

## Lewis-Clark State College FY 2018 INFRASTRUCTURE REPORT SUMMARY

	Total \$	Detailed Allocations
<b>Library Support</b>	\$26,500	50 Events That Shaped American Indian History : An Encyclopedia of the American Mosaic Ebook \$189.00 Acland's DVD Atlas of Human Anatomy (6 DVD set) DVD \$314.98 African Americans at Risk: Issues in Education, Health, Community, and Justice Ebook \$207.90 American Women Speak: An Encyclopedia and Document Collection of Women's Oratory Ebook \$207.90 Analyzing Art, Culture, and Design in the Digital Age, 1st Edition Ebook \$203.50 Atlas of Human Anatomy Ebook \$337.46 Atlas of the Human Brain Ebook \$300.00 Central Intelligence Agency: An Encyclopedia of Covert Ops, Intelligence Gathering, and Spies Ebook \$207.90 Clothing and Fashion: American Fashion from Head to Toe Ebook \$456.50 Colour Atlas of Glacial Phenomena Ebook \$179.95 Communication Arts Backfile Paper \$792.00 Crime and Punishment in America: An Encyclopedia of Trends and Controversies in the Justice System, 1st Ed. Ebook \$207.90 Destruction of Memory DVD \$348.00 Encyclopedia of Mental Health, 2nd edition Ebook \$1,663.20 Gale Encyclopedia of Genetic Disorders, 4th Edition Ebook \$621.50 Gale Encyclopedia of Nutrition and Food Labels, 1st Edition Ebook \$291.50 Gale Encyclopedia of Pregnancy and Childbirth, 1st Edition Ebook \$544.50 Gender: Sources, Perspectives, and Methodologies, 1st Edition Ebook \$196.90 Great American Mosaic: An Exploration of Diversity in Primary Documents, 1st Edition Ebook \$456.50 Gut-Brain Axis, 1st Edition Ebook \$250.80 SAGE Encyclopedia of Cancer and Society, 2nd Edition Ebook \$680.90 SAGE Encyclopedia of Contemporary Early Childhood Education, 1st Edition Ebook \$721.60 Sage Encyclopedia of Economics & Society, 1st Edition Ebook \$894.30 SAGE Encyclopedia of Stem Cell Research, 2nd Edition Ebook \$721.60 Spanish Empire: A Historical Encyclopedia, 1st Edition Ebook \$217.80 Supreme Court Compendium, 6th Edition Ebook \$268.40 Tiller's Guide to Indian Country: Economic Profiles of American Indian Reservations Ebook \$150.00 Youth Cultures in America, 1st Edition Ebook \$55.00 Ebsco - Nature, online \$9,256.28 Ebsco - Cell, online \$4,688.21 Good Docs - Strong! Lift like a Girl, Streaming, incl. DVD \$486.00 New Days Films - The Year We Thought About Love, Streaming \$350.00 Tugg Inc. - , The Business of Amateurs, Digital Streaming \$300.00 YBP Library Services - Encyclopedia of Constitutional Amendments, E-book \$189.00 YBP - Handbook of Attachment: Theory, Research, and Clinical Applications, E-Books \$190.00
<b>Graduate Research Assistantships / Research Associates</b>	\$7,500	12th Annual Lewis-Clark State College Research Symposium
<b>Post-Doctoral Fellows</b>	\$0	
<b>Technician Support</b>	\$0	
<b>Maintenance Contracts</b>	\$0	
<b>Research Equipment</b>	\$24,053	Centrifuge repair, \$2,217; Metabolic measuring system (ParvoMedics), \$14,000; Dell PowerEdge R730xd server
<b>Competitively Awarded Summer Research Support</b>	\$9,000	Monitoring jaguar and the terrestrial wildlife in a tropical wildlife community in Costa Rica; Creating a resource for educator and professionals: Dr. Frederick Sports Leadership Series Podcasts; Increasing student success through a multi-dimensional systems approach; The effects of plyometric training on muscle activation characteristics in post-pubescent adolescent females
<b>Start-Up Funds for New Hires</b>	\$0	
<b>Incentives to Reward Faculty for Research Achievements</b>	\$5,138	Grant-writing incentive stipends: 11
<b>Other</b>	\$15,477	Qualtrics subscription; "Nature" article publication costs; AmeriCorps match; postage
<b>Total Allocation</b>	\$87,668	

