt RS, Ferenchick GS, eds. Boards Basics–An Enhancement to MKSAP. Philadelphia, PA: American College of Physicians; 2006.

9. Hagman MM. Cardiac infections. In: Hu K, Crane H, Shah S, eds. Blueprints in Infectious Disease. Blackwell; 2005.

Written Reviews

Davidson HL, Hagman MM, Jerud ES, Khalighi M, Loge AS, White A, Schleyer AM. In the literature: HM-related research you need to know. The Hospitalist May 2011. <u>http://www.the-hospitalist.org/</u> <u>details/article/1056007/In_the_Literature_HM-Related_Research_You_Need_to_Know.html</u>

Invited Publications

Christopher A, Pereda C, Argyle N, Hagman MM. Engaging Trainees to Become Lifelong Learners. Academic Internal Medicine Insight. 2016;14(3).

Abstracts

Hagman MM, Stevens DL. Role of M protein in group A streptococcal adherence to and internalization within human laryngeal cells. Journal of Investigative Medicine. 1997;45:103A.

Audio Publications

1. Hagman MM. Palliative and end-of-life care. Audio Digest Internal Medicine. September 2009:56(17).

2. Hagman MM. Things that have changed my practice-inpatient medicine. Oakstone. September 2008.

Audio Reviews

Brief audio and written reviews of recently published journal articles in Paauw DS, Miller RG eds. Practical Reviews in Internal Medicine. Oakstone Medical Publishing. 2009 to present.

Articles reviewed:

1. Camilleri M, et al. A placebo-controlled trial of prucalopride for severe chronic constipation. N Eng J Med. 2008;358:2344-54.

2. Zhang B, et al. Health care costs in the last week of life: associations with end-of-life conversations. Archives of Internal Medicine. 2009;169:480-8.

3. Mercadante S, et al. Effects of red blood cell transfusion on anemia-related symptoms in patients with cancer. Journal of Palliative Medicine. 2009;12:60-63.

4. Mease PJ, et al. The efficacy and safety of milnacipran for treatment of fibromyalgia: a randomized, double-blind, placebo-controlled trial. Journal of Rheumatology. 2009;36:398-409.

5. Timsit J, et al. Chlorhexidine-impregnated sponges and less frequent dressing changes for prevention of catheter-related infections in critically ill adults: a randomized controlled trial. JAMA. 2009;301:1231-41.

6. Noda H, et al. Low-density lipoprotein cholesterol concentrations and death due to intraparenchymal hemorrhage: the Ibaraki Prefectural Health Study. Circulation . 2009;119:2136-45.

 7. Targownik LE, et al. Selective serotonin reuptake inhibitors are associated with a modest increase in the risk of upper gastrointestinal bleeding. American Journal of Gastroenterology. 2009;104:1475-82.
 8. Chandratheva A, et al. Population-based study of risk and predictors of stroke in the first few hours after a TIA. Neurology. 2009;72:1941-7.

9. Alibhai SMH, et al. Impact of androgen deprivation therapy on cardiovascular disease and diabetes. Journal of Clinical Oncology. 2009;27:3452-8.

10. Ruygrok ML, et al. Validation of 3 termination of resuscitation criteria for good neurologic survival after out-of-hospital cardiac arrest. Annals of Emergency Medicine. 2009;54:239-47.

11. Li-Ng M, et al. A randomized controlled trial of vitamin D3 supplementation for the prevention of symptomatic upper respiratory tract infections. Epidemiology and Infection. 2009;137:1396-1404.

12. Lombardi VC, et al. Detection of an infectious retrovirus, XMRV, in blood cells of patients with chronic fatigue syndrome. Science. 2009;326:585-9.

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16. Rigotti NA, et al. Efficacy and safety of varenicline for smoking cessation in patients with cardiovascular disease: a randomized trial. Circulation. 2010;121:221-9.

17. Lampert R, et al. HRS consensus statement on the management of cardiovascular implantable electronic devices (CIEDs) in patients nearing end of life or requesting withdrawal of therapy. Heart Rhythm. 2010;7:1008-26.

18. Linsky A, et al. Proton pump inhibitors and risk for recurrent *Clostridium difficile* infection. Arch Intern Med. 2010;170:772-8.

19. Moayyedi P, et al. The efficacy of probiotics in the treatment of irritable bowel syndrome: a systematic review. Gut. 2010;59:325-32.

20. Sanyal AJ, et al. Pioglitazone, vitamin E, or placebo for nonalcoholic steatohepatitis. N Engl J Med. 2010;362:1675-85.

21. Wong CL, et al. Does this patient have delirium?: value of bedside instruments. JAMA. 2010;304:779-86.

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23. Croswell JM, et al. Cumulative incidence of false-positive test results in lung cancer screening: a randomized trial. Ann Intern Med. 2010;152:505-12.

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60. Dyrbye LN, et al. Utility of brief screening tool to identify physicians in distress. J Gen Intern Med. 2012:epub ahead of print.

61. Theisen-Toupal J, et al. Utility, charge, and cost of inpatient and emergency department serum folate testing. J Hosp Med. 2012:epub ahead of print.

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126. van Adrichem RA, et al. Thromboprophylaxis after Knee Arthroscopy and Lower-Leg Casting. N Engl J Med. 2016;375: 515-25.

127. Stott DJ, et al. Thyroid hormone therapy for older adults with subclinical hypothyroidism. N Engl J Med. 2017; Apr 3; epub ahead of print.

128. Shepshelovich D, et al. Chills during hemodialysis: prediction and prevalence of bacterial infections – a retrospective cohort study. Am J Med. 2017;130:477-81.

129. Kawazoe Y, et al. Effect of dexmedetomidine on mortality and ventilator-free days in patients requiring mechanical ventilation with sepsis: a randomized clinical trial. JAMA. 2017; 317:1321-8.

130. Fellström BC, et al. Targeted-release budesonide versus placebo in patients with IgA nephropathy (NEFIGAN): a double-blind, randomized, placebo-controlled phase 2b trial. Lancet. 2017; Mar 28:epub ahead of print.

Posters

1. Weppner WG, Wilper AP, King IC, Hagman MM, Inouye LS, Fisher A, Tivis R, Smith CS, Knight C. Taking SGIM's TEACH on the Road – A Local, Interprofessional Faculty Development Innovation. Society of General Internal Medicine Annual Meeting 2017. Washington D.C. April 21, 2017.

2. Joffer J, Hagman MM. Angioedema vs macroglossia related to plasma cell disorder. American College of Physicians Idaho State Annual CME Conference. McCall, ID. January 13, 2017.

3. Hagman MM, Inouye LS, Fisher A, King IC, Smith CS, Weppner WG, Wilper AP, Knight C. Interprofessional faculty development with the TEACH program. Alliance for Academic Internal Medicine Skills Development Conference. National Harbor, MD. Oct 21, 2016.

4. Kelly J, Hagman MM. Culture-negative pylephlebitis. American College of Physicians Idaho State Annual CME Conference. McCall, ID. January 15, 2016.

5. Nugent J, Hagman MM. Essential thrombocytosis. American College of Physicians Idaho State Annual CME Conference. McCall, ID. January 15, 2016.

6. Madison M, Hagman MM. Detection of paroxysmal atrial fibrillation after cryptogenic stroke – the Boise VAMC experience. American College of Physicians Idaho State Annual CME Conference. McCall, ID. January 16, 2015.

7. Merel SE, Stafford MM, White AA, Hagman MM, Fligner CL. Half to two-thirds of providers at an academic medical center express condolences to families of deceased patients. Society of General Internal Medicine, Northwest Regional Conference. Portland, OR. February 1, 2013.

8. Dytiapco E, Hagman MM. Pancreatic ascites – a do-not-forget diagnosis. American College of Physicians Idaho State Annual CME Conference. McCall, ID. January 18, 2013.

IRSA

PROFESSIONAL EXPERIENCE

WEST VALLEY MEDICAL CENTER/HCA, Caldwell, ID

Chief Executive Officer

- Responsible for 100-staffed bed hospital with over 600 employees and contractors, and over 200 active and affiliate medical staff.
- Organization has experienced over 20% compounded annual growth in revenue and earnings since joining in 2014.
- Achieved Leapfrog A Safety Score 8 periods in a row since 2014. Earned honors from Healthgrades for 90th percentile performance in Patient Safety in 2017 and 2018.
- Achieved Best Places to Work by Modern Healthcare in 2014, 2015, 2017 and 2018.
- Reduced RN turnover to under 10% and overall turnover to less than 14%.

ROSE MEDICAL CENTER/HCA, Denver, CO

Chief Operating Officer (February 2011 - Present)

- Responsible for operations of 250-staffed bed Metropolitan area hospital with over \$80M in annual EBDITA
 - Responsible for Surgical Services, Radiology, Cardiology & Cath Lab, Oncology Services, Physical Medicine & Rehabilitation, Laboratory Services, Human Resources, Medical Staff Office, Business Development and Marketing
 - Implemented Studer Culture of Excellence
 - Exceeded 90th percentile in core measure and HACs
 - Less than 12% first year employee turnover
 - Exceeded 75th percentile in HCAHPS
 - Lead Strategic Leadership Team developed by CEO responsible for Physician Engagement

Vice President, Business Development & Operations

- Managed business development efforts within the facility.
- Management responsibility for Radiology, Cardiology and Oncology Services
- Responsibility for staffing and productivity management for 1200-employee hospital. Improved worker productivity by 7% from prior year. Reduced contract labor expense by 40% from prior year.

PACIFICARE HEALTH SYSTEMS, Denver, CO	2000 - 2002
Senior Analyst, Financial Planning & Analysis	
MAYO CLINIC, Rochester, MN Planning Analyst, Section of Strategic and Operational Planning Administrative Training Program	1996 – 1999

EDUCATION

Master of Business Administration/Master of Health Sciences in Health Services Administration University of Florida – 1996 – Gainesville, Florida

Bachelor of Science in Industrial and Systems Engineering

Northwestern University - 1991 - Evanston, Illinois

2014-Present

2003 - 2014

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HONORS & AWARDS

Leader of the Year Nominee

Rose Medical Center, 2004, 2005, 2006, 2007

Matherly Scholar for Leadership and Academic Excellence University of Florida, College of Business Administration, 1996

Outstanding Graduate in Health Services Administration

University of Florida, College of Health Related Professions, 1996

Publication: "Determining Indirect Caregivers' Contribution to Patient Care."

Magdalena Mateo and Elizabeth Young, Journal of Nursing Administration, Volume 31, Number 3, pp 109-112.

SELECTED ACTIVITIES & ASSOCIATIONS

Board of Directors, Caldwell Foundation for Educational Opportunity Board of Directors, Treasure Valley YMCA Board of Directors, Idaho Business for Education Board of Directors, Idaho Hospital Association Board of Directors, HCA Hope Fund Treasurer, Board of Directors, Caldwell Chamber of Commerce President, Caldwell Swim Club Commissioner, City of Caldwell Planning and Zoning

Attachment 3

Joshua W. Kern, M.D.

WORK HISTORY ST. LUKE'S HEALTH SYSTEM VICE PRESIDENT OF MEDICAL AFFAIRS, EAST REGION 10/2017-PRESENT Serving as physician executive support to medical staff for the three hospitals in the region for St. Luke's. Focus is on hospital focused quality, credentialing, and survey readiness, but also being involved as operational liaison between physicians, hospital administration, and other system leaders. St. Luke's Clinic Jerome Family Medicine (formerly Family Care Physicians) 8/2008-Present Full Spectrum family medicine, including endoscopy and full scope of outpatient services. 1/2016-10/2017 Division Medical Director Attend division and executive meetings while working with dyad to oversee clinic operations. St. Luke's Jerome (formerly St. Benedict's) 8/2008-Present Active staff 1/2015-9/2018 Chief of Staff 1/2013-1/2015 Dept. of Primary Care Chairman and Vice Chief of Staff Magic Valley Rural Training Track Program Director starting 10/1/2018 Site Director 3/2012-Present Teaching Faculty 6/2009-Present I have served as local site director and now Program Director for the Rural Training Track which is part of the Family Medicine Residency of Idaho, a 1-2 RTT. The program currently trains 2 second year residents and 2 third year residents.

Joshua Kern curriculum vitae page 2

University of Washington Assistant Clinical Professor -Educational Quality Improvement Stragetic Planning Committee.

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	Member 6/2017-Present Participating in a new committee tasked with transparent process for strategic planning for the longitudinal curriculum initiative. Initial appointment is for 2 years with many meetings being done electronically, but some travel to Seattle is expected. -WRITE Site Director 1/2014-3/2018 Training medical students through the RUOP program (every summer 2008-2017) and a longitudinal rotation for 22 weeks with a 3 rd year medical student (WRITE program).
EDUCATION	National Institute for Program Director Development (NIPPD) 9/2012-6/2013 Fellowship education targeting graduate education and residency program directors. Program is run through Association of Family Medicine Residency Directors. My academic project was entitled "Development of a Medical School Rural Pipeline Program in Association with Existing Family Medicine Residency Rural Training Track
	Family Medicine Residency of Idaho Boise, Idaho 7/2005-6/2008 Chief Resident 6/2007-5/2008 -Broad based Family Medicine residency training with emphasis on training rural family medicine doctors. -Special procedure training in endoscopy, colonoscopy, colposcopy and primary cesarean-sections. -Electives in Rheumatology, Obstetrics/Gynecology, and Sports Medicine
	University of Washington School of Medicine Seattle, WA 9/2001-6/2005 Degree Earned: M.D. -Member of Family Medicine Interest Group -Electives and research interest in Sports Medicine and Exercise Physiology -President and founder of the Medical Student Running Club
Jashua Kama aumiaulu	-Member of the University of Washington Triathlon Club

Joshua Kern curriculum vitae page 3

University of Washington Seattle, WA 9/1995-6/1999

Degree Earned: B.S. double major in Biochemistry and Cell/Molecular Biology

HONORSDR. JUDD LUNN MEMORIAL IDAHO WWAMI TEACHER OF THE YEAR 2016
Magic Valley RTT Faculty of the Year 2011-2012
FMRI Board of Directors Leadership and Community Service
Award 2008
Rex and Ruth Robinson Scholarship Fund in Chemistry 1998
Summer Institute of Applied Science, Lawrence Livermore National
Laboratory-research fellowship 1998
University of Pittsburgh Summer Undergraduate Research- NSF funded
fellowship 1998
University of Washington Chemistry Alumni Book Scholarship 1997

WORK EXPERIENCE

University of Washington School of Medicine Robert Schoene, MD 6/2002-8/2002 I worked with the pulmonologist Dr. Schoene on a research project through a grant allowing me to participate in medical research between first and second years of medical school. Project involved comparing perceived exertion and ventilation on a cycle ergometer compared to elliptical trainer.

University of Washington Biochemistry Department Seattle, WA Trisha Davis Lab 9/1999-8/2001 Undergraduate research project transitioned to employment as laboratory technician before medical school. Research involving various proteins of the yeast centromere (spindle pole body). This included both biochemical purification and binding experiments and in vivo mutation experiments in S. cerevisiae.

University of Pittsburgh Chemistry Department Pittsburgh, PA 6/1998-9/1998 Jumi Shin Lab Undergraduate research award involving a summer research project related to Leucine Zipper protein-DNA interaction.

Joshua Kern curriculum vitae page 4

PUBLICATIONS Waterman S, Henderson, J, Kern JW. Does early integration of palliative care services improve outcomes for patients with advanced cancer over usual care? Evidence-Based Practice. in editing process 2018

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

	AAFP Program Directors Workshop, Kansas City, MO. Poster: "Update on American with Disabilities Act in Residency Education: A Resident's Experience" Kern, J. Doyle, C. Stutzman, K. March 2018
	Doyle C, Mertz-Hack T, Kern J. Do mental activities such as crossword puzzles and Sudoku reduce risk of developing dementia? Evidence-Based Practice. Accepted for publication 2017 Apr 20.
	Consortium for Longitudinal Integrated Clerkships (CLIC) International Conference, Ashville, NC. Innovations poster "WRITE and RTT Training at a Unique Rural Site in Idaho". Presented by co-author, Barinaga, M. October 2015.
	Molecular Biology of the Cell. Reconstitution and characterization of budding yeast gamma-tubulin complex. Vinh DB, Kern JW, Hancock WO, et al. 4/2002 Volume 13 Pages 1144-1157
	Journal of Biological Chemistry. Yeast Mps1p phosphorylates the spindle pole component Spc110p in the N-terminal domain. Friedman DB, Kern JW, Huneycutt BJ, et al. 5/2001 Volume 276 Pages:17958-17967
HOBBIES	Hobbies include obstacle racing, reading and writing about health and obesity topics.

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Richard McLandress, MD Program Director, Kootenai Clinic Family Medicine Residency

Dr. McLandress, a Family Medicine Physician in Coeur d'Alene, Idaho, graduated with Honors from the University of Washington as an undergraduate in 1970 and from the School of Medicine in 1974. He completed residency at Family Medicine Spokane and has been caring for the residents of Coeur d'Alene since. Dr. McLandress has special interest in wilderness medicine, public health and clinical ethics.

McLandress' family ties to UW run deep — as far back as 1905 when his grandmother rowed with the first Husky women's crew team. His grandfather was also a graduate, as are two of his brothers. Continuing the family tradition, his daughter is a product of UW School of Medicine.

McLandress has been committed to helping address the national and regional shortfall of family medicine physicians, especially in rural areas. In 1977 he co-founded Family Medicine Coeur d'Alene, where he has been practicing family medicine ever since. Twenty-five years later he spearheaded an effort to establish the first family medicine residency in northern Idaho — the Kootenai Clinic Family Medicine Residency, which he has directed since its inception.

Four decades after finishing his own formal medical training, what does McLandress emphasize to the next generation of doctors? The importance of the continuity of care that family medicine practitioners can provide, the necessity and value of lifelong learning, and the importance of work-life balance: vacation, time with loved ones, time away from medicine, and — of course — time with family.

Awards:

Idaho Family Physician of the Year 2017

University of Washington, Alumni Award for Excellence in Mentoring, Teaching & Leadership 2018

Professional Activities:

- Clinical Associate Professor, University of Washington School of Medicine 1977-present
- Director, Kootenai Health Family Medicine Residency Family Medicine Coeur d' Alene.
- Chair, Ethics Committee, Kootenai Medical Center, 1990-2013.
- Member, Idaho State Board of Education, Governor's Task Force on Medical Education. 1996-1998
- Chair, Department of Family Medicine, Kootenai Medical Center 1982-1984
- Chair, Emergency Department, Kootenai Medical Center 1980-1982

Community Activities:

- Board of Directors, Panhandle Health District #1 1982- present
- Chairman, Community Task Force on Immunization 1997 present
- Member, Spokane-Rathdrum Sole-Source Aquifer Task Force 1995 present
- Chairman, Institutional Review Board, Kootenai Medical Center 1982-1998
- Chairman, Kootenai Medical Center Physicians Advisory Committee, 1988-1998
- Member, Blue Cross of Idaho Pharmacy and Therapeutics Committee 1990-1997
- President, Kootenai-Benewah County Medical Society 1996-1998
- Member, Board of Directors, Idaho Health Professional Loan Repayment Program 1995-2004
- Member, Board of Directors, Idaho Rural Community Program1996-1999
- Founding Member, Board of Directors, Excel Foundation School District #2711986-1994

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

Jon Ness, Chief Executive Officer. Jon Ness joined Kootenai Health in 2010 as the Chief Executive Officer (CEO). Kootenai Health is an independent, community-owned hospital serving northern Idaho and has grown by over 90 percent in the past several years. Kootenai Health is currently 299-bed hospital, which also owns and operates Kootenai Clinic and Kootenai Care Network – a 500 physician network. Prior to joining Kootenai Health, Jon served as the Chief Operating Officer of Billings Clinic. He has over 33 years' experience as a healthcare executive, leading organizations in Idaho, Montana, North Dakota, and Virginia. Jon currently serves on several local and regional boards including Northwest Hospital Alliance and the Idaho Hospital Association. Jon previously served as a member of the Coeur d'Alene 2030 Community Advisory Committee and the Jobs Plus Board. Jon earned his bachelor's and master's degrees from North Dakota State University. He spent two years in the Peace Corps serving in the Marshall Islands in the central Pacific.

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Samantha Portenier, M.D.

<u>Professional Experience</u> Medical Doctor	
Saint Alphonsus Medical Group - Elm	2000 -current
Site Director	
FMRI Rural Training Program	2004-current
Teaching Experience	
Teaching Assistant of Biochemistry and Microbiology Uof I	1992-1993
Family Medicine Residency of Idaho RTT attending	2000-current
Site Director Family Medicine Residency RTT	2004-current
Education	0001
Lewis Clark State College, Bachelor of Science Degree	2001
Honor roll, President's list	2002
University of Idaho, research Microbiology	2002
Focus Aspergillosis reproduction	2007
University of Nevada School of Medicine, Medical Doctorate	2007
National Institute for Program Director Development Fellowship	2013
Residency	
FMRI Rural Training Track, Caldwell Idaho	1997-2000
Awards	
<u>Awards</u> Outstanding student of Family Practice, Richard Inskip	1997
Nevada area health outstanding student	1997
Family Practice Residency RTT Preceptor of the Year	2003
Family Practice Residency RTT Preceptor of the Year	2003
Family Practice Residency RTT Preceptor of the Year	2008
ranny racice residency rin receptor of the real	2017

Certifications

- 1995 USMLE Part I, 1997 USMLE Part II, 1998 USMLE Part III,
- 2000 American Board of Family Medicine
- 2006 American Board of Family Medicine
- 2013 AFMRD
- 2016 American Board of Family Medicine

Appointments

- 2004 Chairman Maternal Child Committee WVMC
- 2005 Chairman Maternal Child Committee WVMC
- 2005 Secretary/Treasurer Medical Staff WVMC
- 2006 Chief of Staff WVMC
- 2007 Chief of Staff WVMC
- 2007 Chairman Planning Committee SAMG
- 2011 Caldwell RTT Representative to National RTT conclave, Columbus, Ohio
- 2012 Caldwell RTT Representative to National RTT conclave, Memphis, TN
- 2018 Chairman WVMC PPEC

Volunteer Work

4-H leader Canyon County 4-H Event Director Idaho All Girls Rodeo Association Medical Director Idaho Youth Games Adult Breakaway Director District 2 High School Rodeo District 2 High School Rodeo Board Member

Achievements

In 2004 I began as the site director of the Family Medicine Residency of Idaho Rural Training Track and expanded to two residents per year in 2006 and now three residents per year in 2011. We have a 92% retention rate of our graduates working in rural area and 52% in our referral area.

Personal Interests

Enjoying time with my family and friends Outdoor activities: riding horses, rodeo, training performance horses, Farming, Gardening

Overview

Experienced association management professional with expertise in all aspects of medical society management, including government affairs, communications, membership, financial management, strategic planning, board relations and office operations. A trusted resource with extensive knowledge of Idaho's rural health care system, including patient access to care issues, health insurance affordability and availability, the medical education pipeline, physician recruitment and retention, scope of practice, liability reform, and other topics affecting health care and the profession of medicine. Skilled leader with a proven track record of successfully working with and advocating for physicians. Driven by a desire to do the right thing.

Experience

Idaho Medical Association

Chief Executive Officer

Hired as the fourth CEO in the organization's 125+ year history, and the first female to hold the position. Idaho Medical Association is the leading organization representing physicians in all specialties, practice settings and geographic locations in our state, and is recognized as the voice of medicine in Idaho. IMA's mission is to unify and advocate for all Idaho physicians, promote the art and science of medicine, and remain dedicated to improving the health and well-being of all Idahoans.

Wyoming Medical Society

Executive Director, Sept 2005-Oct 2007 Associate Executive Director, Jan 2003-Aug 2005 Director of Communications, May 1998-Dec 2002

Professional Affiliations

Idaho College of Osteopathic Medicine	2017-Present
Advisory Committee Member	
Idaho State Board of Education	2016-2017
Medical Education Committee Member	
American Medical Association Litigation Center	2013-Present
Executive Committee Member	
Special Advisory Committee to the American Medical	2013-2015
Association CEO	
Member	

November 2007 – Present

May 1998 - October 2007

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

American Medical Association Advocacy Resource Center	2012-Present
Past Chair, Executive Committee	
Idaho Rural Health Access Program / Rural Physician	2008-Present
Incentive Program	
Board Chair, 2017	
Idaho Simulation Network	2008-Present
Board Vice Chair, 2018	
Idaho Liability Reform Coalition	2008-Present
Board Member	
American Association of Medical Society Executives	2008-Present
State CEO Committee Member	
American Association of Medical Society Executives	1998-Present
Member	

Gubernatorial Appointments

Idaho Healthcare Coalition	2014-Present
Steering Committee Member	
Governor's Medicaid Redesign Workgroup	2012-2014
Member	
Idaho Medical Home Collaborative	2010
Member	
Idaho Health Care Council	2009
Member	
Wyoming Governor's Workgroup on Master Settlement Fund	1999
Member	

Volunteer Activities

Connecting Cathedral Women	2016-Present
Founding Co-Chair	
Cathedral of the Rockies Church Council	2015-Present
Vice Chair, 2018	
COTR Pastor-Parish Relations Committee	2015-2018
Chair	
Women's Winter Gathering	2015-2018
Organizing Committee, Registration Chair	
Mission Trip to Orphanage in Tijuana, Mexico	October 2015
Team Member	
Ohana Oasis Retreat for Bereaved Parents	2013-2018
Founding Board Member	

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

Wyoming Komen Race for the Cure	2000-2004
Committee Chair	
Cheyenne Soccer Association	1995-2000
Youth Coach	

Education

Benedictine College

Atchison, KS

- Graduated summa cum laude with a Bachelor of Arts degree
- Major in English; Minors in Journalism and French

Awards/Honors Received

- 2007 Honoree, Wyoming Business Review "40 Under 40"
- 2004 Graduate, Leadership Wyoming
- 2002 Graduate, Leadership Cheyenne
- 1993 & 1994 Academic All-American, Soccer ~ National Association of Intercollegiate Athletics

Hobbies and Interests

- Avid outdoorswoman who enjoys hiking, backpacking, mountain biking, road cycling and running
- Dog lover, book reader, traveler, wannabe foodie, wine taster and beer sampler
- Major priorities: my faith, spending time with my favorite veterinarian and our families

1990-1994

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS

OCTOBER 18, 2018

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W. MARK ROBERTS, M.D., M.M.M.

An energetic, innovative physician executive who consistently leverages clinical and business expertise to develop strategies in response to changes in the healthcare industry, innovating new ways to influence practices in patient care treatment and delivery, generating financial contributions with active participation in fundraising activities and communication with donors. A respected natural leader with a unique combination of entrepreneurial thinking, creativity and problem-solving skills, as well as business acumen and a demonstrated track record in medical sciences and research.

PROFESSIONAL EXPERIENCE

St. Luke's Health System, Boise, Idaho

2012-present

Administrator Clinical Research

Recruited as first Medical Director of Research reporting to system Chief Operating Officer to expand clinical research throughout a six-hospital, 100+ clinic regional healthcare system throughout Idaho, to develop academic and business affiliations and improve the efficiency, compliance and financial performance of the St. Luke's Research Department. In 2013, began oversight for medical education including oversight for medical, physician assistant and nurse practitioner students and medical residents in one of three programs. The job title was change in April, 2018 without a change in duties.

- Developed an implemented 100-day plan to reduce new research project review time by >100%, restructure departmental organization to improve productivity, constructed new financial reporting process and created an internal and external marketing plan.
- Increased clinical trial activity and enrollments by 40% broadly across oncology and other specialty areas in first three years.
- Integrated Mountain States Tumor Institute and other specialty research clinics, Nursing Research and the Office of Research Administration into a single entity, St. Luke's Research Department, served by two internal Institutional Review Board Committees.
- Created an Applied Research Division focusing on healthcare delivery, population health, quality of life and economic research models; initial projects focused in concussion and complex pediatric care.
- Improved research economic performance with estimated savings of \$8 million per year following a business model for strategic, focused growth.
- Formed the Student and Graduate Medical Education Committee consisting of internal and external leaders from affiliated student and residency programs. Created a Learning Oversight Committee to manage student rotation requests.

Long Beach Memorial Medical Center and Miller Children's Hospital, Long Beach, California 2000-2011

Chief Academic Officer (2010-2011)

Recruited to strengthen the academic efforts of a 462-bed major tertiary medical center and a 324-bed affiliated children's hospital with \$2.7 billion in combined gross revenue. Provided executive leadership of all academic affiliations involving a primary affiliation with the University of California, Irvine (UCI), the University of California, Los Angeles (UCLA) and the University of Southern California (USC). Directed Graduate Medical Education and the Center for Health Education operations with responsibility for a staff of nine.

- Implemented the Academic Committee and the Supporting Academic Advisory Committee, recruited membership and developed a strategic plan for research and education.
- Formalized affiliations with more than 20 universities, colleges and related institutions for medical and non-physician teaching programs. Ensured contracts were consistent, decreasing potential risk management issues as well as meeting regulatory and audit requirements.
- Reduced the Institutional Review Board (IRB)'s project average review time by 80%, from six months to 35 days, increasing research projects from 250 to 300 within one year.
- Implemented an employee wellness program engaging 800 employees in lifestyle changes, as physician ambassador for The Good Life Committee. Attracted 200 employees in a yearlong commitment, which resulted in a combined total weight loss of one ton of pounds.

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Chief Medical Officer/Medical Director, Miller Children's Hospital (2007-2010)

Served as the first full-time chief medical officer for a children's hospital. Reported to the chief executive officer with responsibility for quality improvement, patient safety, case management, medical affairs, risk management and patient satisfaction.

- Actively led an \$80 million successful system-wide electronic medical record (EPIC) 'big-bang' implementation, achieving 90% compliance with computerized physician order entry within the first six months. Initiated system-wide hand hygiene program efforts, resulting in improvement from the 50% to 99% range in two years.
- Spearheaded physician efforts for design and funding, through philanthropic and legislative means, for a \$200 million 120,000-square foot four-story tower patient tower expansion. Opened on time and on budget on December 2009. Personally raised \$1 million in contributions from community members, and participated with the foundation and executive team in fundraising activities.
- Recruited and supervised medical directors in hard-to-fill specialties establishing new pediatric centers of excellence, including transitional care through adulthood, cardiac surgery, and child abuse and neglect.
- Developed and applied a formula for physician compensation for patient care coverage, administrative accountabilities and teaching, resulting in consistent, fair-market value-driven contracts.
- Mediated and successfully resolved a pediatric intensive care unit (PICU) medical group conflict.
- Developed pediatric and maternal transport teams for high-risk obstetric as well as neonatal and pediatric ICUs, increasing referrals by 50%.
- Led a system-wide patient and family-centered care program, improving patient satisfaction measures, including an emergency department satisfaction increase from the 50th percentile to above the 75th percentile.
- Launched phase one Fam-Fit, a Long Beach community demonstration project aspiring to reduce adult and childhood obesity, to include employee wellness programs at 12 local businesses.

Associate Chief Medical Officer/Medical Director, Miller Children's Hospital (2004-2007)

Provided part-time medical staff leadership while managing a 24/7/365 solo private pediatric hematology/oncology practice.

- Fashioned safety and performance improvement projects, culminating in the LeapFrog Group Best Children's Hospital Awards for 2006 and 2007.
- Led the California Children's Hospital Association in developing statewide quality improvement projects, including recommendations to CHART, as chair of the Physician Leadership Group.
- Created pediatric and neonatal 'Best Practice teams' to set standards of care that minimize unexplained patient care variation.
- Participated in the successful relicensing of Long Beach Memorial Medical Center's Women's Center into Miller Children's Hospital, increasing disproportionate share funding by \$20 million while preserving two medical staffs (MCH pediatrics and women's).

Medical Director, Pediatric Hematology Oncology, Miller Children's Hospital (2000-2007)

- Created and implemented more than 30 performance improvement projects, and successfully marketed the improvements in care with a resulting increase in annual referrals of pediatric cancer patients by more than 50% during the seven-year period of leadership.
- Initiated a failure modes effect analysis safety project for chemotherapy ordering, reducing variances by 90%.

Attachment 3

- Developed cost improvement projects for the pharmacy, blood product usage and laboratory test ordering, which reversed cost margin deficits of \$1 million and \$0.6 million in FY01 and FY02, respectively, to positive margins of \$140,000 in FY03 and \$500,000 in FY04.
- Directed efforts to increase California Children's Services (CCS) and the psychosocial team billing leading to a doubling of revenue in two years.

University of Texas M. D. Anderson Cancer Center, Houston, Texas

1994-2000

Associate Professor and Special Assistant to the Physician-In-Chief

Worked as a grant-sponsored physician scientist involved in major research for childhood leukemias while simultaneously serving as an assistant to the chief medical officer (from 1997 to 2000) of a 507-bed internationally recognized cancer hospital.

- Established an international patient referral policy, preventing confusion for visiting patients and families, saving the institution in excess of \$100,000 per year, and avoiding adverse publicity.
- Solved diverse administrative and financial patient-related problems, resulting in higher patient and staff satisfaction.

St. Jude Children's Research Hospital, Memphis, Tennessee

1988-1994

Assistant Professor

Worked six years as physician scientist and as the principal investigator for grant-sponsored research in childhood leukemias at a renowned children's cancer research center and hospital.

EDUCATION AND POSTGRADUATE TRAINING

University of Southern California, Marshall School of Business, Los Angeles, California

Master of Medical Management (M.M.M.), 2010

Beta Gamma Sigma Business Honor Society; #1/28 in class

University of Missouri, Kansas City, Kansas City, Missouri

Medical Doctorate (M.D.) Curators Scholar, Honors with Distinction, Merck Award, Alpha Omega Alpha Medical Honor Society Bachelor of Arts, Biology, 1976-1982

Memorial Academy (a MemorialCare-system leadership training program), 2003

St. Jude Children's Research Hospital, Memphis, Tennessee, 1985-1988: Pediatric Hematology/Oncology Fellowship American Cancer Society Clinical Fellow, ESA Foundation Judy Lester Fellowship Award

Children's Mercy Hospital, Kansas City, Missouri, Pediatrics Residency, 1982-1985

PROFESSIONAL AFFILIATIONS

Make-A-Wish Foundation of Idaho, Board of Directors member and Chair, Fund Development Committee St. Luke's United Way, Executive Cabinet member CHOICE Yeah! (Childhood Obesity Initiative) Council member Comprehensive Cancer Alliance for Idaho Medical Advisory Committee member The Cancer Connection, Idaho – Ambassador American College of Physician Executives American College of Healthcare Executives

PROFESSIONAL AWARDS/RECOGNITIONS

America's Top Pediatricians, 2010 Cambridge Who's Who Among Executives and Professionals, 2008-2009 Best Doctors in America, 2005-2008 America's Top Oncologists, 2007

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Memorial/UCI Center for Health Education, Hubert Houssels Memorial Award, 2004 Miller Children's Hospital:

Physician of the Year, Ambulatory Center, 2004

Physician of the Year, Pediatric Hematology/Oncology, 2001-2004

ABC 7 and MemorialCare Partnership, Excellence in Health Care Award, 2002

University of Missouri Kansas City School of Medicine Alumni Achievement Award, 1997 Best Doctor in America, Central Region, 1996

The University of Texas, M. D. Anderson Cancer Center, Faculty Excellence Award, 1994-1995

National Childhood Cancer Foundation Chairman's Award, 1994

American Society of Clinical Oncology Young Investigator Award, 1988

Attachment 3

Daniel Snell M.D., MPH

CURRENT PROFESSIONAL POSITION

Partner and Practicing Anesthesiologist with SEI Anesthesia,	2014-Present
Pocatello, Idaho	
Chief Medical Officer, Portneuf Medical Center (PMC),	
Pocatello, Idaho	

PREVIOUS PROFESSIONAL POSITIONS

Practicing Anesthesiologist with Anesthesia Associates of	
Pocatello Physicians Association, Pocatello Idaho	2007-2014
Medical Director of Acute Pain, PMC,	
Pocatello, Idaho	2011-2012
Medical Director of Perioperative Services, PMC	2010-2012

EDUCATION

University of Arizona Department of Anesthesia, Residency	2004-2007
University of Arizona Department of Surgery, Internship	2003-2004
University of Utah School of Medicine, M.D.	1999-2003
University of Utah School of Public Health, MPH	1998-1999
Brigham Young University, BS in Molecular Biology	1990-91,1993-97

BOARD CERTIFICATION

American Board of Anesthesiology 2008-Present

PROFESSIONAL LEADERSHIP

Hospital Board of Trustees, PMC	2016-Present
Credentials Committee member, PMC	2015-2016
Medical Staff President, PMC	2013-2015
President of Anesthesia Service Line, PMC	2012-Present
Pharmacy and Therapeutics Committee member, PMC	2011-Present
Medical Executive Committee member, PMC	2010-2016
Trauma Committee member, PMC	2010-2014
Physician Roundtable member, PMC	2008-Present
Medical Staff Quality Committee member, PMC	2008-2011

PROFESSIONAL SOCIETY MEMBERSHIPS

American Society of Anesthesiologist	2007-Present

PROFESSIONAL LICENSURE

State of Idaho

2007-Present

VOLUNTEER EXPERIENCE

Youth sports coach for many years	
Volunteer at Utah State Hospital, Provo Utah	1993-1994
Church volunteer in Japan	1991-1993

OUTSIDE INTERESTS

Spending time with my family, woodworking, outdoor activities

PUBLICATIONS

-*Maintaining the Miracle: an Owner's Manual for the Human Body*, Contributing author. -William D. Holmes, MD, Justin J. Finch, MD, Daniel Snell, MD, MPH, and S. Brett Sloan, MD, *The Trigeminocardiac Reflex and Dermatologic Surgery*. American Society for Dermatologic Surgery, Awaiting publication.

REFERENCES

Available upon request

Attachment 3

CURRICULUM VITAE

B. SHIELDS STUTTS, M.D., F.A.C.C.

<u>1Jun 2018</u>

Current Professional

<u>Address:</u>

Bingham Memorial Hospital 98 Poplar St. Second Floor MOB Blackfoot, ID 83221

Phone: 208-785-3897 (Office Phone) Fax: 208-785-3504 (Office)

Places Lived:

Dunnellon, FL; Yankeetown, FL; Clearwater, FL; Stevenson, AL; Kingston, TN; Chamblee, GA; Crabapple, GA; New Orleans, LA; Lakenheath, England; Idaho Falls, ID; San Antonio, TX.; Prescott, AZ; and Blackfoot, ID

Education:

High School: Milton High, Alpharetta, GA, Graduated 1961

College: University of New Orleans, New Orleans,

LA, Graduated 1965; B. S. in Biology

Medical School: Tulane University, New Orleans,

LA, Graduated Cum Laude 1969

Internship: Charity Hospital of Louisiana Tulane Division, New Orleans, LA, 1969-1970

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Residency: Charity Hospital of Louisiana Tulane Division, New Orleans, LA, 1970-1973

Cardiology Fellowship: Wilford Hall, Lackland, AFB, San Antonio, TX, 1976-1978

Board Certification:

American Board of Internal Medicine 20 June 1973

American Board of Internal Medicine, Specialty of Cardiology 20 June 1979

Military Service: USAF 1973 -1980 Lt. Col.

Private Practice:

1980 -1986 San Antonio, TX. 1986 - 2004 Idaho Falls, ID 2004 - 2007 San Antonio, TX 2007 (1Mar07)-(29Feb12) 2012 Prescott, AZ 2012 (1Mar12) till Present Blackfoot, ID

Medical Societies:

Alpha Omega Alpha 1969 - Present

Musser - Burch Society of Tulane University 1969 - Present

Society of Air Force Physicians 1973 -1980

American College of Cardiology 1976 - Present Elected to Fellowship 2 Feb 1980

American Heart Association (AHA) 1976 – Present

American Medical Association 1980 – Present

Vascular Biology Working Group 1998 – Present

American Society of Echocardiography 2004 -

Present

Society of Cardiovascular Magnetic Resonance 2004 – 2012

Society of Cardiovascular Computed Tomography 2006-2012

American Society of Nuclear Cardiology 2006-2012

Served as President of San Antonio Chapter American Heart Association 1985 - 1986

Served on Idaho Chapter of American Heart Association Board of Directors 1988 --1993 Council on Clinical Cardiology (AHA) 1981-Present <u>Medical Societies con't:</u>

Laennec Society (AHA) 1981- Present

Idaho Falls Medical Society 1986 - 2004

Idaho Medical Association 1986 – 2004 2017-Present

Elected as Trustee Idaho Medical Association

District 6 2001- 2004

Arizona Medical Association 2007-2012

Elected to Board of Arizona Medical Association 2010-12

Education (teaching) Appointments:

Clinical Instructor Tulane School of Medicine 1973

Clinical Instructor Texas School of Medicine San Antonio 1978 -1980

Clinical Instructor/Preceptor for Idaho State

University Family Practice Residency, NP, and PA Programs 1999 – 2004

Appointment to Clinical Associate Professor of Medicine/Cardiology University of Texas Health Sciences in San Antonio, Texas 6 Dec 2005 – 2007

Clinical Preceptor for Midwestern Arizona College of Osteopathic Medicine 2010 - 2012

Director of Internal Medicine Residency Program at Bingham Memorial Hospital (Rocky Mountain OPTI-Rocky Vista University College of Osteopathic Medicine - Parker, CO) 2012 till Present

Clinical Professor of Medicine for Pacific Northwest University of Health Sciences- 2012 till Present

Clinical Professor of Medicine Rocky Vista University College of Osteopathic Medicine 2013 till Present

Honors Received:

Undergraduate: University of New Orleans (Previously L.S.U. in New Orleans) Deans List (1962 through 1965), Honor Council (selected to represent College of Sciences), Alpha Theta Epsilon- Honor Society, Alan and John B. Gates Scholarship for Excellence, and Who's Who in American Colleges and Universities

Medical School: Elected to Alpha Omega Alpha Sophomore Year

Medical School: Graduated Cum Laude 1969

Post Graduate: Chief Resident of Medicine Tulane Division 1972-1973

Outstanding Teacher Award; Department of Medicine (Wilford Hall USAF Medical Center) 1978 and 1979

San Antonio's 2006 Top Doctors - Cardiology (Scene Monthly November 2006, <u>http://sceneinsamonthly.blogspot.com</u>)

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America' Top Cardiologists 2006 – Consumers' Research Council of America, <u>http://consumersresearchcncl.org</u>

Doctor of the Year- 2008 Yavapai Regional Medical Center Prescott, AZ

America's Top Cardiologists 2014- Consumers' Research Council of America, <u>http://consumersresearchcncl.org</u>

Bingham Memorial Hospital June 2017 Physician Servant's Heart Award

General Activities:

Undergraduate: Co-founder of Delta Nu Alpha Biology Club University of New Orleans

General Activities con't:

Representative to Student Body Council University of New Orleans

Appointed to Honor Council by Dean of Sciences University of New Orleans

Editor of Arête Honor Society Publication University of New Orleans

Elected Vice President of Student Body University of New Orleans

Graduate: AHA Instructor Trainer for Advanced Life Support

Guest Lecturer to San Antonio Nurse's Educational Consortium

Co-Founder of San Antonio Cardiovascular Society

Serving as Interim President

President of San Antonio Chapter of American Heart Association 1985 - 1986

Co-founder Mended Hearts Club of Idaho Falls 1987

Medical Director of Cardiac Rehabilitation E.I.R.M.C. 1987 - 2004

Clinical Instructor to Idaho State Family Practice Program 2000 - 2004

Idaho Falls Symphony Society Board Member 2002 - 2004

Trustee of District 6 for Idaho Medical Association 2000 - 2004

National Faculty Speaker for GlaxoSmithKline

National Faculty Speaker for Astra Zeneca

General Activities Con't:

National Faculty Speaker for Pfizer

Professional Hospital Activities:

Chairman of Pharmacy Committee Eastern Idaho Medical Center (E.I.R.M.C.) Idaho Falls, Idaho

- Chairman of Department of Medicine E.I.R.M.C.
- Chairman of Critical Care Committee E.I.R.M.C.
- Chairman of Cardiovascular Services Committee E.I.R.M.C.
- Secretary-Treasurer of Medical Staff E.I.R.M.C.
- President of Medical Staff E.I.R.M.C.
- Council for Medical Staff Credentialing E.I.R.M.C.
- Council for Ancillary Staff Credentialing E.I.R.M.C.