	Detailed Allocations
<b>Publications in Refereed Journals</b>	<b>Empirical Detection of Induced DNA Mutations:</b> 1. Addo-Quaye, C., Tuinstra, M., Carraro, N., Weil, C., & Dilkes, B. P. (2018). Whole-Genome Sequence Accuracy Is Improved by Replication in a Population of Mutagenized Sorghum. G3: Genes, Genomes, Genetics, 8(3), 1079–1094. 2. Thapa, R., Carrero-Colón, M., Addo-Quaye, C., Held, J., Dilkes, B., & Hudson, K. A. (2018). New Alleles of FAD3A Lower the Linolenic Acid Content of Soybean Seeds. Crop Science, 58, 713–718.
<b>Presentations at Professional Meetings and Conferences</b>	<b>Monitoring jaguars:</b> Wildlife Society, Idaho Chapter meeting in Pocatello, Idaho March 2018. <b>Characterizing Blm-dependent DNA replication:</b> Jolee Aeschliman*, Joshua Mundell, Mallory McDermott, Shane Kinzer, Alyssa Copple, Nathan Anderson, Lindsey Riggs, Abbie Olson, Leigh Latta, Mia Levine, Eric Stoffregen. Idaho INBRE Statewide Research Conference, Moscow, ID, July 2018. Poster Presentation. Joshua Mundell*, Mallory McDermott, Shane Kinzer, Jolee Aeschliman*, Alyssa Copple*, Nathan Anderson*, Lindsey Riggs, Abbie Olson, Leigh Latta, Mia Levine, Eric Stoffregen. Naturally derived, Blm-dependent Y chromosome genetic variation affects sex-specific survival in Drosophila melanogaster. Drosophila Research Conference, Philadelphia, PA, April, 2018. Poster Presentation Joshua Mundell*, Shane Kinzer*, Mallory McDermott, Lindsey Riggs, Abbie Olson, Leigh Latta, Mia Levine, Eric Stoffregen. Y chromosome variation in Drosophila melanogaster impacts the function of Blm DNA helicase. Environmental Mutagenesis and Genomics Society Meeting, Raleigh, NC, September 2017. Poster Presentation. <b>Microbiology:</b> Kory Parker- Idaho Conference on Undergraduate Research poster presentation. <b>TRIO Student Support Services:</b> Influences on Rural Students' College Access and Completion: A Qualitative Study, Council for Education Opportunity national conference. <b>NSF S-STEM:</b> June 1, 2018. Erin Cassetto, LaChelle Rosenbaum, Heather Henson-Ramsey, and Elizabeth Martin presented "Work Works! Student Success Through a Co-Curricular Work-Based Learning Model" at the NASPA Closing the Achievement Gap: Student Success in Higher Education Conference in Columbus, OH.

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<b>Grants Received as a Result</b>	Amanda Gill, Idaho Community Foundation, Kids College - \$5,000; Charles Addo-Quaye, USDA - \$29,689; Victoria Boubel, Idaho Community Foundation, infant resuscitation manikins - \$4,925; Rebecca Fromdahl, Idaho Futures Fund, expand sample pool for data collection - \$15,000; Rebecca Fromdahl, AmeriCorps State grant, "The effects of one-on-one and small group tutoring on academic performance in rural north Idaho K-12" - \$236,975; Linda Stricklin, North Idaho College subaward: ICE Healthcare Partnership, Industry Sector; Idaho Department of Labor: Apprenticeship Idaho; Idaho Career and Technical Education, adult retraining - \$80,517.
<b>Grants Pending</b>	
<b>Student Participation</b>	INBRE Stoffregen - 7; INBRE Latta - 3; USDA Addo-Quaye - 2; Microbiology - 1; Jaguar Hay - 1; Plyometric training - 6; <b>Research Symposium: XXX</b>
<b>Faculty Participation</b>	<b>Research symposium (8 total):</b> Dr. Colin Fehr, Assistant Professor, Movement and Sports Sciences; Dr. Tracy Flynn, Professor, Nursing and Health Sciences; Dr. Nancy Johnston, Assistant Professor of Chemistry; Dr. Brett Morris, Instructor, Business Division; Sydney Parker, Assistant Professor, Nursing; Dr. Susan Steele, Assistant Professor, Movement and Sports Sciences; Dr. Kerensa Allison, Associate Professor, Anthropology; Dr. Rachelle Genthos, Assistant Professor of Psychology.   <b>Monitoring Jaguar (1 total):</b> Leslie Hay, Adjunct, Natural Science and Mathematics   <b>INBRE (2 total):</b> Dr. Eric Stoffregen, Assistant Professor of Biology; Dr. Leigh Latta, Assistant Professor of Natural Science and Mathematics   <b>USDA (1 total):</b> Dr. Charles Addo-Quaye, Assistant Professor of Computer Science   <b>NSF S-STEM:</b> Dr. Elizabeth Martin, Assistant Professor, Natural Science and Mathematics; Dr. LaChelle Rosenbaum, Assistant Professor/Division Chair, Social Work; Dr. Heather Henson-Ramsey, Associate Professor/Division Chair, Natural Science and Mathematics; Dr. John Morrison, Assistant Professor, Physics.   <b>Air quality:</b> Dr. Nancy Johnston, Assistant Professor, Chemistry   <b>Nursing:</b> Victoria Boubel, Instructor/Simulation Lab Coordinator
<b>Other Participation</b>	<b>USDA:</b> Sampurna Sattar, Portland State University (PI)   <b>Research Symposium:</b> Dr. Matthew Silvers, Whitworth University   <b>NSF S-STEM:</b> Erin Cassetto, LC Work Scholars; Julian Ankney, AmeriCorps VISTA   <b>AmeriCorps:</b> Rebecca Fromdahl, Director; Barbara Syska, Technical Records Specialist   <b>Kids College:</b> Amanda Gill, Development Coordinator   <b>Workforce Training:</b> Dr. Linda Stricklin, Director of Workforce Training.
<b>Patents Awarded</b>	
<b>Patents Pending</b>	