• Council of Past Medical Staff Presidents E.I.R.M.C.

Committee for Graduate Medical Education Bingham Memorial Hospital (BMH) Blackfoot, Idaho

Peer Review Committee BMH

Director of Internal Medicine Residency Program BMH

Physician Representative to Informational Technology Committee BMH

Abstracts (presentations) and Publications:

Current status of 5-Hydroxytryptamine in Collagenvascular Diseases: Thesis at Tulane University School of Medicine, 1969.

Serotonin in Rheumatoid Arthritis, SLE, Osteoarthritis and Normals: National Meeting of the Arthritis Foundation, Boston, June 1969.

Abstracts (presentations) and Publications con't:

Angina Pectoris - The Anamnesis: Cardiology Service Core Curriculum, Wilford hall Medical Center Publication - 1977, 1978, 1979, 1980.

Left Ventricular Function: Cardiology Service Core Curriculum, Wilford Hall Medical Center Publication - 1977, 1978, 1979, 1980.

Slope versus Left Atrial Emptying Index in predicting severity of Mitral Stenosis: Regional Meeting of the American College of Physicians, Biloxi, MS - Feb. 1978.

New physical sign during myocardial Ischemia -Limb Venous Engorgement, nine cases: Regional Meeting of the American College of Physicians, San Antonio, TX- March 1979

Cyanosis following Right Pneumonectony -Importance of Patent Foramen Ovale: Regional Meeting of the American College of Physicians, San Antonio, TX- March 1979.

New Physical Sign During Myocardial Ischemia -Limb Venous Engorgement, Nine Cases: American Heart Journal (96-97), 814, June 1979.

Echocardiographic Systolic Time Intervals in the Assessment of Left Ventricular Function in Patients with Coronary Artery Disease: Archives of Internal Medicine, 240 (2), February 1980.

Behavior of Serum Myoglobin During Coronary Angiography: Regional Meeting of the American College of Physicians, St. Louis, MO - March 1980.

Behavior of Serum Myoglobin During Cardiac Catheterization - Concise Communication: Journal of Nuclear Medicine, September 1981.

Chronology of Professional Activities Since Completing Internal Medicine Residency in July 1973:

July 1973 - July 1980 United States Airforce (served 3 years overseas as Internist/Gastroenterologist- 2 years Cardiology Fellowship, and 2 years on Staff at Wilford Hall Medical Center in San Antonio, TX).

July 1980 to October 1986 Private Practice as Cardiologist in San Antonio, TX.

October 1986 to July 2004 Private Practice as Cardiologist in Idaho Falls, ID.

July 2004 to March 2007 Private Practice as Cardiologist in San Antonio, TX.

March 2007 to March 2012 Practiced as Cardiologist for Yavapai Regional Medical Center Prescott, AZ.

March 2012 until Present Practicing as Cardiologist for Bingham Memorial Hospital Blackfoot, ID.

Director of Internal Medicine Residency Program Bingham Memorial Hospital 2012 until Present



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Kimberly K. Stutzman, MD

Practice Experience:

Family Medicine Residency of Idaho, July 2007 to present

Program Director Caldwell and Magic Valley Rural Training Track, October 2016 to present Associate Director of Education and Rural Medicine, August 2013 to October 2016 Assistant Director of Education and Medical Student Clerkship director, July 2008 – August 2013 Practicing Physician, Mid-Columbia Family Health Center, White Salmon, WA, October 1995 to 2007

Fellowships:

University of Washington Faculty Development Fellowship 2008-2009 Society of teachers of Family Medicine Emerging Leaders Fellowship 2012-2013

Residency:

Spokane Family Medicine, Family Practice, 1991-1994 University of Washington Family Medicine Department, Chief resident, 1994-1995

Education:

University of Michigan Medical School, MD June 1991 Oregon State University, BS in Biochemistry/Biophysics, June 1987

Certification:

Board Certified in Family Medicine, 1994 Recertified in 2000, 2007, 2017 Fellow, American Board of Family Medicine Advanced Trauma Life Support Advanced Cardiac Life Support Neonatal Resuscitation, STABLE Advanced Life Support in Obstetrics Instructor

Honors:

Rookie Faculty of the Year, Family Medicine Residency of Idaho, 2008 Society of Teachers in Family Medicine Resident Teacher Award, Spokane Family Medicine, 1994 Terence C. Davies Award in Family Medicine, University of Michigan, 1991

Publications/Posters/Presentations/Lectures:

- Safety in Maternity Care, ALSO Course, Boise Idaho Spring 2009, 2010, 2011, 2012, 2014, 2016
 Course Director 2017
- LIC+RTT=Excellence in Education, Kimberly Stutzman, RTT Collaborative, Anderson, SC April 2017
- Year in the Life of an RTT, Kimberly Stutzman, RTT Collaborative, Anderson, SC April 2017
- Educational Preparedness for Women for Practicing Medicine in Rural Northwest, Kimberly Stutzman, RTT Collaborative, Anderson, SC April 2017
- Year in the Life of an RTT, Kimberly Stutzman, WWAMI RTT Network Group, March 2017
- Physician Wellness = SO Satisfaction, Winslow Gerrish, PhD, Kim Stutzman, MD, AAFP National Conference for Medical Students and Residents August 2016

- "Patient- and Community-Centered Care in the Rural Landscape: Is It Great to Be a Small-Town Doc?", Kimberly Stutzman, MD, David Schmitz, MD, AAFP National Conference for Medical Students and Residents, August 2015, 2016, 2017, 2018.
- "Patient- and Community-Centered Care in the Rural Landscape: Is It Great to Be a Small-Town Doc?", Kimberly Stutzman, MD, Steve Harmon, DO, AAFP National Conference for Medical Students and Residents, August 2014.
- "Outpatient Emergency Management: What to Do When the Emergency Happens Outside the Emergency Room", Kimberly Stutzman, MD, Justin Glass, MD, AAFP National Conference for Medical Students and Residents, August 2014
- "Walk a Mile in Your Team's Shoes: Experiential Practice Management Training", Kimberly Stutzman, MD, Bonnie Reed, MD, poster presentation, STFM Spring Conference May 2014
- "Residency by Proxy: Developing Meaningful Content and Structure to Support Significant Others", Winslow Gerrish, PhD, Kimberly Stutzman, MD, STFM Spring Conference May 2014
- "Moving Forward: Five Models of Peer Mentoring for Women in Academic Medicine", Suzanne Harrison, MD, Heather Paladine, MD, Linda Prine, MD, Jo Marie Reilly, MD, Kimberly Stutzman, MD, STFM Spring Conference May 2014
- "Transforming Healthcare One Village at a Time", lecture presentation with Lisa Sun-Rhodes, MD, National Conference for Medical Students and Residents for the American Academy of Family Physicians, August 2013
- "Student Run Friendship Clinic" poster, STFM emerging leaders fellowship, STFM Spring conference April 2013
- "Rural Medicine: How Meeting the Need Can Meet Your Needs", lecture presentation with Shannon Bentley, MD and Christina Marchion ,MD, , National Conference for Medical Students and Residents for the American Academy of Family Physicians, July 2012
- "Living Longer, Living Better, lecture presentation at Idaho WWAMI Mini-Med School, Boise, ID, February 2012
- "Rural Family Physicians: Leaders in Our Communities", lecture presentation lecture presentation with David Schmitz, MD, Randy Logenecker, MD and Amy McIntyre, MD, National Conference for Medical Students and Residents for the American Academy of Family Physicians, July 2011
- "Women in Rural Medicine", Table discussion leader, Society of Teachers in Family Medicine annual meeting, New Orleans, LA, February 2011
- "The Patient Centered Medical Home as Taught in Rural Rotations", lecture presentation with David Schmitz, MD at Society of Teachers in Family Medicine annual meeting, New Orleans, LA, February 2011
- "Creating Curricular Change to Meet the Challenge of the Patient Centered Medical Home", Poster presentation at Society of Teachers in Family Medicine annual meeting, Vancouver, BC, January 2010
- "Mapping a Rural Career: How the Journey of a Lifetime Can Fit YOU!", lecture presentation with David Schmitz, MD, National Conference for Medical Students and Residents for the American Academy of Family Physicians, July 2010
- "Pelvic Organ Prolapse" topic development for Pepid on line learning tool December 2009
- "Prevention and Health Promotion", lecture presentation at Idaho WWAMI Mini-Med School, Boise, ID, March 2009

Professional Society Memberships:

American Academy of Family Physicians, 1989 to present

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Washington Academy of Family Physicians, 1989 to 2007 County Delegate 1996-2000 Washington Medical Association, 1995-2007 County Delegate 1996-2000 Idaho Academy of Family Physicians, 2007 to present Idaho Rural Health Association, 2010 to present Society of Teachers of Family Medicine, 2007 to present Galen's Medical Society, 1988 - 1991 Phi Chi Medical Fraternity, 1987 - 1991

Medical Interests:

Rural Health Care, Undergraduate Medical Education, Community Health Care **References available on request.**

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3 CURRICULUM VITAE DOUGLAS N. WHATMORE ML# M-6630 Idaho

PRESENT POSITION: Physician in private practice, Idaho Falls, ID (1994- present)

BUSINESS ADDRESS: Eastern Idaho Medical Consultants, LLC 2985 Cortez Avenue Idaho Falls, ID 83404 (208) 535-4300

BOARD CERTIFICATION:

- 1. National Board of Medical Examiners 1977
- 2. Internal Medicine 1980
- 3. Cardiology 1987
- 4. Critical Care Medicine (ABIM) 1989-1999

CURRENT POSITION:

Program Director, Internal Medicine Residency Program Eastern Idaho Regional Medical Center

PREVIOUS POSITIONS:

- 1. Medical Co-Director, Intensive Care Units (2000-2015) Eastern Idaho Regional Medical Center
 - Responsible for overall management of patient care in the ICU, assuring quality of care, developing protocol and procedure guidelines, multidisciplinary rounds, teaching of staff
- 2. Medical Director, Cardiology Eastern Idaho Regional Medical Center
- 3. Chief, Critical Care Medicine Service Department of Surgery Walter Reed Army Medical Center
- 4. Chief, Critical Care Medicine Section Pulmonary and Critical Care Medicine Service Department of Medicine Walter Reed Army Medical Center
- 5. Director, Surgical ICU Walter Reed Army Medical Center
- 6. Program Director

Multidisciplinary Critical Care Medicine Fellowship Training Program (Medicine, Pulmonary, Anesthesiology and Surgery) Walter Reed Army Medical Center

- Overall director of the combined Fellowship Program
- Developed and ran the multidisciplinary program, growing it from two Fellows per year to six to eight
- 7. Program Director Critical Care Medicine Fellowship (ABIM) Training Program Walter Reed Army Medical Center
- 8. Consultant in Critical Care Medicine
 - Office of the Surgeon General
 - Advisor to the Surgeon General on Critical Care
 - Responsible for the management and direction of Critical Care Medicine for the U.S. Army
 - Selected candidates for all Army CCM Fellowships
 - Responsible for assignment of Critical Care specialists to Army hospitals
 - Responsible for review and approval of ICU plans for Army hospitals

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ANCILLARY POSITIONS:

- 1. Chair, Cardiovascular Services Committee Eastern Idaho Regional Medical Center
- 2. Project Officer, 1988-1994
 Special Care Unit Monitoring Equipment and Clinical Information System
 Walter Reed Army Medical Center
 Developed plans and criteria for a multimillion dollar replacement of the ICU monitoring systems and managed the purchase and installation of the system
- 3. Pre-Reviewer, ACGME RRC, 1994 Subspecialty of Critical Care Medicine

EDUCATION:

Undergraduate:

- 1. Case Institute of Technology Cleveland, Ohio 1965-1966 Chemical Engineering
- 2. Arizona State University Tempe, Arizona 1971-1972 Anthropology
- 3. San Francisco State University San Francisco, California 1972-1974 Molecular Biology

Graduate:

New York Medical College Valhalla, New York 1974-1977 Doctor of Medicine 1977

PROFESSIONAL TRAINING:

1.	INTERNSHIP	
	TYPE: LOCATION:	Categorical Medicine Walter Reed Medical Center
	DATES:	Washington, D.C. 20307-5001 July 1977 - June 1978
2.	RESIDENCY:	
	TYPE:	Internal Medicine
	LOCATION:	Walter Reed Army Medical Center Washington, D.C, 20307-5001
	DATES:	July 1978 - June 1980
3.	FELLOWSHIP:	
	ТҮРЕ:	Cardiovascular Disease
	LOCATION:	Walter Reed Army Medical Center Washington, D.C. 20307-5001
	DATES:	July 1980 - June 1982
4.	FELLOWSHIP:	
	TYPE: LOCATION:	Critical Care Medicine Walter Reed Army Medical Center
	LUCATION.	wanter Neeu Army Meurear Center

DATES:

OCTOBER 18, 2018 Washington, D.C. 20307-5001 July 1985 - June 1987

PREVIOUS MEDICAL APPOINTMENTS:

- 1. Program Director Critical Care Medicine Fellowship Training Program (ABIM) Walter Reed Army Medical Center 1989 - 1991
- 2. Director, Surgical Intensive Care Unit Walter Reed Army Medical Center 1989 - 1991
- 3. Quality Assurance Officer, Critical Care Medicine Service Walter Reed Army Medical Center 1987-1990
- 4. Assistant Chief, Critical Care Medicine Service Walter Reed Army Medical Center July 1989 - April 1990
- 5. Staff, Critical Care Medicine Service Walter Reed Army Medical Center July 1987 - June 1989
- 6. Chief, Cardiology Service Martin Army Community Hospital Ft. Benning, Georgia 31905-6100 July 1982 - June 1985
- 7. Director, CCU-ICU Martin Army Community Hospital Ft. Benning, Georgia 31905-6100 July 1982 - June 1985
- 8. Assistant Chief, Department of Medicine Martin Army Community Hospital Ft. Benning, Georgia 31905-6100 March 1984 - June 1984
- 9. Acting Chief, Department of Medicine Martin Army Community Hospital Ft. Benning, Georgia 31905-6100 June 1984 - July 1984

TEACHING APPOINTMENTS:

- 1. Instructor in Medicine Uniformed Services University of the Health Sciences (USUHS) Bethesda, Maryland 12 November 1981 - 30 September 1982
- 2. Teaching Fellow in Medicine, USUHS 1 July 199 - 12 November 1981
- 3. Assistant Professor of Medicine, USUHS January 1988 - June 1994

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- 4. Clinical Assistant Professor of Anesthesiology, USUHS January 1988 - June 1994
- 5. Director, ACLS Training Walter Reed Army Medical Center January 1988 - June 1994
- 6. Affiliate Facility, ACLS Subcommittee American Heart Association 1989 - June 1994
- 7. Program Director Critical Care Medicine Fellowship Training Program (ABIM) Walter Reed Army Medical Center April 1990 - July 1991 July 1993 - June 1994
- 8. Program Director Multidisciplinary Critical Care Medicine Fellowship Training Program Walter Reed Army Medical Center April 1990 - June 1994
- 9. Teaching Faculty, General Surgery Residency Program Walter Reed Army Medical Center 1990 - 1992
- 10. ACLS Instructor 1984 1994
- 11. ATLS Instructor 1985 1994

MEDICAL COMMITTEES:

- 1. Medical Staff Committee, Martin ACH, March 1982 1985
- 2. Critical Care Committee, Martin ACH, March 1982 1985
- 3. Mock Code Sub Committee, Martin ACH, March 1982 –1985
- 4. Heat Stroke Protocol Sub Committee, Martin ACH, March 1983 1985
- 5. DNR Protocol Sub Committee, Martin ACH, March 1984 -1985
- 6. Resuscitation Equipment Sub Committee, Martin ACH, March 1985
- 7. CPR Committee, Walter Reed Army Medical Center, January 1988 June 1994 Chairman, October 1989 - July 1992
- 8. Ad Hoc Ethics Panel, Walter Reed Army Medical Center, July 1988 January 1990
- 9. Ethics Committee, Walter Reed Army Medical Center, July 1988 January 1990
- 10. Therapeutic Agents Board, Walter Reed Army Medical Center, July 1988 June 1994
- 11. Chairman, Special Care Unit Council Walter Reed Army Medical Center, May 1989 - May 1994
- 12. Project Officer, Special Care Unit Monitor Replacement Equipment Walter Reed Army Medical Center, July 1989 - June 1994
- 13. Project Officer, ICU Collocation and Redesign Walter Reed Army Medical Center, 1989 - 1990
- 14. JCAHO Ad Hoc Group,

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS

OCTOBER 18, 2018

Walter Reed Army Medical Center, December 1989 - June 1994

- 15. Task Force on ICU Collocation, Walter Reed Army Medical Center, March 1990 - 1991
- 16. Task Force on Clinical Space Utilization Fourth Floor, Walter Reed Army Medical Center, 1990 - 1991
- 17. Critical Care Tower Committee, 1990 1992
- 18. Executive Committee, Army 10th Annual Scientific Meeting American College of Physicians, 1993
- 19. Cardiovascular Service Committee Eastern Idaho Regional Medical Center (Current)
- 20. Critical Care Committee Eastern Idaho Regional Medical Center 1994-2015
- 21. Trauma Committee Eastern Idaho Regional Medical Center
- 22. Infection Control Committee Eastern Idaho Regional Medical Center (Current)
- 23. Sepsis Committee Eastern Idaho Regional Medical Center
- 24. Ethics Committee Eastern Idaho Regional Medical Center (Current)
- 25. Graduate Medical Education Committee (Current) Eastern Idaho Regional Medical Center
- 26. Internal Medicine Program Evaluation Committee (Current) Eastern Idaho Regional Medical Center
- 27. Internal Medicine Program Clinical Competency Committee (Current) Eastern Idaho Regional Medical Center

MEDICAL SOCIETIES:

- 1. American College of Physicians
- 2. Society of Critical Care Medicine Vice President, Uniformed Services Section, 1990-1992 President, Uniformed Services Section, 1992-1994 Member, Task Force on National and International Disasters 1989-1994
- 3. American Thoracic Society
- 4. American Heart Association

STATE LICENSURE: Idaho

PROFESSIONAL AWARDS:

- 1. Army "A" Proficiency Designator in Critical Care Medicine
- 2. Chief Resident Award for Teaching Martin ACH, 1982-1985
- 3. Joint Services Commendation Medal
- 4. Army Commendation Medal
- 5. Meritorious Service Medal
- 6. Legion of Merit

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LIFE SUPPORT QUALIFICATIONS:

- 1. Instructor, ACLS, 1984 1994
- 2. Instructor, ATLS, 1985 1994
- 3. Director, ACLS Training

Walter Reed Army Medical Center, 1988 - 1994

PUBLICATIONS:

PAPERS:

1. Snyder, R., Archer, F., Endy, T., Allen, T., Condon, B.F., Kaiser, J., Whatmore, D.N., Harrington, G., McDermott, C.J., "Catheter Infection: Comparison of Two Catheter Maintenance Techniques" <u>Annals of Surgery</u> Vol 208, No. 5, Nov. 1988.

TEXTS:

1. Whatmore, D.N. "Shock" in <u>Combat Casualty Care Guidelines:</u> <u>Operation Desert Storm</u>, Zajtchuk, R. (Ed.) Office of the Surgeon General, TMM Publications, Washington, D.C. 1991

2. Whatmore, D.N. "Cardiovascular Pharmacology" in <u>Combat</u> <u>Casualty Care Guidelines: Operation Desert Storm</u>, Zajtchuk, R. (Ed.), Office of the Surgeon General, TMM Publications, Washington, D.C. 1991.

3. Whatmore, D.N. "Fluid Replacement" in <u>Combat Casualty Care</u> <u>Guidelines:</u> <u>Operation Desert Storm</u>, Zajtchuk, R. (Ed.), Office of the Surgeon General, TMM Publications, Washington, D.C. 1991

4. Coordinator, Critical Care Guidelines Section, <u>Combat</u> <u>Casualty Care Guidelines: Operation Desert Storm</u>, Zajtchuk, R. (Ed.), Office of the Surgeon General, TMM Publications, Washington, D.C. 1991

5. Whatmore, D. N. "Metabolism and Nutrition in the Trauma Patient" for <u>Anesthesia and Critical Care Medicine</u>, Condon, B.F. (Ed.), <u>Textbook of Military Medicine</u>, Office of the Surgeon General, TMM Publications, Washington, D.C. In preparation.

ABSTRACTS:

1. Incidence of Electrocardiographic and Cardiac Enzyme Abnormalities as an Indicator of Ischemic Heart Injury in Vascular Patients Undergoing Surgery - Snyder, Endy, Graeber, Condon, Collins, and Whatmore. <u>Critical Care Medicine</u> 15:400, 1987

POSTER PRESENTATIONS:

1. Incidence of Electrocardiographic and Cardiac Enzyme Abnormalities as an Indicator of Ischemic Heart Injury in Vascular Patients Undergoing Surgery. Whatmore, Snyder, Endy Graeber, Condon, and Collins. Society of Critical Care Medicine 16th Annual Educational and Scientific Symposium, 1987

PRESENTATIONS:

- 1. Asymmetric Septal Hypertrophy Medical Grand Rounds Martin Army Community Hospital, June 1983
- 2. Acute MI Diagnosis and Treatment Family Practice Program

Martin Army Community Hospital, 1983, 1984

- 3. Dysrhythmia: Pathophysiology, Identification, and Treatment Family Practice Program Martin Army Community Hospital, 1983, 1984
- 4. The Rationale Use of Vasopressors, Vasodilators, and Inotropes, Army CRNA Advanced Course, May 1987
- 5. Critical Care of the Combat Casualty, C4a Course Class 16 Fort Sam Houston, Texas, 16 May 1991
- 6. Pressors, Inotropes, and Vasodilators Sunrise Sessions, Society of Critical Care Medicine 20th Annual Educational and Scientific Symposium, 24 May 1991
- 7. Intro to Info 101 Information Systems in the ICU American College of Physicians Present Concepts in Internal Medicine 8th Annual ACP/Army Regional Meeting, 27 October, 1991
- 8. Pressors, Inotropes, and Vasodilators in the ICU, Critical Care Grand Rounds, Madigan Army Medical Center, Tacoma, Washington, 17 September 1992

VIDEO TAPES:

- 1. ICU Nurse Course Martin Army Community Hospital Ft. Benning, Georgia 1984
 - a. Acute MI
 - b. Dysrhythmias
 - c. Shock
 - d. Pacemaker Therapy
 - e. Ischemic Heart Disease

RESEARCH:

1. National Heart, Lung, and Blood Institute sponsored trial, ALLHAT, Sub-Investigator (Antihypertensive and Lipid-Lowering Treatment to prevent Heart Attack Trial), Study Investigator since 1997, study completion 2002.

2. Sub-Investigator, Venticute in ARDS, a multinational, multicenter randomized trial fo Recombivant Surfactant. ARDS portion of trial completed July 2000.

3. Sub-Investigator, VALID - Venticute in Acute Lung Injury (Pneumonia of aspiration of gastric contents leading to intubation, mechanical ventilation, and severe oxygen impairment), a multicenter, multinational study. 2003 to 2008. Omnicare.

4. Sub-Investigator, Metoclopramide vs. Erythromycin in ICU patients intolerant of gastric feedings. Enrollment May 2002 - April 2005.

5. Sub-Investigator, ADDRESS Study, F1K-MC-EVCL: Efficacy and Safety of Drotrecogin alfa (activated) in Adult Patients with Early Stage Sepsis. 2002-2004. Eli Lilly.

6. Sub-Investigator, F1K-MC-EVBR, A Randomized Double-Blind, Placebo Controlled Trial of Prophylactic Heparin in Patients with Severe Sepsis and Higher Disease Severity who are Undergoing Treatment with Drotrecogin alfa (activated). 2002-2005. Eli Lilly.

7. Sub-Investigator, EXCLAIM Study, A Double-Blind, Placebo Controlled, Parallel Multicenter Study on Extended VTE Prophylaxis in Acutely III Medical Patients with Prolonged Immobilization. 2002-2006. Aventis Pharmaceuticals.

8. Investigator, F1K-MC-EVBQ (EXTEND), A Phase IIIb Study to Determine Efficacy and Safety of Extended Drotrecogin Alfa (Activated) Therapy in Patients with Persistent Requirement for Vasopressor Support After 96-Hour Infusion with Commercial Drotrecogin Alfa (Activated). 2005-2007. Eli Lilly.

- 9. Investigator, Athena Trial. Protocol EFC5555. A Placebo-Controlled, Double-Blind, Parallel Arm Trial to Assess Efficacy of Dronedarone 400mg bid for Prevention of Cardiovascular Hospitalization or Death from Any Cause in AF/AFL Patients. Feb 2006-Jan 2008. Sanofi-Aventis.
- 10. Investigator, F1K-MC-EVDK (RESPOND) A Phase II Study to Evaluate Dose and Duration of Treatment of Drotrecogin Alfa (Activated) Using Serial Measurements of Protein C in Patients with Severe Sepsis and Multiple Organ Failure. Oct 2006-present. Eli Lilly.

11. Investigator, Protocol E5564-G000-301 (ACCESS). A Comparison of Eritoran Tetrasodium and Placebo in patients with Severe Sepsis. Dec 2006-present. Eisai.

12. Investigator, Protocol E4968 (Dionysos). Randomized double blind trial to evaluate the efficacy and safety of dronedarone (400mg BID) versus amiodarone (600mg daily for 28 days, then 200mg daily thereafter) for at least 6 months for the maintenance of sinus rhythm in patients with atrial fibrillation (AF). October 2007 to November 2008. Sanofi-Aventis,

13. Investigator, Protocol 11702 (Einstein VTE). Einstein VTE/PE Study Phase III Oral direct factor Xa inhibitor rivaroxaban in patients with acute symptomatic deep-vein thrombosis or pulmonary embolism. May 2007-present. Bayer.

14. Investigator, Protocol 11899 (Einstein EXT). Einstein Extension Study Phase III Once-daily oral direct factor Xa inhibitor in the long-term prevention of recurrent symptomatic venous thromboembolism in patients with symptomatic deep-vein thrombosis or pulmonary embolism. May 2007 to present.

RELATED EXPERIENCE:

- 1. United States Navy Hospital Corpsman -Honor Graduate of both "A" School and "B" School
- 2. Emergency Medical Technician, Maricopa County AZ
- 3. Registered Nurse, California
 - Challenged the boards for RN as a Hospital Corps "B" School graduate
 - Emergency Room, Sequoia Hospital, Redwood City CA

RESEARCH INTERESTS:

- 1. Mediator Receptor Interactions and the Mediation of Inflammation
- 2. Clinical Automation, Neural Networks and Computer Modeling of Disease
- 3. Non-Linear Dynamics of Critical Illness
- 4. ICU Dementia as a result of loss of neural connectivity and mitochondrial loss/dysfunction
- 5. Role of mitochondrial dysfunction in Sepsis and Aging
- 6. Inflammation and Autoimmune Disease

BRIAN A. WHITLOCK

PROFESSIONAL EXPERIENCE

PRESIDENT & CEO

Idaho Hospital Association - Boise, Idaho (August 2015-Present)

- Principal spokesperson for Idaho Hospital Association
- Lead state and federal advocacy and legislative representation for IHA agenda on key political issues
- Manage the development of new policies and programs that serve member hospitals
- Coordinate media and communications efforts on behalf of member hospitals and healthcare issues
- Primary liaison with other health related organizations and business entities on hospital/health care developments and issues
- Serve as liaison and staff support to IHA board appointed committees

DIRECTOR, STATE AND REGIONAL GOVERNMENTAL AFFAIRS

Idaho National Laboratory – Boise, Idaho (August 2006-August 2015)

- Manage Executive and Legislative Branch and regulatory agency relationships with Idaho and neighboring state governments for one of the largest employers in the state
- Consult with INL's leadership team on strategic issues relating to INL's performance of a multi-year, multi-billion dollar lab management contract with the US Department of Energy
- Negotiated a landmark agreement between the state of Idaho and DOE allowing INL to expand its nuclear research and development mission
- Helped establish the Center for Advanced Energy Studies in Idaho Falls, and secured millions in state funding for this unique collaborative effort between INL and the three Idaho universities and the University of Wyoming
- Advocate with state agencies for nearly 4000 researchers, scientists and employees of INL and garner state support for complex, cutting-edge research that promotes energy security and sustainability
- Advise the Governor's Leadership in Nuclear Energy (LINE) Commission

CHIEF OF STAFF

Governor Dirk Kempthorne – Boise, Idaho (January 2003-May 2006)

- Responsible for the day-to-day operations of state agencies and the successful development, coordination and implementation of the Governor's agenda
- Ensured that 17,000 state workers and a \$4 billion budget were consistent with the Governor's directives and Legislative intent
- Negotiated on behalf of the Governor, acted as his spokesman on high-profile and on-going issues, and served as the principle liaison with the Idaho Congressional Delegation, the Idaho Legislature, and city and county officials
- Coordinated Governor Kempthorne's regional environmental efforts and his work on energy and other issues with the White House and Federal agencies during his tenure as Chairman of the National Governors Association
- Directly supervised all state department and agency directors and the staff within the Office of the Governor
- Worked with the business community to build coalitions of support for significant legislation and public policy improvements

ADMINISTRATOR

State of Idaho Division of Financial Management – Boise, Idaho (January 2001-January 2003)

- Developed and communicated the Governor's budget priorities to legislators, state agencies, and the public
- Provided agency oversight and ensured that state government provided efficient and effective services to the people of the state of Idaho
- Directed the state of Idaho's budget of nearly \$4 billion, and utilized extensive experience in communications and policy management to guide a seasoned staff of budget analysts and economists during one of the most difficult economic periods in several decades for state governments
- Directed the implementation of efficiencies that saved over \$80 million in taxpayers' dollars

POLICY DIRECTOR

Governor Dirk Kempthorne - Boise, Idaho (January 2000-January 2001)

• Coordinated the efforts of the Governor's eight Policy Advisors and was the key person in implementing the Governor's agenda in the Legislature

COMMUNICATIONS DIRECTOR

Governor Dirk Kempthorne - Boise, Idaho (January 1999-January 2000)

• Directed all internal and external communications for the Governor and served as his lead speechwriter

DIRECTOR OF COMMUNICATIONS AND FIELD OPERATIONS

U.S. Senator Dirk Kempthorne - Boise, Idaho (January 1993-January 1999)

• Supervised all media contacts and directed the Senator's eight state offices and staff members

PUBLIC INFORMATION OFFICER

City of Boise – Boise, Idaho (February 1991-January 1993)

• Established the City of Boise's first Public Information Office, and handled all media contacts for the Mayor and City Council

DEPUTY PRESS SECRETARY

U.S. Senator James A. McClure - Washington, DC (February 1990-January 1991)

• Produced news releases and weekly columns detailing the Senator's work in Washington for Idaho media interests

NEWS REPORTER

KIVI Television - Nampa, Idaho (December 1986-February 1990)

- Worked as the lead reporter covering local, state and federal government issues for the ABC television affiliate in Boise, Idaho.
- Responsible for developing story ideas and served as a backup anchor for both news and sports

NEWS REPORTER/WEEKEND ANCHOR

KEPR Television - Pasco, Washington (August 1985-December 1986)

- Shot, wrote and edited television news stories for nightly broadcast
- Wrote, produced and anchored weekend newscast

Education

BRIGHAM YOUNG UNIVERSITY

Provo, Utah

• Bachelor of Arts in Communications (1985)

CURRICULUM VITAE Andrew P. Wilper, MD, MPH, FACP May 24, 2018

Education:

Harvard School of Public Health Master's in Public Health, July 2006-June 2008 Focus in Health Policy and Management

University of Washington School of Medicine M.D., August 1999-June 2003

University of Idaho B.A., Spanish, August 1995-May 1999 Minor, Microbiology

Postgraduate Training:

Leadership VA 2012-2013 – An intensive four-week leadership development training course for emerging leaders in the VA.

Harvard Faculty Development Program and Fellowship in General Internal Medicine, Boston, MA, July 2006-June 2008

Oregon Health Science University (OHSU), Portland, OR Internal Medicine Internship 2003-2004 Primary Care Internal Medicine Residency 2004-2006

Faculty Positions Held:

Acting Instructor of Medicine, Division of General Internal Medicine, University of Washington School of Medicine, Boise Veterans Affairs Hospital, Boise, ID, 7/2008-7/2011

Assistant Professor of Medicine Clinician-Teacher Pathway, Division of General Internal Medicine, University of Washington School of Medicine, Boise Veterans Affairs Hospital, Boise, ID, 7/2011-6/2016

Associate Professor of Medicine Clinician-Teacher Pathway, Division of General Internal Medicine, University of Washington School of Medicine, Boise Veterans Affairs Hospital, Boise, ID, 7/2016-present

Hospital Positions Held:

Chief of Staff, Boise VA Medical Center, 10/2016 to present

Associate Chief of Staff for Medicine, Chief Medicine Service, 3/2013 to 9/2016

Boise VA Chief Health Informatics Officer, 9/2014-11/2016

Acting Chief, Medicine Service 7/2012-3/2013

Hospitalist, Somerville Hospital, Somerville, MA,

Attachment 3

inpatient and intensive care unit coverage, 24-48 hours per month 2006-2008

Honors:

1999 Summa cum laude, University of Idaho
1998 Phi Beta Kappa
1995 University of Idaho Honors Program
2003 American College of Physicians, Idaho Chapter Outstanding Student in Internal Medicine
2006 Alpha Omega Alpha Medical Honors Society
2010 Fellow, American College of Physicians
2014 WWAMI Distinguished Teacher Nominee
2015 Northwest Society of General Internal Medicine Clinician Educator of the year

Board Certification:

Internal Medicine, American Board of Internal Medicine, granted 08/25/2006 Clinical Informatics, American Board of Preventative Medicine, granted 1/1/15

Current Licenses to Practice:

Massachusetts, Active 2006-2013 Idaho Supervising physician license, 2011-present

Professional Organizations:

Member, Society for General Internal Medicine, 2006-present Fellow, American College of Physicians, 2008-present Member, Mountain States Tumor and Research Institute, 2008-2010

Patient Care Responsibilities:

Boise VAMC Primary care clinic (0.1 FTE) and hospitalist medicine (0.2 FTE)

Teaching Responsibilities:

I supervise medical students and house staff on inpatient medicine rotations two months per year. During these months I hold attending rounds several times per week. In addition, I present ambulatory conference for the residents 3-5 times per year. These include one-hour lectures on dizziness, peptic ulcer disease, vitamin D, resistant hypertension, value-based care, and other case-based presentations.

Curriculum of Inquiry-course co-director, 2009-2013, and project mentor 2013-present. I originated and coplanned a curriculum named the Curriculum of Inquiry to introduce second year internal medicine residents to research with the aim that they will initiate an academic research or quality improvement project while in Boise. The curriculum consists of two two-hour lectures over a four week period, with an additional four-week block set aside for residents to complete their project. All of the Boise Internal Medicine residents participate in the curriculum over the academic year. Residents originate novel quality improvement or research projects and meet with faculty mentors and present their results monthly at a works in progress meeting. I presented the curriculum's structure and preliminary results at the 2010 Northwest Regional Society of General Internal Medicine Meeting, and again as a work shop at the 2012 meeting. I secured funding to further analyze the results of the curriculum. These results were published in a peer reviewed journal.

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

Leadership Skills for Residents-Course Director. (75% responsible for course content). Seminar series for senior residents emphasizing professionalism and leadership skills. 2013-present. I originated and planned a professional development seminar series for the senior residents of the Boise Internal Medicine Residency. This five part series includes reading and discussion on hierarchy, personal boundaries, project management, stress management, and conflict resolution. The sessions are facilitated by a PhD psychologist on faculty with the Family Medicine Residency of Idaho. In 2016, this project expanded to include interdisciplinary faculty and trainees.

-Teaching Educators Across the Continuum of Health Care (TEACH) implementation at the Boise VAMC. Organized and helped to deliver bi-monthly longitudinal interprofessional faculty development program at the Boise VAMC.

Invited Lectures:

Grand Rounds:

September 29, 2016 Boise VAMC. Health Insurance in the Era of the Affordable Care Act.

December 19, 2013 Boise VAMC. Health Reform 4.0

December 1, 2011. Boise VAMC. Health and Health Insurance in the U.S.

February 16, 2010. St. Luke's Regional Medical Center, Boise, ID. History of Health Insurance in the United States.

February 16, 2010. Mercy Medical Center, Nampa, ID. History of Health Insurance in the United States.

September 3, 2009. Boise VAMC Emergency Department Waits and Primary Care Availability in the U.S.

March 28, 2008. St. Elizabeth's Hospital, Boston, MA. Dismayed in the U.S.A. A History of Health Care Reform in the U.S

Public Presentations:

March 15th, 2017 Professional Boundaries. Presentation to the Ada County Medical Society.

March 1st, 2017 Legislative Testimony, A Primer for Physicians. Presentation to Advocacy 101.

October 18th, 2016 Don't Just Manage Conflict-Lead it! Presentation to the Ada County Medical Society.

April 7th, 2016 EKG Interpretation. Idaho Association of Physician Assistants Annual Meeting

April 7th, 2016 Cardiac Conduction Abnormalities. Idaho Association of Physician Assistants Annual Meeting

October 22, 2013 Noon Conference. Approach to the Dizzy Patient.

October 4, 2013. Noon conference, Resistant Hypertension.

January 3, 2013. Boise VAMC. Health Care Costs and Value. Resident noon conference.

April 14, 2013. EKG Interpretation. CME Presentation to Idaho Academy of Physicians Assistants.

IRSA

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February 25, 2012. Resistant Hypertension. CME Presentation to Terry Reilly Health System Winter Retreat.

August 4, 2010. Establishing an Infectious Disease Network in Idaho. Invited "honored guest" to deliver plenary presentation to Idaho INBRE meeting.

August 10, 2010. Establishing an Infectious Disease Network in Idaho. Presented project overview and preliminary data analysis to Public Health District Directors of the state of Idaho.

March 30, 2010. Idaho Primary Care Work Hours. Presented to Family Medicine Residency of Idaho Faculty Development Session.

April 2010. Health and Health Insurance in the U.S. Presented to Idaho Health Care For All.

October 28, 2010. Health Reform in the U.S. WWAMI Student Lecture.

Recent Continuing Education: Association of Program Directors in Internal Medicine National Meeting (2008) Advanced Cardiac Life Support (2010, 2012, 2014, 2016) Basic Life Support (2010, 2012, 2014, 2016) Association of Chiefs and Leaders of General Internal Medicine (2012) Clinical Informatics board review (2014) LEAN yellow belt certification (April 2015)

Editorial Responsibilities-None

National Responsibilities

Department of Veterans Affairs Disciplinary Appeals Board Member 2015-present

Society for General Internal Medicine, Board of Regional Leaders 2011-2012

Chair, Precourses, Society of General Internal Medicine 2013 National Meeting

Chair, Preventive Medicine abstract review committee, Society of General Internal Medicine 2015 National Meeting

Reviewer-Clinical Medicine Workshops, Society of General Internal Medicine 2015 National Meeting

Regional Responsibilities:

President, Northwest Regional Society for General Internal Medicine, 2011

Member, VISN 20 Academic Affiliations Advisory and Research Group 2011-present

Advisory Board Member, WWAMI Area Health Education Council 2012-2013

Activity Director, Faculty Development Workshop for Medical Providers Who Teach: Train the Trainers December 13th 2014. State-wide faculty development in conjunction with the University of Washington.

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Local Responsibilities:

Boise VAMC

Chair, Clinical Executive Board, 2016-present

Chair, Professional Standards Board, 2016-present

Chair, Protected Peer Review Committee, 2016-present

Co-Chair and lead, Boise VA Facility Invasive Procedure Committee, 2012-2016

Member, Boise VA Professional Standards Board, 2012-2016

Member, Boise VA Clinical Executive Board, 2012-2016

Member, Boise VA Protected Peer Review Committee, 2008-2016

Physician Utilization Management Advisor 2012-2014

Core faculty member, University of Washington School of Medicine Boise Internal Medicine Residency. 2013-2016

Associate Program Director, University of Washington School of Medicine Internal Medicine Residency Boise Track. 2008-2010

Associate Program Director, University of Washington School of Medicine Boise Internal Medicine Residency. 2010-2013

Boise VA Security Administrator and lead clinician for Idaho Health Data Exchange, a regional health information exchange 2010-2016

Chair, Recruitment Committee, Boise Internal Medicine Residency, 2012

Member, Boise VAMC Patient Care Redesign Task Group

Member, Patient Centered Medical Home Implementation Team 2009-2011

Lead, Boise VAMC inpatient redesign 2011-2012

January 2011 Boise VAMC, Center of Excellence in Primary Care Education. Assistant Director for Educational Outcomes and grant co-author, 2011-2013, \$55,204/year x five years.

VA LEAD program mentor 2013

UW Boise Internal Medicine Residency Clinical Competency Committee, 2010-present

UW Boise Internal Medicine Residency Recruitment Committee, 2010-present

Idaho ACP Boise VA McCall Winter Conference Planning Committee and Chair, 2010-present

Community

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Author of 2018 <u>Idaho House Bill 451</u> creating an income tax credit for charitable contributions made to accredited residency training programs in the state of Idaho. Bill effective July 2018.

Founder and President, David A. Hindson Education Foundation Inc., a 501c3 nonprofit corporation whose mission is to further medical education in Idaho. 2008-present

Medical Director, Terry Reilly Health Systems Service-Volunteer Teaching Clinic 2011-2015

Physician Volunteer, Friendship Clinic, 2015-present

Wyakin Warrior Foundation-Community Mentor-2015-present

Lead faculty liaison to regional WWAMI office for University of Washington Department of Medicine clinical faculty appointments and promotions, 2013-2016

Graduate Medical Education Committee, Family Medicine Residency of Idaho, 2008-2011

Health Policy research adviser, Idaho Chapter of the American Association of Retired People (AARP)-2009

Oregon Health and Science University

Chairman, OHSU House Officers Association 2005-2006

Wallace Medical Concern (free medical clinic) physician volunteer 2005-2006

Elected Internal Medicine representative to the OHSU Graduate Medical Education Committee 2004-2006

Elected Internal Medicine representative and organizer of OHSU House Officers Association 2004-2006

Health Disparities Curriculum Committee 2006. Granted \$4000 from GME office for development

Research Funding:

July 2010. Mountain States Tumor Research Institute Clinical Track Small Project Grant (peer reviewed), \$5,000 to conduct a study entitled "Tracking the Institution of Systems Based Practice."

September 2009- September 2011. \$51,281/year (.26 FTE/year) Senior Researcher for NCRR Administrative Supplement to the Idaho INBRE Program parent award for a collaborative project with the University of Washington's Clinical and Translational Science Award (ITHS). Establish a data collection network in the state of Idaho to detect infectious diseases utilizing the VAMC's network of rural clinics, with the long term aim of creating a system to improve health care in rural areas. My roles include administrative oversight, data gathering and analysis planning.

June 2009. Mountain States Tumor Research Institute Clinical Track Small Project Grant (peer reviewed), \$5,000 to conduct a study entitled "Access to Ambulatory Physician Services in the State of Idaho."

May 2009. Research grant, \$1,000 from the Idaho Office of Rural Health and Primary Care to complete Access to Ambulatory Care and Idaho Primary Care Physician Work force Study.

Bibliography:

a) Manuscripts to Refereed Journals

1) *Wilper AP, Woolhandler S, Lasser KE, et al. Waits To See An Emergency Department Physician: U.S. Trends And Predictors, 1997-2004. Health Affairs (Millwood) Mar-Apr;27(2):w84-95. Epub 2008 Jan 15.

2) *Wilper AP, Woolhandler S, Lasser KE, et al. Chronically Ill and Uninsured: a National Study of Disease Prevalence and Access to Care in uninsured U.S. Adults. Ann Intern Med. 2008 Aug 5;149(3):170-6

3) Wilper AP, Woolhandler S, Lasser KE, et al. Health and Health Care Behind Bars, a National Study. Am J Public Health. 2009 Apr;99(4):666-72. (featured article)

4) Herring A, Wilper AP, Woolhandler S, et al. Trends in U.S. Emergency Department Length-of-Stay by Patient and Hospital Factors, 2001-2005. Acad Emerg Med. 2009 Jul;16(7):609-16. Epub 2009 Jun 15

5) *Wilper AP, Woolhandler S, Lasser KE, et al. Health Insurance and Mortality in U.S. Adults. American Journal of Public Health. Am J Public Health. 2009 Dec;99(12):2289-95. Epub 2009 Sep 17 (featured article)

6) Wilper AP, Woolhandler S, Lasser KE, et al. Hypertension, Diabetes and Elevated Cholesterol among Insured and Uninsured Adults". Health Aff (Millwood). 2009 Nov-Dec;28(6):w1151-9. Epub 2009 Oct 20

7) Wilper AP, Woolhander S, Nardin R. The Impact of Insurance Status on Migraine Headache Care. Neurology. 2010 Apr 13;74(15):1178-83

8) Lopez, L, Wilper, A, et al. Racial and Gender Differences in Emergency Room Triage Assessment and Test Ordering for Chest Pain, 1997-2006. Acad Emerg Med. 2010 Aug;17(8):801-8.

9) *Wilper AP, Weppner WG, Smith CS. Changes in Idaho Primary Care Physician Work Hours, 1996-2009. JAMA. 2010 Oct 6;304(13):1443-5

10) J.F. Dick, A.P. Wilper, et. al. Can Residency Program Curricula Enhance Selection of Primary Care Careers? Factors Affecting Primary Care Career Choice in One Internal Medicine Training Program. Tach Learn Med. 2011 Jan: 23(1):53-7

11) Zalman L, Wilper AP et al. Undiagnosed and Uncontrolled Hypertension and Hyperlipidemia among Immigrants in the US. J Immigr Minor Health. 2012 Aug 23.

12) Wilper AP et al. Instituting Systems-Based Practice and Practice-Based Learning and Improvement: A Curriculum of Inquiry. Med Educ Online. 2013 Sep 16;18:21612.

13) *Christopher A, Wilper AP et al. (senior author) Trends in U.S. Physician Work Hours and Career Satisfaction. Am J Med. 2014 Jul;127(7):674-80.

14) *Christopher A, Wilper AP et al. (senior author) Access to Care and Chronic Disease Outcomes Among Medicaid-Insured Persons Versus the Uninsured. Am J Public Health. 2016 Jan;106(1):63-9

15) Weppner, WG, Wilper AP et al. Taking SGIM's Teaching Educators Across the Continuum of Healthcare on the Road - A Local, Interprofessional Faculty Development Innovation Journal of Graduate Medical Education. J Grad Med Educ. 2017 Jun;9(3):378-379

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16) Hunt, L, Wilper AP et al. Primary care collaborative practice in quality improvement: A description of an interprofessional curriculum. American Journal of Health-System Pharmacy. In Press

Syllabus Materials

1) Wilper A. Hypertension. University of Washington Boise Track Primary Care Seminar Series. 2009.

2) Wilper A. Hypertension. University of Washington Boise Track Primary Care Seminar Series. 2010. Invited United States Senate Testimony

1) U.S. Senate subcommittee on Primary Care and Aging, January 29, 2013 http://www.help.senate.gov/hearings/hearing/?id=dc487385-5056-a032-522c-082a29c4a406

Invited guest editorial

- 1) Nieman Watchdog "Fewer Emergency Rooms, but More Patients" February 25, 2008. Available at http://www.niemanwatchdog.org/index.cfm?fuseaction=Background.view&backgroundid=232
- 2) Idaho Statesman "Right Diagnosis, Wrong Cure" March 13, 2016. Available at <u>http://www.idahostatesman.com/opinion/readers-opinion/article65792312.html</u>

Letters to the Editor

- 1) Invited Letter to the Editor, American Journal of Public Health. May, 2009
- 2) Invited Letter to the Editor, American Journal of Medicine. November, 2015

Abstracts:

- 1) Wilper AP. Eczema Herpeticum, a case report. Presented at the Oregon state chapter ACP meeting, February 2006.
- 2) Wilper AP et al. Waits to See an Emergency Department Physician, Trends and Predictors. Presented as Oral Abstract in Health Policy, 2007 National Society of General Internal Medicine Meeting.
- Wilper AP et al. Chronically III and Uninsured, A National Study of Illness Prevalence, Diagnosis, Control and Access to Care. Presented as Oral Abstract in Health Policy, 2008 National Society of General Internal Medicine Meeting.
- Lopez L, Wilper AP, et al., Racial and Gender Differences in Emergency Room Triage Assessment and Test Ordering for Chest Pain. Accepted as poster presentation, 2009 National Society of General Internal Medicine Meeting.
- Herring A, Wilper AP, et al., Increasing Wait Time to See a Physician Among Children Presenting to US Emergency Departments, 1997-2006. Submitted for presentation at the 2009 Society for Academic Emergency Medicine meeting.
- 6) Herring A, Wilper AP, et al., Increasing Return Visits to US Emergency Departments, 2001-2006. Submitted for presentation at the 2009 Society for Academic Emergency Medicine meeting.

- Smith CS, Wilper AP, et al., Owning our Outcomes: Implementing quality improvement projects in resident continuity clinic. Plenary presentation at the 2009 Northwest Regional Society of General Internal Medicine Meeting.
- 8) Dick JF, Wipf JE, Wilper, AP, et al. Can Residency Program Curricula Enhance Selection of Primary Care Careers? Factors Affecting Primary Care Career Choice in one Internal Medicine Training Program. Accepted as poster presentation, 2009 National Society of General Internal Medicine Meeting.
- 9) Wilper, AP, Smith, CS. A Curriculum of Inquiring: Instituting Systems Based Practice. Poster presentation, 2010 Northwest Regional Society of General Internal Medicine Meeting.
- 10) Wilper, AP. Availability of Primary Care Physician Ambulatory Services in Idaho. Plenary presentation, 2010 Northwest Regional Society of General Internal Medicine Meeting.
- 11) Wilper, AP. Availability of Primary Care Physician Ambulatory Services in Idaho. Poster presentation, 2010 National Society of General Internal Medicine Meeting.
- 12) Wilper AP, Weppner W et al. Temporo-spatial Surveillance of Influenza Like Illness: Preliminary Results from the Idaho Infectious Disease Reporting Network. Poster Presentation, International Society for Disease Surveillance, December 2010. Park City, UT
- 13) Weppner W, Wilper AP et al. Syndromic Surveillance of Influenza-Like-Illness Using Automated VA Data: Preliminary Results from the Idaho Infectious Disease Reporting Network. Poster Presentation, International Society for Disease Surveillance, December 2010. Park City, UT
- 14) Zallman, L, Wilper AP et al. Undiagnosed and Uncontrolled Hypertension and Hyperlipidemia among Immigrants in the United States. Society of General Internal Medicine Annual Meeting, Phoenix AZ, May 5, 2011
- 15) Christopher A, Wilper AP. Trends in U.S. Physician Work Hours and Career Satisfaction. North West Society of General Internal Medicine Meeting, February 3, 2012. Award for Best Oral Presentation.
- 16) Orchard D, Wilper AP et al. Readmissions to the Boise VAMC. North West Society of General Internal Medicine Meeting, 2013
- 17) Wilper AP, Tivis, R. Diabetes Control: Is Travel Time to Primary Care Provider Associated with Changes in Hemoglobin A1c? A Preliminary Geospatial Analysis. North West Society of General Internal Medicine Meeting, February 2013
- 18) Wilper AP, Tivis, R. Diabetes Control: Is Travel Time to Primary Care Provider Associated with Changes in Hemoglobin A1c? A Preliminary Geospatial Analysis. National Society of General Internal Medicine Meeting, Denver, CO, April 2013
- 19) Gerrish WG, Wilper AP. Developing and Implementing an Effective Leadership Curriculum for Senior Residents. Society of Teachers in Family Medicine annual meeting, April 2015.
- 20) Christopher AC, Wilper AP, et al (PI and senior author). Outpatient Visit Frequency and Chronic Disease Control Among Medicaid-insured versus Uninsured Individuals: A National Perspective. Oral Abstract National Society of General Internal Medicine Meeting, Toronto, Canada, April 2015

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- 21) Christopher AC (presenter), Wilper AP (PI and senior author), et al. Access to Care and Chronic Disease Outcomes Among Medicaid-Insured Persons Versus the Uninsured. American Public Health Association National Meeting. Chicago, II. November 2015.
- 22) Wilper AP et al. Interprofessional Leadership Seminars. A Novel Approach to Teamwork and Leadership Training. North West Society of General Internal Medicine Meeting, February 2016.
- 23) Hansen A., Doucette, M., Wilper AP et al. A Novel Integrated Spine Care Program: The First Year. North West Society of General Internal Medicine Meeting, February 2016.
- 24) Hagman M., Wilper AP et al. Interprofessional Faculty Development with TEACH. Alliance of Academic Internal Medicine national meeting, 2016.
- 25) Hansen A., Wilper AP et al., Integrated Spine Clinic Evaluation. American Academy of Pain Medicine. 2017
- 26) Weppner WG, Wilper AP et al, Taking TEACH on the Road A Local, Interprofessional Adaptation of SGIM's "Teaching Educators Across the Continuum of Healthcare" Plenary Presentation, Northwest Society for General Internal Medicine 2017 regional meeting.

26) Hansen AE, Tivis R, Gordon T, Stewart LA, Maddox CL, Livingston C, Brouillard R, Dillon WG, Fassig E, Wilper AP, Doucette M. The Boise Veterans Affairs Integrated Spine Care Program: Multidisciplinary Pain Management for a Complex Population. Pain Medicine 2017; 18: 611-612.

Other – Workshops

- 1) Media Skills for Physicians, Faculty Panelist. National Society for General Internal Medicine meeting, Minneapolis, MN. April 29, 2010.
- Wilper AP, Weppner WG, Smith CS. Inquiry and Advocacy: Teaching Residents to be Agents of Clinical and Health System Change. Presented at the Northwest Regional Society of General Internal Medicine Meeting, February 3, 2012.
- 3) Teaching Educators Across the Continuum of Health Care. Organizer and presenter. Day long work shop kicking of longitudinal interdisciplinary faculty development program at the Boise VAMC.

KEVIN WILLIAM WILSON, DO, FACOI, FACP Associate Dean for Clinical Affairs

Education

-	Residency in Internal Medicine	1989-1992
	Detroit Osteopathic Hospital	
•	Internship	1988-1989
	Detroit Osteopathic Hospital	
	Doctor of Osteopathy	June 1988
	Michigan State University College of Osteopathic Med	icine
	East Lansing, Michigan	
	Oakland University	1980-1984
	Rochester, Michigan	
	Major: Biology	
<u>Prof</u>	essional Experience	
	-	ne 2009-June 2017
	Verde Valley Medical Center	
	• Creating a new program in Internal Medicine	
	• Curriculum development for Internal Medicine program	n
	• Formulating rotation specific objectives	
	• Completing the ACGME application	
	• AOA Accreditation 2012, 100% score on AOA Crosswa	alk
	 100% Board pass rate among program graduates 	
	• 13 th out of 112 Programs in-service exam scores, 2016	Internal Medicine
	Osteopathic Physician	1992-2017
	Cottonwood Internal Medicine	
	• Owner, practicing in/outpatient Internal Medicine	
•	Assistant Clinical Professor	2009-2017
	Midwestern University, AZCOM	
	• Preceptor for medical students in Internal Medicine	
•	Medical Director of Behavioral Health Unit	2004-2009
	Verde Valley Medical Center	
	• Provide inpatient care for geriatric psychiatric patients	and in-service
	education for nursing and ancillary staff	
<u>Cert</u>	<u>ification/Membership</u>	
•	Fellow of the American College of Osteopathic Internists	2013
	(ACOI practice management and professional committee 2017)
	Fellow of the American College of Physicians	2012
•	Association of Osteopathic Directors and Medical Educators	2010
	(Education program planning committee 2016 and 2017)	

American Board of Osteopathic Internal Medicine 1992

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Certificate #1340, 9/17/1992 Lifelong

Appointments

	Assistant Clinical Professor	2010 - 2017
-	Midwestern University, AZ College of Osteopathic Medicin	
	Delegate District 7	2005-2007
-	Arizona Osteopathic Medical Association	2003 2007
	Board of Directors	1997-1999, 2006-2010
-	Verde Valley Medical Center	1997 1999, 2000 2010
	Chief of Staff	1997-1998, 2006-2008
-	Verde Valley Medical Center	1997 1990, 2000 2000
	Chair Department of Medicine	2002-2004
	Verde Valley Medical Center	
Awai	<u>rds</u>	
-	Intern of the Year	1988-1989
	Detroit Osteopathic Hospital	
	Resident of the Year	1990-1991, 1991-1992
	Detroit Osteopathic Hospital	
•	Highest Quality Measures in Primary Care in Arizona	2015, 2016
	Cottonwood Internal Medicine	
	Award by Blue Cross/Blue Shield	
<u>Scho</u>	larly Activity/Presentations	
•	Flagstaff Osteopathic Medical Conference	August 2016
	Flagstaff Medical Center	
•	"Update on the ACGME/AOA Merger"	
•	Midwestern University Faculty Development	May 2015
	Mountain Vista Medical Center	
•	"Giving Feedback" Poster Judge for the Arizona Chapter ACP meeting	2010-2016
Teac	hing Roles	
	Preceptor for medical students in Internal Medicine	2009-2017
	Midwestern University, AZCOM	
	Preceptor for Internal Medicine residents	2010-2017
	Verde Valley Medical Center	
	Lecturer for Internal Medicine residents	2010-2017
	Verde Valley Medical Center	
•	MKSAP Club	2010-2017
	Verde Valley Medical Center	
•	Harrison's Club	2010-2017
	Verde Valley Medical Center	

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Community Service

	Old T	own Mission Physician	2004-2010
	0	Primary care clinic for indigent population in Cottonwood,	AZ
•	AYSC) Soccer Coach	1999-2006

CURRICULUM VITAE

WILLIAM M. WOODHOUSE, MD, FAAFP

DATE: September 5, 2018

CONTACT INFORMATION:

Office: Idaho State University Family Medicine Residency Program 465 Memorial Drive Pocatello, ID 83201 Phone: (208) 282 – 4508 (Program) (208) 282 – 2978 (Administrative office) (208) 234 – 4700 (Appointments) Fax: (208) 282 - 4818

OCCUPATION:

Family Physician Teacher Writer Health Policy Advocate Medical-legal Expert Consultant

ACADEMIC APPOINTMENTS:

1994 – present Idaho State University Family Medicine Residency Program

- Associate Dean of Graduate Medical Education & Professional Relations
- Clinical Professor in Department of Family Medicine, 2009
- Director of Clinical Grants Division
- Director of External Relations for Health Affairs, 2013 2018
- Associate Director, 1996 2014
- Co-interim director, Idaho State University Family Practice Residency Program, 1995 – 1996
- 1995 present Department of Family Medicine, University of Washington
 - Clinical Associate Professor, June 10, 2013 present
 - Clinical Assistant Professor, 1995-2013

1995 - 2008	Instructor, Idaho State University Physician Assistant Program
2002	Northwest AIDS Education and Training Center Faculty
1992	Visiting attending faculty, University of Wyoming Family Practice Residency at
	Casper

LICENSURE:

Wyoming State Medical License 1984 – 2019 Idaho State Medical License 1994 – 2019

CERTIFICATION:

Diplomat, American Board of Family Medicine since 1986 Re-certified: 1992, 1998, 2004, 2014; Expires 12/31/2024

Fellow, American Academy of Family Physicians since 1995

Advanced Cardiac Life Support Instructor, 1986 – present (1/2020) Provider, 1984 – present

Pediatric Advanced Life Support, Provider Course, 2/21/2016

Attachment 3

Crucial Accountability Course, Certificate of Completion, Portneuf Medical Center, 2014

Collaborative Institutional Training Initiative (CITI) Health Information Privacy and Security (HIPS) for Clinicians 8/31/2011 Human Subjects Research / IRB Refresher Course: 7/23/2014 Expiration Date: 7/22/2019

Campus Security Authority Online Training Program Title IX Course, 2013 General CSA Course (VAWA Compliant Version), 2013 CSA Recertification Course, 2016

Fundamental Critical Care Support, Society of Critical Care Medicine Instructor, 2005 – present Provider, 2003 – present

Advanced Trauma Life Support, Provider - Re-certified 5/1/93

Neonatal Resuscitation Program, Regional Trainer

Advanced Life Support in Obstetrics, Provider, Certified 9/29/95

EDUCATION:

Post-graduate: 1983 – 1986	Resident Physician, University of Wyoming Family Practice
	Residency at Casper
Medical School: 1979 – 1983	University of Iowa College of Medicine, Iowa City, IA
	MD received May 1983
Undergraduate: 1976 – 1979	University of Iowa, Iowa City, IA
-	BS, General Sciences, With Distinction, August 1980
High School: 1973 – 1975	Muscatine High School, Muscatine, IA
-	Diploma

HOSPITAL PRIVILEGES:

1994 – present	Active N	Aedical Staff; Portneuf Medical Center 777 Hospital Way – Pocatello,
-	ID 8320	1 (formerly Bannock Regional Medical Center – 651 Memorial Drive)
2013 - 1	present	Physician Round Table
2002 - 1	present	Institutional Review Board, Member
2006 - 1	present	Family Medicine Service Line
2011 - 2	2017	Chair, Ethics Committee
2003 - 2	2011	Continuing Medical Education Committee
2004 - 2	2008	Board Planning Committee / Strategic Planning and Oversight
		Committee
2003 - 2	2009	Information Services Steering Committee; previously Information
		Technology Strategic Planning Committee
1994 – 2	2006	Department of Family Practice
2005		Physician Leadership Group
2005		Executive Task Force on Service and Utilization
2003 - 2	2004	Hospital Design/Construction Committee
2002 - 2	2003	Hospital Consolidation Service Placement Committee
1994 -2002	Active N	Aedical Staff
	Pocatell	o Regional Medical Center (merger with Portneuf Medical Center, 2002)
		pital Way - Pocatello. ID 83201

1996 Chair, Department of Family Practice

Attachment 3

1997 1997 – 2002	Chair, Pharmacy and Therapeutics Committee Community Board, Member	
Memorial Hospit 1401 West Fifth		
PROFESSIONAL ORGANIZAT	'IONS:	
Idaho Academy of Family		
Board Member:	1997 – 2013	
President: 2002 -	- 2003	
American Academy of Fa	mily Physicians House of Delegates	
	lelegate: 2005 – 2006	
	Idaho delegate: 2007 – 2012	
	Reference Committee on Public Policy, Member: 2008	
Reference Committee on Health of the Public & Science		
Member: 2009		
Chair: 2		
Reference Committee on Practice Enhancement, Member: 2011		
Reference Comm	nittee on Education, Member: 2012	
Idaho Medical Association	n	
President: 2018-2	2019	
President-elect: 2	2017 – 2018	
	Seven: 2010 – 2017	
	on Affairs Committee: 2013 – present	
	r, 2015 – 2017	
	ubcommittee, Chair, 2016 – 2017	
IMA House of D		
	e: 1995, 1996, 2002, 2006 – 2017 ce Committee Member: 2007, 2012	
	Reference Committee A: 2008	
	Board: 2015 – present	
	Chair: 2017	
	olitical Action Committee (IMPAC) Board, Member: 2016 – present	
	e Uninsured: 2006 – 2010	
Society of Teachers of Fa	mily Medicine	

Society of Teachers of Family Medicine Co-chair, Group on Health Policy and Access: 2005 – 2007

Physicians for a National Health Program Idaho Chapter Contact / Spokesperson PNHP Leadership Training Institute: May 2004

COMMITTEES: State of Idaho: Office of the Governor

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

2015 - 2017Member, Idaho Healthcare Coalition Board, State Healthcare Innovation Plan (SHIP) Chair, District 6 Regional Health Care Collaborative, Medical Health Neighborhood 2011 - 2016Idaho Medical Home Collaborative, Idaho Department of Insurance Payment Reform Workgroup Medicaid Expansion / Redesign Workgroup 2012 - 2016Idaho Health Professions Education Council 2009 - 20162011 - 2014Idaho Health Care Council Idaho Health Care Workforce Partnership, Workforce 2010 Development Council, Department of Labor Idaho Health Care Summit, Governor's Select Committee on Health 2009 Care 1999 - 2001Immunization Registry Oversight Committee, Office of Early Childhood Development State Board of Education 2002 - 2003Health Professions Committee, Idaho State Board of Education State Department of Health and Welfare 2000 - present State physician loan repayment programs, Office of Rural Health and Primary Care Joint Health Care Access and Physician Incentive • Grant Review Board 2013 - 2019 Rural Health Care Access Program (RHCAP) Board, 2000 - 2013 Rural Physician Incentive Program (RPIP) Oversight Committee, 2009 – 2013 (ISBOE) State Loan Repayment Program (SLRP) Board, • 2014 - present 2014 Primary Care Physician Workforce Summit. Bureau of Rural Health 2006 - 2011Pharmacy and Therapeutics Committee, Division of Medicaid 1998 - 2006AIDS Drug Assistance Program Advisory Committee Idaho HIV Comprehensive Care Planning Committee, Idaho 2005 **STD/AIDS** Program Health Professional Recruitment and Retention Coordinating Council, 2002 - 2005State Office of Rural Health Board member, Idaho Immunization Provider Advisory Committee. 2001 - 2005Mountain States Group Idaho Adult Immunization Coalition Steering Committee 1999 - 20021995 - 2002Immunized-By-Two Task Force, Steering Committee Chair, Registry Workgroup 2004 - 2010Board of Directors, Idaho Rural Health Association Board, Institute of Rural Health, Idaho State University 1998 - 2001Idaho Health Policy Collaborative (formerly Inter-agency Working Group), Idaho Rural Health Education Center

Local:

1996 - 2005	Community HIV Resource Committee, Southeastern District Health Department
1998 - 2003	Southeast Idaho Immunization Coalition, Southeastern District Health
	Department

University:

51LY.	
1997 – present	Human Subjects Committee, Idaho State University
2014 - present	Idaho State University Animal Facility, Occupational Health Medical Specialist
2013 - present	Health Sciences Administrative Council, ISU Division of Health Sciences
2013 - present	Campus Security Authority (CSA), Department of Family Medicine
2017	Chair, Promotion & Tenure Review Committee, Department of Family Medicine
2013	Investigative Review Committee, academic ethics case, ISU College of
	Pharmacy
1998 - 2011	Idaho Conference on Health Care Planning Committee,
	Kasiska College of Health Professions, Idaho State University
2009 - 2010	Health Education and Research Advisory Council, Idaho State University, Office
	of Academic Affairs
2006 - 2015	Medical Education Committee, Office of the President, Idaho State University
2010, 2012	Internal Review Team, Family Practice Residency Network, University of
,	Washington
2001 - 2011	Graduate Advisory Committee, Department of Health and
	Nutrition Sciences, Idaho State University
2006 - 2007	Vice-president for Research Search Committee, Idaho State University
2004 - 2005	Evidence-based Practice Ad-hoc Curriculum Committee,
	Kasiska College of Health Professions, Idaho State University
2004 - 2005	Interactive Classroom Working Group,
	Kasiska College of Health Professions, Idaho State University
2004	Chief Research Officer Search Committee, Idaho State University
2003-2004	Chair, Post-graduate Uninsured Resident Committee, Kasiska College of Health
	Professions
2001-2002	Graduate Advisory Committee, Master of Public Health and Master of Health
	Education Programs, Department of Health & Nutrition Sciences
2000 - 2002	Search Committee for Director of the Institute of Rural Health Studies, Idaho
	State University
1999 - 2000	Advisory Council on Health Education & Research, Idaho State University
1999 - 2001	Department representative, College of Health Professions Faculty Advisory
	Council (CHPFAC), Idaho State University
1999 - 2000	Interdisciplinary Working Group, College of Health Professions, Idaho State
	University

PUBLICATIONS:

Peer-reviewed

Baergen R, **Woodhouse W**. "Surrogates and Extra-Familial Interests." *The Journal of Clinical Ethics*. Winter 2013. PMID: 24597420

Trimmer K, Cellucci L, Wiggins C, **Woodhouse W**; "Electronic Medical Records: TAM, UTAUT, and Culture". *Int. J. of Healthcare Information Systems and Informatics*. 4(3), 56-68 July- September 2009 55

"Eldest and last..." Contribution to "Life in 55 Words: Part I". William T.Grant, Feature Editor. *Family Medicine*, April 2008 Vol. 40, No. 4

Beachboard J, Wiggins C, Trimmer K, Pumphrey L, **Woodhouse W**. "Entrepreneurial IT Governance in a Rural Family Practice Residency Program" chapter <u>Advance Series in Health</u> <u>Information Systems & Informatics, Volume 1</u> IGI Publishing. 2007 "Easy Love." JAMA. July 26, 2006;296:372.

Periodicals

"The Impact of Family Medicine." Idaho State University Magazine. p18-19. Spring/Summer 2011.

 Reprinted in University of Washington Department of Family Medicine Newsletter, Summer 2011

"Pocatello Family Medicine Receives Quality Award" Press release via Idaho State University Department of University Relations, March 2, 2008

- "ISU Family Medicine Award" *The Retort*, Idaho Academy of Sciences. Winter 2008. Volume 44, No.1
- "Pocatello Family Medicine receives quality award from Qualis Health." *News and Notes*. Idaho State University. March 14,2008
- "Pocatello Family Medicine Receives Quality Award From Qualis Health." *Frontier Footnotes.* Idaho Area Health Information Education Center. Winter 2008

"Skiing Large" Cross-country Skier Magazine, November 2007

"Cross-country, Country Western." Cross-country Skier Magazine, November 2006

Idaho Family Physician Newsletter

- "Battles". Spring 2003.
- o "HIPAA Compliance or HIPPO Defiance". Winter 2002. Volume 25, Issue 3
- o "What Do We Believe?" Fall 2002. Volume 25, Issue 2
- o "The Idaho Immunization Registry". Spring 2000, Volume23, Issue 1

<u>Texts</u>

Reviewer / consultant, <u>Immunizations: A training resource for physician offices in Idaho</u>. Immunize Idaho, Primary Health, Inc. 1999

"High Altitude Illness" chapter in the <u>Manual of Family Practice</u>. First Edition, 1997, edited by Robert B. Taylor, MD.

Newspaper

"While lawmakers dawdle, Idaho's poor in peril." Idaho Statesman, March 16, 2013

"Medicaid Expansion: The Cost of Doing Nothing". Idaho State Journal, January 23, 2013

"Charting the Future of Health Care in Idaho." Feature article, Insight Section, *Idaho State Journal*. September 2, 2007

"Would for-profit hospital benefit area?" ("Health Care as an Extractive Industry") *Idaho State Journal*. May 11, 2007

"The Cyanide Canary." Feature article, Insight Section. Idaho State Journal, October 22, 2006

GRANTS / EXTERNAL FUNDING:

2017 - present

Capital funding request for ISU Health and Wellness Center; Collaboration with Kasiska Division of Health Sciences, ISU Facilities Services and ISU Central Administration; Submitted to Permanent Building Fund Amount requested: \$32,085,000

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018 Attachment 3

2016 - present Statewide GME Expansion Initiative developed as co-chair of IMA Medical Education Committee and GME Leaders Workgroup. Collaboration with Governor's Budget Office, Idaho State Board of Education and IBOE Medical Education Committee. FY 2017-18 Department of Family Medicine / RTT: \$375.000 ISU DHS / Psychiatry Residency: \$250,000 Idaho 10-Year GME Plan, funding proposal ISU FMR component: \$1,605,000 / year Pharmacotherapy Residency component: \$130,000 / year Idaho Medical Association Foundation Grants. 2018 Lumbar puncture clinical simulator Award: \$5,561.92 2017 Support of family medicine resident rural rotations and participation in professional organization meetings. Award: \$3000.00. Invited addendum submitted to cover Rural Perinatal Clinic Travel costs. Award: \$2,500.00 2016 Stipend support for family medicine residents on Idaho rural rotations.. Award: \$2,500.00 Portneuf Health Trust Grants. 2017 Letter of intent for computerized OB simulator system. Amount requested: \$10,114.04. LOI withdrawn due to alternative funding availability. 2013 Proposal for dental equipment prepared and submitted on behalf of the Pocatello Free Clinic. Amount requested: \$20,839. Award: \$25,000 2015-2018 Patient-Centered Medical Home, Level 3 Recognition, 2011 Standards, for Health West / ISU Family Medicine Clinic. National Committee for Quality Assurance. Score: 89/100. Certification date: April 16, 2015. Collaborated with Stephanie Heaton, Health West and John Holmes, Pharm D to prepare application. Recognition enhances clinical reimbursement from Medicaid, Medicare and State Health Innovation Plan. 2015 Legislative line item appropriation increase, collaborated with IMA Medical Education Committee, professional organizations, Idaho Board of Education, Governor's office and legislative committees to put forward ~ 10% GME funding increase. Residency support, LBB page 1-90; line item 5: \$502,200 / ISU FMR portion: \$90,900 2012, 2013 Recreational Trails Program Grant, Idaho Department of Parks and Recreation. Proposal for new grooming snowmobile prepared and submitted on behalf of Pocatello Cross Country Ski Foundation. Not approved, 2012. Revised, resubmitted and approved, 2013. Award: \$15,500 2011-2016 Primary Care Training and Enhancement / Residency Training in Primary Care Program. Title VII, Health Resources and Services Administration. "The Baby Boomer Medical Home Project". Grant # D58HP23221. Project Director. Coordinated preparation of proposal, wrote majority of content. Approved Award: \$1,123,155 2011 Residency Redistribution Request, Center of Medicare and Medicaid Services, Patient Protection and Affordable Care Act. Wrote proposal on behalf of Portneuf Medical Center to expand Graduate Medical Education slots from ~13.5 FTEs to 22 FTEs.

Attachment 3

Approved.

Additional FTE's. IME: 3.75 / DME: 3.75 New ongoing funding: ~ \$340,000 / year.

- 2011 Residency Redistribution Request, Center of Medicare and Medicaid Services, Patient Protection and Affordable Care Act. Wrote proposal on behalf of Madison Memorial Hospital for two new Graduate Medical Education FTE slots for the ISU Madison – Rexburg Rural Training Track. Approved. Additional FTE's. IME: 2.0 / DME: 2.0 New ongoing funding: ~ \$140,000 / year.
- 2012 New Access Point Grant. Health Resources and Services Administration. Bureau of Primary Health Care. Collaborated with Health West, Inc. and Nattie Prack, grant writer, to develop proposal for transition of Pocatello Family Medicine to a federally qualified health center. Submitted: 2010;Resubmitted and approved: 2012 Award: \$650,000 / year.
- 2010-2011 Division of Health Sciences Enhancement Grant, Idaho State University, "Prescription Drug Refill Practices in US Medical Practices" Collaborated with John Holmes, PharmD and Rex Force, Pharm D to prepare proposal and carry out project. Award: \$9,649.00
- 2010-2011 Portneuf Health Care Foundation. "A Partnership For Service, Education And Recruitment" Wrote proposal in collaboration with Health West, Inc. to fund NAP proposal development and transition to a federally qualified health center. Award: \$194,300
- 2010-2015 Primary Care Residency Expansion Grant. Health Resources and Services Administration, Bureau of Health Professions, Patient Protection and Affordable Care Act. "Idaho PCRE Project." Grant # T89HP20754. Expand resident complement from 18 to 21 residents. Approved.

Award: \$960,000 over five years

- 2008-2011 Residency Training in Primary Care Grant, Title VII, Health Resources and Services Administration. "Active Families for Life: The Therapeutic Lifestyle Center". Project Director. Coordinated preparation of proposal, wrote majority of content. Award: \$930,070
- 2013 Family Medicine Cares USA, Resident Service Award Application. American Academy of Family Physicians Foundation. "The Pocatello Smiles Project" collaboration with Pocatello Free Clinic. Assisted / mentored Sarah Tiggelaar, MD, R-2 with grant application. Amount requested: \$16,500; Not funded.
- 2009 Project HealthDesign Proposal. Robert Wood Johnson Foundation. "The MED-TOC Project" Not approved.
- 2005-2008 Residency Training in Primary Care Grant, Title VII, Health Resources and Services Administration. "Quality as Culture: Teaching the New Model of Practice". Project Director. Coordinated preparation of proposal, wrote majority of content. Approved. Award: \$563,841
- 2005 Computer Systems Advisory Committee supplemental academic computing fund grant. Application prepared on behalf of Daniel Jones, MD. Approved. Award: \$1,051

- 2004-2006 Ryan White Title III Capacity Development Grant, HIV / AIDS Bureau, Health Resources and Services Administration. Collaborated with David Hachey, PharmD to prepare application and administer project. Approved. Award: \$147,933
- 2003-2004 Ryan White Title III Planning Grant, HIV / AIDS Bureau, Health Resources and Services Administration. Collaborated with David Hachey, PharmD and Carolyn Chaney, RN to prepare application and administer project. Approved. Award: \$50,000
- Federal Line Item Appropriation request developed to fund electronic clinical database at the ISU Family Practice Residency and Family Practice Residency of Idaho in Boise. Incorporated into the Idaho State University's Telehealth Idaho continuation proposal. Project term: 2004-2005. Approved. Total Telehealth award \$1,444,052. EMR portion: \$962,701.
- 2002-2005 Residency Training in Primary Care Grant, Title VII, Health Resources and Services Administration. "Multidisciplinary Women's Health Initiative". Coordinated preparation of proposal, wrote majority of content, administered project. Approved. Award: \$351,000
- 2000 Children's Health Insurance Program Mini Outreach Contract, Idaho Department of Health and Welfare, Contributed to proposal content and editing. Award: \$19,355
- 1998 2006 Ryan White Title III EIS contract site. Ongoing collaboration with Family Practice Residency of Idaho to obtain HIV clinic funding. Assist with clinic management and grant administration. Funds received: \$22,070 → \$62,500 each year.
- 1999 2002 Graduate Training in Family Medicine Grant, Title VII, Health Resources and Services Administration. Rural Perinatal Clinic / Cross-cultural Medicine Curriculum. Coordinated preparation of proposal, wrote majority of content, administered project. Approved. Award: \$400,000
- 1998 2007 Release Time Support for External Funding. Idaho State University Research Coordinating Council. Funded preparation of Title VII Graduate Training in Family Medicine Grant proposals. Awards: \$7291.44 in 1998, \$10,161 in 2001, \$10,890 in 2007
- 2003 Healthy Tomorrows Partnership for Children Grant (HTPC-General), Maternal and Child Health Bureau, Health Resources and Services Administration. "Juvenile Detention Health Initiative." Collaborated with Nancy Mann, MD to prepare application. Approved but not funded.
- 1997 Grant application, Faculty Development in Family Medicine Grant, Title VII, Health Resources and Services Administration, not approved
- 1996 Grant application, Academic Medical Center / Community Health Network Childhood Immunization Demonstration Project, Centers for Disease Control; Approved but not funded.

Peer Review

2007 – present Peer reviewer, Family Medicine Digital Resource Library, Society for Teachers of Family Medicine

Attachment 3

2006 – present	Manuscript reviewer for Journal of Family Practice
2006 – present	Manuscript reviewer for Journal of the American Board of Family Medicine
2005, 2007	Proposal peer reviewer, Hawaii International Conference on System Sciences,
1997 – present	Publication proposal reviewer for Williams & Wilkins
1999 – present	Manuscript reviewer for American Family Physician
2004	Grant peer reviewer, Ryan White Care Act Title III, Early Intervention Services
	Program Objective Review Committee, Health Resources and Services
	Administration.
1997-2016	Grant technical peer reviewer, Primary Care Training Grants, Title VII, Health
	Resources and Services Administration, Division of Independent Review. 1997,
	2001, 2004, 2007, 2016
1995	Program committee member, Western Regional Meeting of the Society of
	Teachers of Family Medicine

RESEARCH:

"Patient-Centered Research for Standards of Outcomes in Diagnostic Tests: The PROD Study"; WWAMI Region Practice & Research Network; Research champion / technical expert group / clinical stakeholder. 2016 – 2018. Funding: \$25,690.00, Patient Centered Outcomes Research Institute (PCORI), Subaward No. UWSC9481

Site Physician Investigator – MEDication Focused Outpatient Care for Underutilization of Secondary Prevention (MED FOCUS). National Heart Lung & Blood Institute. 2014 – 2017

ISU Center for Healthcare Research and Quality (CHRQ). Higher Education Research Council Proposal. V Culbertson, R Force & W Woodhouse, Co-principal investigators. Not funded

Medical Director, Family Medicine Clinical Research Center, Idaho State University Department of Family Medicine, 2000 – 2005.

Co-principal investigator - "Action to Control Cardiovascular Risk in Diabetes (ACCORD)." National Heart, Lung & Blood Institute

Co-principal investigator - "Antihypertensive and lipid-lowering treatment to prevent heart attack trial (ALLHAT)." National Heart, Lung & Blood Institute

Co-principal investigator – "ONTARGET/TRANSCEND". Hamilton Health Sciences Corporation, McMasters University, Boehringer-Ingelheim

Principal investigator - "Losartan Effectiveness and Tolerability (LET) Study". Merck

Principal investigator - "A randomized, double-blind, multicenter, comparative phase III study of gatifloxacin versus ceftriaxone in the treatment of community-acquired pneumonia requiring hospitalization." Bristol-Myers Squib

Co-investigator - "Controlled Onset Verapamil Investigation of Cardiovascular Endpoints (CONVINCE trial)."

Principal investigator - "Candesartan cilexitil in heart failure assessment of reduction in mortality and morbidity (CHARM)." Astra

PRESENTATIONS:

Peer reviewed

• Society of Teachers of Family Medicine

- "The Transition of Care Coordinator Resident: a New Integrated TOC Curriculum" John Holmes, PharmD; Sharla Clark, DO; William Woodhouse, MD, Mitch Mendenhall, MD, R-3, Squire Hepworth, MD, R-2. Lecture / discussion. Prepared proposal. 2016 Annual Spring Conference, Minneapolis, MN. May 1, 2016
- "Active Families For Life: Making Multidisciplinary Care Accessible in the Patientcentered Medical Home." Lecture / Discussion. 2016 Annual Spring Conference. New Orleans, LA. April 28, 2011
- "The Quality as Culture Project" Woodhouse W, Hoffmann S. Lecture. Conference on Practice Improvement, Savannah, GA. December 6th, 2008.
- "Quality as Culture: How to make Quality Stick" **Woodhouse W**, Hoffman S, Bearden T, Resident. Seminar, 2008 Annual Spring Conference, Baltimore, MD. May 3, 2008..
- "Recruiting Physicians From Rural Practice and Orienting Them to the Academic Environment" 1995 Western Regional Meeting, San Diego, CA
- North American Primary Care Research Group Annual Meeting.
 - "Patient and Provider Reported Outcomes in Imaging Tests: The PROD Study". Zigman-Suchsland M, Witwer E, Truitt A, Hardy V, Zhang Y, Woodhouse W, Chou R, Findlay S, Fitzpatrick A, Jarvik J, Bossuyt P, Thompson M. Poster presentation P412. November 12, 2018, Chicago, IL.
 - "QT-Prolongation with Citalopram: Assessment of Patient Safety (QCAPS)". Holmes J, Borzadek E, Pugmire B, Foster J, Placek M, Cole D, Woodhouse W, Force R. November 11, 2013. Ottawa, Ontario, Canada. Poster
 - "Untoward consequences of a quality improvement intervention in patients with depression." Force RW, Pugmire BA, Holmes JT, Borzadek EZ, Foster JN, Johnson C, Wilde T, Woodhouse WM. November 11, 2013. Ottawa, Ontario, Canada. Presentation
- Hardy V, Zigman Suchsland M, Zhang Y, Vigil P, Collins K, **Woodhouse W**, Chou R, Findlay S, Lavallee D, Thompson M. "What patient centered outcomes do primary care clinicians consider when ordering imaging tests?". Abstract. Submitted to the American College of Radiology 2018 Annual Meeting. May 20-23, 2018
- "Electronic Medical Records Use An Examination of Resident Physician Intentions." 41st Hawaiian International Conference on System Sciences, January, 2008. Ken Trimmer, John Beachboard, Carla Wiggins, Bill Woodhouse.
- "Catalyst and cauldron: A community-based, university-affiliated family practice residency program facilitates interdisciplinary health professional education." 1999 Interdisciplinary Health Care Team Conference, Louisville, KY

Non-peer reviewed

- Portneuf Medical Center
 - ^o "The Opioid Epidemic & Physician Prescribing Practices" April 25, 2018
 - "The Evolving Health Care Access Landscape: Who's In, Who's Out and Who's Paying the Bill in the ACA Era". Presented at The New PTA: Prevention, Treatment and Access in Family Medicine 2014 Conference. Pocatello, ID. June 28th, 2014.
 - o "Idaho's Immunization Problem" to residents and Medical Staff
 - "Update on ACLS" to residents and Medical Staff
- "Medicaid Redesign and Expansion" Idaho Association of District Boards of Health Annual Meeting. June 6th, 2013, Pocatello, ID. With Stephen Weeg
- "Making Sense of Students and Residents: Generations, Developmental Stages and Challenges" Lecture / Discussion Idaho Academy of Family Physicians 63rd Annual Conference. May 21,2011; Repeated for Portneuf Medical Center Grand Rounds, December 14, 2011.
- "Idaho Health Care Panel" single payer representative, Idaho Medical Association 114th Annual Meeting, July 2006
- "Health Care as a Common Good" plenary presentation to Idaho Rural Health Association Biennial Meeting, May 2006
- "Evidence-based Medicine lecture series" and "High Altitude Illnesses" 1999 Elk Island Primary Care Conference, God's Lake, Manitoba

- College of Health Professions:
 - "Health Care as a Common Good"
 - ECON 303 Economics of Health Care. Economics Dept, April 21 2008
 - HCA 230: Health Insurance and Reimbursement. HCA Dept: April 16, 2008, April 15, 2009
 - HCA 340 Health Policy. HCA Department, October 15, 2007
 - HCA 115 US Health Care System. HCA Department, September 19, 2007
 - HE599 US and Global Health. MPH Department, September 6, 2007
 - "A Simulated Death Experience." Presented annually with Dr. John Dickey to physician assistant students.
 - "Approach to the Patient with Gastrointestinal Disease" and "Approach to the Patient with Liver Disease" presented annually to physician assistant students.
 - "Soooo… You want to be a Doctor." presented to Introduction to the Health Professions class, 2003 and 2006; Meet a Professional Night, ISU Pre-Health Professionals Association, November 2011, November 2012
 - "Marketing Your Self and Your Services to Health Care Providers" presented to Speech-Language Pathology Clinical Colloquium students.
 - "AIDS in Southeast Idaho" presented to Organizational Behavior in Community Systems graduate seminar, Department of Nursing, April 2003
 - "Providing Culturally Acceptable Health Care to Native Americans" Organized and moderated conference. April 28,1995
 - Idaho Conference on Healthcare, Idaho State University, Pocatello, ID:
 - o "Health Care as a Common Good." Plenary Session. October 25, 2007
 - "Quality as Culture", October 25, 2007. Woodhouse, Bearden, Krawtz, Murdock, Korasick and Ogden.
 - o "EMR Implementation: An old dog's journey into night.", 2006
 - o "Nickel and Diming Healthcare" Moderator, 2005
 - "A Seminar on the Uninsured" Sponsored by Institute of Rural Health Studies and Health Care Administration Program, March 2003 and repeated at Idaho Conference on Health Care, 2003
 - "AIDS in Southeast Idaho: Closer than you think...", 2002
 - o "Advanced directives: Living wills and mental health", 2001
 - Facilitator "Children's Mental Health Act", 1997
- Community
 - "Maintaining the 'temple': A maintenance guide for the human body." Parish nursing program. Grace Lutheran Church, Pocatello, Idaho, May 12, 2016
 - "Primary Care and the Future of Health Care in Idaho" New Knowledge Adventures, Idaho State University. January 27, 2015
 - "Family Medicine at Idaho State University" Presented to Pocatello Rotary Club, September 25, 2014
 - "The Patient Protection and Affordable Care Act" Presented to League of Women Voters. September 13, 2012
 - "Coffee Cans and Spaghetti Dinners: A folk remedy for our sick health care system."
 Presented to Idaho Health Care For All and general public. Boise, ID. October 1, 2012
 - o "Health Care as a Common Good" Presented to Pocatello Rotary Club, August 13,2009
 - "A failed health care system. What this means to business." Presented to Pocatello Rotary. June 2004
- A sampling of previous residency didactic topics:
 - Practice Management Curriculum Continuing sessions
 - o Evidence-Based Medicine Curriculum
 - o End-of-life Care Curriculum with John Dickey, presented to family practice residents.
 - "Colorectal Cancer Screening"
 - o "Acute Coronary Syndromes"
 - o "Evidence-Based Care Of Type 2 Diabetes"

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- "Dysfunctional Uterine Bleeding"
- o "Treatment of Alcohol Withdrawal Syndrome"
- o "Learning to Die Surviving the Loss of Patients in Your Practice"
- "Professional Boundaries"
- o "Hyperbilirubinemia"
- o "Getting It Right the First Time: Evaluating Potential Practice Sites"
- "Providing Culturally Acceptable Health Care to Native Americans", Conference Coordinator and Moderator
- "Wilderness Medicine Symposium" Presented "High Altitude Illness", Coordinator and Moderator

COMMUNITY SERVICE:

2003 – present	Pocatello Cross-country Ski Foundation
	Board Member
	Grant funding consultant
	Dry-land training program coordinator
1995 - present	Provider, Pocatello Free Clinic
	Grant funding consultant
1995 - present	Instructor, Neonatal Resuscitation and ACLS to hospital medical staffs
1995 - 2007	Gate City Youth Soccer League
	Soccer coach, USSA "D" Certificate
	"Knee Injury Prevention" training for coaches, 2006
1997 - 2002	Medical support, Hewlett-Packard International Women's Challenge,
	professional women's bicycle stage race
2000 - 2002	Chair, Youth Board, Grace Lutheran Church, Pocatello, ID
1997 - 2002	Community Board, Pocatello Regional Medical Center
1997 - 2001	Basketball coach, Girls city league, Hotshots
1992 - 2001	Presenter, "Tar Wars" anti-smoking campaign to fifth graders
2000	Leader, Alaska 2000 Mission, basketball camp and vacation bible school
	mission trip to McGrath, Alaska. Grace Lutheran Church, Alaska Missions
	Committee
1998 – 1999	Newborn Care presentation to Childbirth Education Class, Bannock
	Healthline
1997	Presenter, "Surviving the Deaths of Patients" to local Hospice groups
1987 – 1994	Vice-president, Sheridan County Hospice Board,
1994	Presenter, Bicycle helmet use promotion to grade schools
1994	Medical support, Bighorn Mountain Run, wilderness ultra-marathon
1993 – 1994	Treasurer, Sheridan All-Seasons Center Association, Organization to
	build community indoor ice facility
1990 - 1993	Board Member, Sheridan County Wellness Council

AWARDS:

2013	"Volunteer of the Year" Pocatello Free Clinic
2008	"Award of Excellence in Healthcare Quality", Qualis Health, received on behalf of the
	Department of Family Medicine's Quality as Culture Project and Pocatello Family
	Medicine, March 2008
2006-7	Reigned as King, Krewe of Snowshoe, Mardi Gras 2006
2003	Procedural Skills Teaching Award, Presented by Class of 2001-2003, Idaho State
	University Family Practice Residency
2002	"Big Shot" Award, Idaho Immunization Program, "For outstanding achievement toward
	the improvement of Idaho's childhood immunization coverage"
NTAT .	

PERSONAL:

Birth:	December 22, 1957, Muscatine, IA
Marital Status:	Married to Meg

Attachment 3

Grown children:	2 daughters: Emily and Madeline; 1 son: Murphy; Meg's son: Tucker	
Memberships:	World Masters Cross-country Ski Association	
	Idaho Cycling Enthusiasts	
Interests:	Hiking, mountaineering and backcountry	
	Endurance sport:	
	Nordic skiing marathons: American Birkebeiner, Masters Nationals,	
	West Yellowstone Rendezvous	
	Road and trail running: Pocatello Marathon, Just Cuz' Half Marathon	
	Bicycling	
	Motorcycle touring	
	The printed word: reading and writing for publication	
	All live musics and theater	
	Owns a banjo (which should never be confused with 'plays a banjo')	

SUBJECT

Board Policy III.T. Student Athletes - First Reading

REFERENCE

August 2012	Board approved second reading of amendments to Board Policy III.T. creating a separate section of Board policy to address student athletes (Formally within III.X.)
April 2016	Board approved first reading of amendments to Board Policy III.T. to improve the timeliness of the reporting requirements in subsection 6.
June 2016	Board approved the second reading of proposed amendments to Board Policy III.T.6.

APPLICABLE STATUTES, RULE OR POLICY

Idaho State Board of Education Governing Policies & Procedures, Section III.T.6.

ALIGNMENT WITH STRATEGIC PLAN

Board governance item – Student Safety

BACKGROUND/DISCUSSION

Board Policy III.T. Student Athletes, outlines requirements for institutions to develop policies pertaining to student athletes, student athlete conduct and limits on knowingly recruiting student athletes that have been convicted of a felony. Pursuant to Board Policy III.T.6. reporting requirements, student athletes are required to immediately report any incident which may result in a legal investigation or criminal charges.

Boise State University brought forward a concern regarding the limited scope of the required reporting. Board staff and counsel have worked with the legal counsel at each of the four-year institutions to identify any additional amendments needed to the policy and to gain consensus on any proposed amendments.

Consensus was reached on amending the term "legal investigation" with "student code of conduct or criminal investigation" and other corresponding edits to subsection 6. One additional amendment was identified after the group completed their work to expand the reference in subsection 3 to a term inclusive of the National Collegiate Athletic Association (NCAA) and National Association of Intercollegiate Athletics (NAIA) regulations. The proposed amendment would replace the reference to "NCAA regulations" with "applicable athletic conference regulations."

IMPACT

The clarification to the types of incidences reported will remove any ambiguity around what a student athlete must report to the head coach and athletic director.

ATTACHMENTS

Attachment 1 – Section III.T. Student Athletes

STAFF COMMENTS AND RECOMMENDATIONS

The proposed amendments would clarify the types of incidents that student athletes must report to their head coach and to the athletic director.

Staff recommends approval.

BOARD ACTION

I move to approve the first reading of amendments to Board policy III.T.6, as presented in Attachment 1.

Moved by_____ Seconded by_____ Carried Yes____ No____

Idaho State Board of Education GOVERNING POLICIES AND PROCEDURES SECTION: III. POSTSECONDARY AFFAIRS SUBSECTION: T. Student Athletes

June 2016 December 2018

- 1. Each public college and university shall have a written policy governing the conduct of student athletes. At a minimum, those policies shall include:
 - a. A disclosure statement completed and signed by the student athlete prior to participation in any intercollegiate athletic endeavor, which shall include a description of (1) all prior criminal convictions, (2) all prior juvenile dispositions wherein the student was found to have committed an act that would constitute a misdemeanor or felony if committed by an adult, and (3) all pending criminal charges, including juvenile proceedings alleging any act which would constitute a misdemeanor or felony if committed by an adult.
 - b. This statement will be kept in the office of the athletic director. Failure to accurately disclose all incidents may result in immediate suspension from the team.
- 2. Institutions shall not knowingly recruit any person as a player for an intercollegiate athletic team who has been convicted of a felony or, in the case of a juvenile, who has been found to have committed an act which would constitute a felony if committed by an adult. Exemptions to this restriction shall be granted only by the President of the college or university upon recommendation of the athletic director and faculty athletics representative. Such decisions shall be reported in writing to the Executive Director of the State Board of Education at the time the exception is granted.
- 3. A student athlete convicted of a felony after enrollment, including a plea of nolo contendere on a felony charge, shall be removed from the team and shall not be allowed to participate again in intercollegiate athletics at any Idaho public college or university. Further, an institution may cancel any athletic financial aid received by a student who is convicted of a felony while the student is receiving athletic financial aid subject to the applicable athletic conference NCAA regulations and the institution's applicable student judicial procedure. Nothing herein shall be construed to limit an institution from exercising disciplinary actions or from implementing student athletic policies or rules that go beyond the minimum requirements stated herein.
- 4. Subject to applicable law, all institutions shall implement a drug education and testing program and shall require all intercollegiate student athletes to give written consent to drug testing as a condition of the privilege of participating in intercollegiate athletics.
- 5. Institutions shall require their athletic coaches to hold an annual team meeting with their respective teams at the beginning of each season. The coaches shall be required to verbally review the team rules with team members at the meeting. Attendance at this meeting shall be mandatory. Each team member shall receive a written copy of the team rules and sign a statement acknowledging receipt of the rules and attendance at the meeting where the rules were verbally reviewed.

Idaho State Board of Education GOVERNING POLICIES AND PROCEDURES SECTION: III. POSTSECONDARY AFFAIRS

SUBSECTION: T. Student Athletes

June 2016 December 2018

Reporting Requirements

- a. Student athletes shall immediately report any incident which may result in a legal student code of conduct or criminal investigation of them or criminal charges against them to their head coach and to the athletic director. Coaches shall be obligated to inform the athletic director of any knowledge of a legalan investigation of one or more of their athletes. The athletic director shall report the same to the chief student affairs officer and to the institutional president, who shall report the same to the Executive Director of the State Board of Education as soon as possible after learning of the charges. The report to the Executive Director shall include a description of the alleged violation of law and the institution's proposed action, if any. Verbal reports to the Executive Director shall be followed up with written notification (e.g. email, text, memo, etc.)
- b. Coaches shall immediately report the conviction of any student athlete to the athletic director and the institutional president, who shall report the conviction to the Executive Director of the State Board of Education as soon as possible. This report shall include a description of the violation of law and the institution's proposed action, if any. Verbal reports to the Executive Director shall be followed up with written notification (e.g. email, memo, etc.).

Idaho State Board of Education GOVERNING POLICIES AND PROCEDURES SECTION: III. POSTSECONDARY AFFAIRS SUBSECTION: T. Student Athletes

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 - b. This statement will be kept in the office of the athletic director. Failure to accurately disclose all incidents may result in immediate suspension from the team.
- 2. Institutions shall not knowingly recruit any person as a player for an intercollegiate athletic team who has been convicted of a felony or, in the case of a juvenile, who has been found to have committed an act which would constitute a felony if committed by an adult. Exemptions to this restriction shall be granted only by the President of the college or university upon recommendation of the athletic director and faculty athletics representative. Such decisions shall be reported in writing to the Executive Director of the State Board of Education at the time the exception is granted.
- 3. A student athlete convicted of a felony after enrollment, including a plea of nolo contendere on a felony charge, shall be removed from the team and shall not be allowed to participate again in intercollegiate athletics at any Idaho public college or university. Further, an institution may cancel any athletic financial aid received by a student who is convicted of a felony while the student is receiving athletic financial aid subject to the applicable athletic conference regulations and the institution's applicable student judicial procedure. Nothing herein shall be construed to limit an institution from exercising disciplinary actions or from implementing student athletic policies or rules that go beyond the minimum requirements stated herein.
- 4. Subject to applicable law, all institutions shall implement a drug education and testing program and shall require all intercollegiate student athletes to give written consent to drug testing as a condition of the privilege of participating in intercollegiate athletics.
- 5. Institutions shall require their athletic coaches to hold an annual team meeting with their respective teams at the beginning of each season. The coaches shall be required to verbally review the team rules with team members at the meeting. Attendance at this meeting shall be mandatory. Each team member shall receive a written copy of the team rules and sign a statement acknowledging receipt of the rules and attendance at the meeting where the rules were verbally reviewed.

- 6. Reporting Requirements
 - a. Student athletes shall immediately report any incident which may result in a <u>student code of conduct or criminal</u> investigation <u>of them</u> or charges <u>against them</u> to their head coach and to the athletic director. Coaches shall be obligated to inform the athletic director of any knowledge of <u>an</u> investigation of one or more of their athletes. The athletic director shall report the same to the chief student affairs officer and to the institutional president, who shall report the same to the Executive Director of the State Board of Education as soon as possible-after learning of the charges. The report to the Executive Director shall include a description of the alleged violation of law and the institution's proposed action, if any. Verbal reports to the Executive Director shall be followed up with written notification (e.g. email, text, memo, etc.)
 - b. Coaches shall immediately report the conviction of any student athlete to the athletic director and the institutional president, who shall report the conviction to the Executive Director of the State Board of Education as soon as possible. This report shall include a description of the violation of law and the institution's proposed action, if any. Verbal reports to the Executive Director shall be followed up with written notification (e.g. email, memo, etc.).

SUBJECT

Board Policy III.N., General Education – Second Reading

REFERENCE

June 1996	The Board adopted a common course listing for general education core.
December 2016	The Board approved the first reading of Board Policy III.N. Clarify oral communication competencies
February 2017	The Board approved the second reading of Board Policy III.N.
August 2017	The Board approved the first reading of Board Policy III.N. Amending the makeup of the committee and setting a timeline for competency review.
October 2017	The Board approved the second reading of Board Policy III.N.
August 2018	The Board approved the first reading of proposed amendments to Board Policy III.N.

APPLICABLE STATUTES, RULE OR POLICY

Idaho State Board of Education Governing Policies & Procedures, Section III.N, General Education

ALIGNMENT TO STRATEGIC PLAN

Goal 1: Educational System Alignment - Ensure that all components of the educational system are integrated and coordinated to maximize opportunities for all students. Support data-informed decision-making and transparency through analysis and accessibility of our public K-20 educational system. Objective A: Data Access and Transparency; and Objective B: Alignment and Coordination - Ensure the articulation and transfer of students throughout the education pipeline (secondary school, technical training, postsecondary, etc.).

Goal 2: Educational Attainment - Idaho's public colleges and universities will award enough degrees and certificates to meet the education and forecasted workforce needs of Idaho residents necessary to survive and thrive in the changing economy. Objective C: Access - Increase access to Idaho's robust educational system for all Idahoans, regardless of socioeconomic status, age, or geographic location.

BACKGROUND / DISCUSSION

The proposed policy amendments provide for a common course indexing system within the General Education Matriculation (GEM) framework that would assist students in transferring to and between postsecondary institutions. This would be implemented for all institutions beginning in the Fall 2019 academic semester. Board staff has worked with GEM faculty discipline groups, the State General Education Committee, and the Council on Academic Affairs and Programs to develop a common indexing convention for a core set of freshman and

sophomore level curricula (100 and 200 level courses) within the GEM framework. Common course indexing includes three elements: common course prefix, common course number, common course title, and common GEM discipline area designation.

Amendments also require that recommendations to the state common course list be reviewed by the State General Education Committee before presentation to the Board's Instruction, Research and Student Affairs Committee. Institutions choosing to discontinue the delivery of a course on the list will need to notify the Board office a year in advance and provide rationale for discontinuance. The Board will review and approve the common course list on an annual basis.

IMPACT

According to a June 2018 report by the Education Commission of the States, seventeen states have implemented a common course policy. Development of a state common course list will provide greater transparency of course articulation and seamless transfer for Idaho's students. It will also provide greater consistency for equivalent courses to be offered with considered GEM designation across all institutions.

ATTACHMENTS

Attachment 1 – Board Policy III.N, General Education – Second Reading

STAFF COMMENTS AND RECOMMENDATIONS

Changes to policy align with Board goals to develop greater transparency within the system as it relates to course offerings, degree requirements, and transfer articulation. Pursuant to findings from this year's general education summit, limited modifications to the common course list for the 2019-20 academic year have been identified and will be brought forward to the Board for approval at its December 2018 regular Board meeting. Summarily, this amendment to policy helps address the Governor's Higher Education Task Force recommendations towards delivering clear postsecondary pathways for students. There were no changes between the first and second reading. Staff recommends approval.

BOARD ACTION

I move to approve the second reading of the proposed amendments to Board Policy III.N, General Education as presented in Attachment 1.

Moved by _____ Seconded by _____ Carried Yes _____ No ____

Idaho State Board of Education GOVERNING POLICIES AND PROCEDURES SECTION: III. POSTSECONDARY AFFAIRS SUBSECTION: N. Statewide General Education

Attachment 1

October 2017

In our rapidly-changing world, students need to understand how knowledge is generated and created. They need to adapt to new knowledge and opportunities as they arise, as well as effectively communicate and collaborate with increasing diverse communities and ways of knowing. In combination with a student's major, general education curriculum prepares students to use multiple strategies in an integrative manner, to explore, critically analyze, and creatively address real-world issues and challenges. General education course work provides graduates with an understanding of self, the physical world, the development and functioning of human society, and its cultural and artistic endeavors, as well as an understanding of the methodologies, value systems, and thought processes employed in human inquiries. General education helps instill students with the personal and civic responsibilities of good citizenship. General education prepares graduates as adaptive, life-long learners.

This subsection shall apply to the University of Idaho, Boise State University, Idaho State University, Lewis-Clark State College, Eastern Idaho Technical College, College of Southern Idaho, College of Western Idaho, and North Idaho College (hereinafter "institutions").

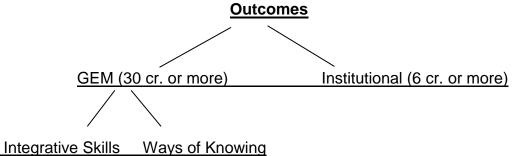
1. The state of Idaho's general education framework for Associate of Arts, Associate of Science, and Baccalaureate degrees, outlined below in Figure 1, shall be:

The general education curricula must be thirty-six (36) credits or more.

a. Thirty (30) credits or more of the general education curricula must fit within the general education Matriculation (GEM) competency areas defined in subsection 4 of this policy.

Six (6) or more credits of the general education curricula are reserved for institutions to address the specific mission and goals of the institution. For this purpose, institutions may create new competency areas or they may choose to count additional credits from GEM competencies. Regardless, these institutionally designated credits must have learning outcomes linked to Association of American Colleges and Universities (AAC&U) Essential Learning Outcomes.





- 2. The intent of the general education framework is to:
 - a. Establish statewide competencies that guide institutions' determination of courses that will be designated as GEM courses;
 - b. Establish shared rubrics that guide course/general education program assessment; and
 - c. Create a transparent and seamless transfer experience for undergraduate students.
- 3. There are six (6) GEM competency areas. The first two (2) emphasize integrative skills intended to inform the learning process throughout general education and major. The final four (4) represent ways of knowing and are intended to expose students to ideas and engage them in a broad range of active learning experiences. Those competencies are:
 - a. Written Communication
 - b. Oral Communication
 - c. Mathematical Ways of Knowing
 - d. Scientific Ways of Knowing
 - e. Humanistic and Artistic Ways of Knowing
 - f. Social and Behavioral Ways of Knowing
- 4. GEM courses in each area shall include the following competencies.
 - a. Written Communication: Upon completion of a course in this category, students are able to demonstrate the following competencies.
 - i. Use flexible writing process strategies to generate, develop, revise, edit, and proofread texts.
 - ii. Adopt strategies and genre appropriate to the rhetorical situation.
 - iii. Use inquiry-based strategies to conduct research that explores multiple and diverse ideas and perspectives, appropriate to the rhetorical context.
 - iv. Use rhetorically appropriate strategies to evaluate, represent, and respond to the ideas and research of others.
 - v. Address readers' biases and assumptions with well-developed evidencebased reasoning.
 - vi. Use appropriate conventions for integrating, citing, and documenting source material as well as for surface-level language and style.
 - vii. Read, interpret, and communicate key concepts in writing and rhetoric.
 - b. Oral Communication: Upon completion of a course in this category, students are able to demonstrate the following competencies.
 - i. Research, discover, and develop information resources and structure spoken messages to increase knowledge and understanding.

- ii. Research, discover, and develop evidence-based reasoning and persuasive appeals for ethically influencing attitudes, values, beliefs, or behaviors.
- iii. Adapt spoken messages to the diverse personal, ideological, and emotional needs of individuals, groups, or contexts.
- iv. Employ effective spoken and nonverbal behaviors that support communication goals and illustrate self-efficacy.
- v. Listen in order to effectively and critically evaluate the reasoning, evidence, and communication strategies of self and others.
- vi. Understand key theories, perspectives, principles, and concepts in the Communication discipline, as applied to oral communication.
- c. Mathematical Ways of Knowing: Upon completion of a course in this category, a student is able to demonstrate the following competencies.
 - i. Read, interpret, and communicate mathematical concepts.
 - ii. Represent and interpret information/data.
 - iii. Select, execute and explain appropriate strategies/procedures when solving mathematical problems.
 - iv. Apply quantitative reasoning to draw and support appropriate conclusions.
- d. Scientific Ways of Knowing: Upon completion of a course in this category, a student is able to demonstrate at least four (4) of the following competencies.
 - i. Apply foundational knowledge and models of a natural or physical science to analyze and/or predict phenomena.
 - ii. Understand the scientific method and apply scientific reasoning to critically evaluate arguments.
 - iii. Interpret and communicate scientific information via written, spoken and/or visual representations.
 - iv. Describe the relevance of specific scientific principles to the human experience.
 - v. Form and test a hypothesis in the laboratory or field using discipline-specific tools and techniques for data collection and/or analysis.
- e. Humanistic and Artistic Ways of Knowing: Upon completion of a course in this category, students are able to demonstrate at least five (5) of the following competencies.
 - i. Recognize and describe humanistic, historical, or artistic works within problems and patterns of the human experience.
 - ii. Distinguish and apply terminologies, methodologies, processes, epistemologies, and traditions specific to the discipline(s).
 - iii. Perceive and understand formal, conceptual, and technical elements specific to the discipline.
 - iv. Analyze, evaluate, and interpret texts, objects, events, or ideas in their cultural, intellectual or historical contexts.

- v. Interpret artistic and/or humanistic works through the creation of art or performance.
- vi. Develop critical perspectives or arguments about the subject matter, grounded in evidence-based analysis.
- vii. Demonstrate self-reflection, intellectual elasticity, widened perspective, and respect for diverse viewpoints.
- f. Social and Behavioral Ways of Knowing: Upon completion of a course in this category, students are able to demonstrate at least four (4) of the following competencies.
 - i. Demonstrate knowledge of the theoretical and conceptual frameworks of a particular Social Science discipline.
 - ii. Develop an understanding of self and the world by examining the dynamic interaction of individuals, groups, and societies as they shape and are shaped by history, culture, institutions, and ideas.
 - iii. Utilize Social Science approaches, such as research methods, inquiry, or problem-solving, to examine the variety of perspectives about human experiences.
 - iv. Evaluate how reasoning, history, or culture informs and guides individual, civic, or global decisions.
 - v. Understand and appreciate similarities and differences among and between individuals, cultures, or societies across space and time.
- 5. General Education Requirement
 - a. This subsection applies to Associate of Arts, Associate of Science, and Baccalaureate degrees. For the purpose of this policy, disciplines are indicated by courses prefixes.

General education curricula must reflect the following credit distribution:

Competency Area	Minimum Credits
Written Communication	6
Oral Communication	2
Mathematical Ways of Knowing	3
Scientific Ways of Knowing	7 (from two different disciplines with at least one laboratory or field experience)
Humanistic and Artistic Ways of Knowing	6 (from two different disciplines)
Social and Behavioral Ways of Knowing	6 (from two different disciplines)
Institutionally-Designated Credits	6

i. GEM courses are designed to be broadly accessible to students regardless of major, thus college-level and non-GEM pre-requisites to GEM courses

should be avoided unless deemed necessary by the institution.

- ii. Additional GEM courses, beyond the general education curricula, may be required within the major for degree completion.
- b. This subsection pertains to Associate of Applied Science (AAS) degrees.
 - i. The general education curricula for the AAS degree must contain a minimum of fifteen (15) credits, so distributed in the following areas:

Competency Area	Minimum Credits
Written Communication	3
Oral Communication	3
Mathematical Ways of Knowing	3
Social and Behavioral Ways of Knowing	3
Any general education course including	3
institutionally designated courses	

- c. GEM courses and institutionally designated courses shall transfer as meeting associated general education competency requirement at any institution pursuant to Board policy Section III.V.
- 6. Governance of the general education Program and Review of Courses
 - a. GEM courses are developed by faculty and approved via the curriculum approval process of the institution delivering the courses. Faculty discipline groups representing all institutions shall meet at least annually or as directed by the Board, to ensure consistency and relevance of general education competencies and courses approved for their respective GEM competency areas.
 - b. Common Course Indexing is developed for courses offered within the GEM framework to provide greater transparency and seamlessness within transfer processes at Idaho's postsecondary institutions. Common indexed courses are accepted as direct equivalents across institutions for transfer purposes. Common course indexing shall include common course prefix, common course number, common course title, and common GEM discipline area designation. The common course number shall be three digits in sequence, but can be preceded by a single digit if four numbers are utilized by the institution (x###).

The common course list shall be approved by the Board on an annual basis and shall be maintained by the Board office. Proposed additions or removal of courses on the common course list must be reviewed by the GEM Committee prior to Board approval. The discontinuation of a common-indexed course delivered at an institution must be approved by the Board. The request to discontinue a course must be submitted in writing by the institution to the Board office. The request shall

be submitted no less than a year in advance and provide rationale for the inability to offer the course.

- c. The General Education Matriculation Committee (GEM Committee): The GEM Committee shall consist of a representative from each of the institutions appointed by the Board; a representative from the Division of Career-Technical Education; as an ex officio member, a representative from the Idaho Registrars Council; and the Office of the State Board of Education Chief Academic Officer, who shall serve as chair to the committee. To ensure alignment with AAC&U Essential Learning Outcomes and subsection 1, the Committee shall meet at least annually to review the competencies and rubrics of the general education framework for each institution. The Committee shall make recommendations to the Board regarding the general education framework and the common course list. The Committee shall update general education competencies every three years. GEM Committee duties are prescribed by the Board, including those that may involve addressing issues related to competency areas and course offerings. The committee reports to the Council on Academic Affairs and Programs.
- d. The institutions shall identify all general education courses in their curricula and identify them on the state transfer web portal.

SUBJECT

College Level Exam Program/Advanced Placement Course Equivalency Development

REFERENCE

December 2016	Board approved first reading of Board Policy III.L
February 2017	Board approved second reading of Board Policy III.Y.
June 2018	Board approved the first reading of amendments to Board
	Policy III.Y. establishing system-wide policy for awarding
	credit for AP exams.
August 2018	Board approved the second reading of amendments to Board Policy III.Y establishing system-wide policy for awarding credit for AP exams.

APPLICABLE STATUTES, RULE OR POLICY

Idaho State Board of Education Governing Policies & Procedures, Section III.Y. Advanced Opportunities and III.L Continuing Education and Prior Learning

ALIGNMENT WITH STRATEGIC PLAN

Goal 1 (Educational System Alignment), Objective B (Alignment and Coordination) Goal 2 (Educational Attainment), Objectives A (Higher Level of Educational Attainment) and B (Timely Degree Completion)

BACKGROUND/DISCUSSION

The opportunity to earn postsecondary credit(s) through the demonstration of knowledge, usually through performance on comprehensive exams or portfolio development is generally called the assessment of prior learning, or *prior learning assessment* (PLA). PLA methods provide a bridge for student learning acquired outside of the traditional postsecondary classroom environment.

Examples of the most popular prior learning assessments include: Advanced Placement (AP), College Level Examination Program (CLEP), academic department challenge exams, and student portfolio evaluation. For active service military personnel and military veterans, the Joint Services Transcript (JST) and DANTES Subject Standardized Tests (DSST) are traditional forms of PLA. Research indicates that adult and non-adult learners who earn credit through PLA are more likely to persist, take more courses over a longer period of time, and graduate with a postsecondary credential.

For these reasons access to PLA is essential to helping reduce costs for students, while achieving the State Board's educational attainment goal that 60% of 25-34 year olds hold a post-secondary credential by 2025. Though Board Policy III.L., Continuing Education and Prior Learning, provides definitions and guidance for PLA it does not provide direction for institutions as to how PLA should be implemented across the system; therefore, a need exists to develop consistent and

transparent approaches to delivering and recognizing PLA methods, as well as awarding credit and articulating transfer credit for PLA.

For the state general education summit in September 2018, faculty representatives were charged with evaluating the feasibility of a proposed exam-to-course crosswalk for AP and CLEP as it corresponds to individual courses on the common course list to be implemented in the 2019-20 academic year. For exams that do not have a specific course match, Board staff requested faculty evaluate the feasibility of a proposed crosswalk for AP and CLEP exams to one of the six general education discipline areas.

With the Board having approved policy guaranteeing credit to be awarded for all Advanced Placement exams completed with a minimum score of "3", this effort will help ensure that courses are articulated with consistency across institutions. The same effort will be made for CLEP exams, looking at a minimum threshold for common scoring and course equivalency methods.

IMPACT

This report will provide the Board with an update on work being done to provide for a more transparent process for awarding credit based on prior learning assessments.

ATTACHMENT

Attachment 1 – AP and CLEP Prior Learning Assessment Overview Attachment 2 – AP and CLEP Crosswalk

STAFF COMMENTS AND RECOMMENDATIONS

Staff will be working with institutions in the coming months with respect to aligning and adopting a common crosswalk for AP and CLEP exams. This will help ensure that students who complete these exams with the necessary scores are aware of how the credit will be articulated to a specific course and/or general education requirement. This will help provide greater transparency to students and advisors as to how credit is awarded and transferred, and ensure that the credit earned will make meaningful degree progress for a student.

In addition to AP and CLEP, Board staff will continue to work with institutions on the development of crosswalks for other forms of PLA, such as those related to military training and instruction and work-based learning.

BOARD ACTION

This item is for informational purposes only.

AP and CLEP:

Prior Learning Assessment Overview

September 20, 2018



Attachment 1

Introductions

Gini Beran

• Director, CLEP Outreach

Suzanne McGurk

• Senior Director, AP & CLEP Higher Education Policy

Attachment 1

What is the College Board?

Mission: To connect students to college success

- One hundred year-old, not-for-profit cross-sector membership association
- Created by higher education institutions to bring order to the college admissions process
- 6,000 member institutions postsecondary, secondary, non-profits
- Members must be regionally accredited degree-granting higher education institutions and systems, and K-12 institutions and systems, along with aligned not-for-profits
- Membership brings discounts on some products and events, but most importantly provides opportunities to lead the organization through governance participation

What is AP?

Advanced Placement

Advanced Placement Program® (AP)

- Enables willing and academically prepared students to pursue collegelevel studies while still in high school.
- The program consists of college-level courses developed by the AP Program that high schools can choose to offer, and corresponding exams that are administered once a year.
- 38 courses and exams covering primarily gen ed courses

Exam Administration

- School-based testing annually available in May
- Over 4 million exams administered in 2018
- Essay and short response items along with multiple choice

Earning college credit

- Score scale: 1-5
- ACE-recommended credit-granting score: 3
- 2,900 colleges grant credit for AP exams
- Exam fee is \$94 (an option under Advanced Opportunities funding)

AP Courses and Exams

Arts

Art History Music Theory Studio Art: 2-D Design Portfolio Studio Art: 3-D Design Portfolio Studio Art: Drawing Portfolio

English

English Language & Composition English Literature & Composition

World Languages

Chinese Language & Culture French Language & Culture German Language & Culture Italian Language & Culture Japanese Language & Culture Latin Spanish Language & Culture Spanish Literature & Culture

Sciences

Biology Chemistry Environmental Science Physics 1 Physics 2 Physics C: Electricity & Magnetism Physics C: Mechanics

Math

Calculus AB Calculus BC Statistics

Computer Science

Computer Science A Computer Science Principles

Social Sciences

Comparative Government & Politics U.S. Government & Politics Human Geography Macroeconomics Microeconomics Psychology

History

European History U.S. History World History

Capstone

Capstone: Seminar Capstone: Research

What Is CLEP?

College-Level Examination Program (CLEP)

- Credit-by-exam program that validates knowledge and translates learning into credit
- 33 exams covering introductory college course content
- Mostly multiple-choice, with some essays and listening sections

Exam administration

- All exams are computer-based
- Delivered at 2,000 test centers
- Immediate score reports (except exams with essays)

Earning college credit

- Score scale: 20–80
- ACE-recommended credit-granting score: 50
- 2,900 colleges grant credit for CLEP exams
- \$87 fee (covered by Advanced Opportunities funding)

CLEP Exam Titles

33 CLEP Exam titles in 5 categories

History and Social Science

- American Government
- History of the United States I
- History of the United States II
- Human Growth and Development
- Introduction to Educational Psychology
- Principles of Macroeconomics
- Principles of Microeconomics
- Introduction to Psychology
- Introduction to Sociology
- Social Sciences and History
- Western Civilization I
- Western Civilization II

Business

- Information Systems
- Principles of Management
- Financial Accounting
- Introductory Business Law

Composition and Literature

- American Literature
- Analyzing and Interpreting Literature
- College Composition
- College Composition Modular
- English Literature
- Humanities

Science and Mathematics

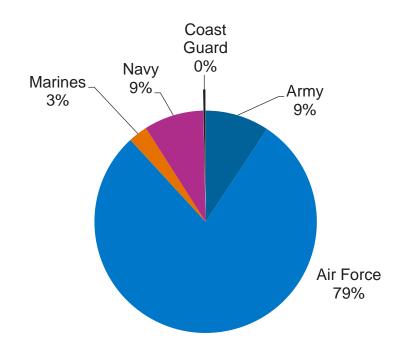
- Calculus
- College Algebra
- Precalculus
- College Mathematics
- Biology
- Chemistry
- Natural Sciences

World Languages

- French Language
- German Language
- Spanish Language

Attachment 1

CLEP and the Military



Service Members

- For more than 40 years, Department of Defense has funded CLEP testing for eligible Service Members
- DANTES-funded candidates made up 27% of CLEP examinees in 2017-18 (45,177)
- 2017-18=1.84 CLEP exams was the average number of exams taken by DANTES funded candidates

Veterans

- 1.1 million Veterans were enrolled in post-secondary education in 2011-12*
- Beginning August 1, 2018, the Forever GI Bill appropriately reimburses Veteran student for both exam and test center fees

Attachment 1

Modern States

Freshman Year for Free AP & CLEP Courses

- Free online, on demand courses in
 33 CLEP subjects and 13 AP subjects
- Taught by university professors
- CLEP voucher provided at course conclusion
- <u>www.modernstates.org</u>



Attachment 1

Why Common Policy Works

For students and Institutions

Student Benefits

- Students seek colleges that offer AP credit awards
- Allows students to move to the next course and be more engaged
- Recognizes and rewards extra efforts in high school

Institution Benefits

- Recruitment angle
- Enhances retention rates
- Students more likely to major in areas where credit was earned
- Students more likely to graduate

Artificial Barriers

Keep Student Success in Mind

Consider all aspects of policy and rules when creating a strong PLA policy. Avoid restrictions based on:

- Credit hour limits that are less than what is allowed by accrediting agency for external credits
- Limit restrictions based on majors v. non-majors
- Arbitrary deadlines
- Fees charged to post credit

Consider:

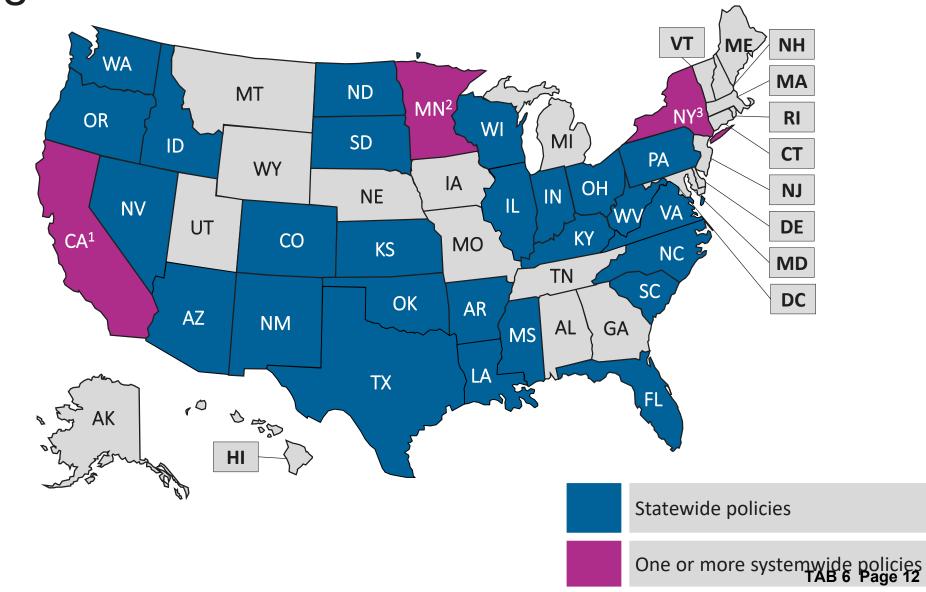
- Treating PLA options like transfer work
- Screening new students for CLEP potential
- Asking students if they sent AP scores
- Make your policy easy to find
- Always consider ways to make the policy successful for students

INSTRUCTION, RESEARCH, AND STUDENT AFFAIRS OCTOBER 18, 2018

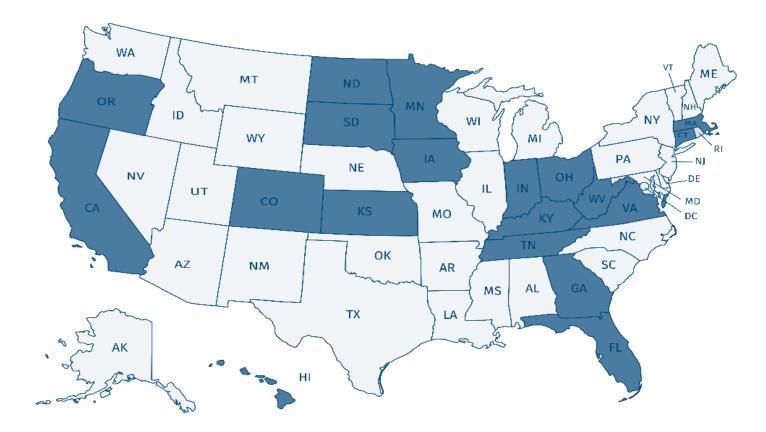
Attachment 1

AP Policies

CollRSAcard



CLEP Policies



State-specific new policies:

- Florida
- Colorado
- Pennsylvania
- Michigan

Exam Development

AP and CLEP

- Rely extensively on college faculty to determine the composition of the exams
 - Faculty committees lead the work for each subject
 - Extensive faculty surveys are utilized when decided to change exam content
 - 2-yr, 4-yr, public and private institutions
- All exams go through multi-step validation process
 - Items are relevant to purpose of the exam
 - · Items are fair and lead to a decision
 - Items are non-biased for all types of test takers
 - Items are rigorously field tested prior to going live
 - Developed by subject matter experts with requisite experience
 - Content is fair for the length of the exam
 - The exam does what it is supposed to do
 - Ongoing review of item and test performance
- Scoring is highly monitored
 - Scoring rubrics for all short and long response items are rigorously vetted and adhered to
 - Results of all items are reviewed to compare how different groups performed to see if items need adjustments

Research

AP and CLEP

The research shows students who score at least 3 on an AP exam or a 50 on a CLEP exam are more likely to:

- Be retained
- Do at least as well in the next course as students who took the prerequisite course on campus
- Persist to graduation
- Graduate on time
- Earn a higher GPA

Placement validity study service (free!)

Start designing your custom ACES study now.

Sign In

CLEP Placement Validity website:

https://aces.collegeboard.org/acesstudies/clep-placement-validity-study

AP Placement Validity website: https://aces.collegeboard.org/pdf/acesap-sample-report.pdf

Online automated validity study service

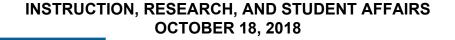
- Called Admitted Class Evaluation Service[™] (ACES [™])
- Lets institutions conduct free, customized validity studies
- Helps institutions examine their AP & CLEP credit and placement policies

Redesigned system launched in February 2018

- New approach
- Provides more relevant and useful information back to institutions
- Streamlined user interface and sign-on process
- New reports, analyses, and features

How it works

- Institutions upload data and create a customized validity study
- Minimum exams required to create a study is 15 (per subject)
- Study is confidential, and only institution sees results
- Ability to do a parallel group analysis



Attachment 1

Thank You.

Questions and Answers



TAB 6 Page 17

General Education Common Course Listing	Proposed AP Exam Equivalency (Board Policy Awards Credit for all AP Scores of 3 and Higher)	Proposed CLEP Exam w/ Score of 50 and Higher (50 Corresponds to Grade of "C")
Written Communications		
ENGL 101: Writing and Rhetoric I	English Language &	College Composition OR College
	Composition	Composition Modular
ENGL 102: Writing and Rhetoric II	English Language & Composition	College Composition OR College Composition Modular
Oral Communications		
COMM 101: Fundamentals of Oral		
Communication		
Mathematical Ways of Knowing		
MATH 123: Math in Modern Society		College Mathematics
MATH 130: Finite Mathematics		
MATH 143: College Algebra		College Algebra
MATH 147: College Algebra and		College Algebra
Trigonometry		
MATH 160: Survey of Calculus	Calculus AB	Calculus
MATH 170: Calculus I	Calculus AB	Calculus
MATH 153: Statistical Methods	Statistics	
Scientific Ways of Knowing		
ANTH 101: Biological Anthropology		
BIOL 100: Concepts of Biology	Biology	Biology
BIOL 227: Human Anatomy and		
Physiology I		
CHEM 100: Concepts of Chemistry		
CHEM 101: Introduction to Chemistry	Chemistry	
CHEM 102: Essentials of Organic and Biochemistry		
CHEM 111: General Chemistry I	Chemistry	Chemistry
PHYS 111: General Physics I	Physics I	,
PHYS 112: General Physics II	, Physics II	
GEOI 101: Physical Geology		
GEOL 102: Historical Geology		

Social and Behavioral Ways of Knowing		
ANTH 102: Cultural Anthropology		
ECON 201: Principles of		
Macroeconomics		
ECON 202: Principles of Microeconomics	Macroeconomics	Principles of Macroeconomics
HIST 101: World History I	Microeconomics	Principles of Microeconomics
HIST 102: World History II	World History	
HIST 111: United States History I	World History	
HIST 112: United States History II	US History	History of the US I
POLS 101: American National Government	US History	History of the US II
PSYC 101: Introduction to Psychology	US Government & Politics	American Government
SOC 101: Introduction to Sociology	Psychology	Introductory Psychology
SOC 102: Social Problems		Introductory Sociology
Humanistic and Artistic Ways of		
Knowing		
MUSI 100: Introduction to Music		
PHIL 101: Introduction to Philosophy	Music Theory	
PHIL 103: Introduction to Ethics		
ENGL 175: Literature and Ideas		
ART 100: Introduction to Art	English Literature	Analyzing and Interpreting
FDEN 101, Flomentary French I	and Composition	Literature
FREN 101: Elementary French I	Art History	French Language
FREN 102: Elementary French II	French Language and Culture	French Language
GERM 101: Elementary German I	French Language and Culture	French Language
GERM 102: Elementary German II	German Language and Culture	German Language
SPAN 101: Elementary Spanish I	German Language and Culture	German Language
SPAN 102: Elementary Spanish II	Spanish Language and Culture	Spanish Language
	Spanish Language and Culture	Spanish Language

Attachment 2

General Education Area (Non-Common Course Numbered)	Proposed AP Exam Equivalency (Board Policy Awards Credit for all AP Scores of 3 and Higher)	Proposed CLEP Exam w/ Score of 50 and Higher (50 Corresponds to Grade of "C")
Written Communications	(None)	(None)
Oral Communications	(None)	(None)
Mathematical Ways of Knowing	Calculus BC	Precalculus
Scientific Ways of Knowing	Computer Science A	Natural Sciences
<u> </u>	Computer Science Principles	
	Environmental Science	
	Physics B	
	Physics C: Electricity and Magnetism	
	Physics C: Magnetism	
Social and Behavioral Ways of	Comparative Government and Politics	Human Growth and Development
Knowing	European History	Introduction to Educational Psychology
	Human Geography	Social Sciences and History
		Western Civilization I: Ancient Near East to 1648
		Western Civilization II: 1648 to the Present
Humanistic and Artistic Ways of	Chinese Language and Culture	American Literature
Knowing	Italian Language and Culture	English Literature
	Japanese Language and Culture	Humanities
	Latin	
	Spanish Literature and Culture	
	Studio Art: 2-D Design Portfolio	
	Studio Art: 3-D Design Portfolio	
	Studio Art: Drawing Portfolio	