

Idaho Incubation Fund Program

Quarterly Progress Report Form

Proposal No. IF11-004 HERC award (Boise State Dept. ID 691A100035)
Name: Greg Hampikian
Name of Institution: Boise State University
Project Title: Biological Testing with MSM micropump
8/1/11 - 10/31/11

Information to be reported in your progress report is as follows:

1. Provide a summary of project goals/milestones for the period just completed, accomplishments for the period just completed, and plans and goals for the coming quarter: We have tested the MSM pump using several DNA fingerprinting kits, and begun biocompatibility studies of each of three metal components of the pump (Ni, Mg, Ga). We have also secured an MTA agreement with [REDACTED]'s lab-on-a-chip partner at the University of Virginia, and will begin collaborating with the goal of incorporating our pump in their micro forensic DNA testing chip.
2. Provide a summary of budget expenditures for the period just completed: Scientific personnel funded for Pump manufacture, DNA fingerprinting, and microscopy. Supplies for pump manufacture, DNA fingerprinting, and microscopy.
3. List patents, copyrights, plant variety protection certificates received or pending:
4. List invention disclosures, patent, copyright and PVP applications filed, technology licenses/options signed, start-up businesses created, and industry involvement:
2 Provisional Patents Filed:
A. Micropump and PCR Enhancement Method
B. An Apparatus for Multi-Axial Actuation
5. Include funding burn rate:

6. Any other pertinent information: Article prepared for submission regarding the pump, PCR enhancement, and successful use of DNA fingerprinting kit after DNA pumping.

Proposal No.	Dr. Greg Hampikian									
	MSM Micropumps									
	691A100035									
	BOISE STATE UNIVERSITY									
	State Board of Education									
	Year 2									
	Updates as of 1/01/2017									
	Chgd Budget	Rebudgets Done	Pending Rebudgets	Ending Budget	Expenses	Remaining Budget	Pending Expenses	Remaining Budget		
Salaries Irregular	5,710.06			5,710.06	(3,710.66)	1,999.40		1,999.40		999.40
Salaries Student	1,966.80	2,454.00		4,420.80	(4,036.80)	384.00		384.00		384.00
Fringe Benefits	5,477.50	(5,000.00)		477.50	(98.20)	379.30		379.30		379.30
Other Expenses	5,513.46	2,546.00		8,059.46	(2,683.15)	5,376.31	0.00	5,376.31		5,376.31
Travel	2,000.00			2,000.00	(1,301.19)	698.81	0.00	698.81		698.81
Capital				0.00		0.00		0.00		0.00
Total Direct Costs	20,667.82	0.00	0.00	20,667.82	(11,830.00)	8,837.82	0.00	8,837.82		8,837.82
Indirect Costs 41%				0.00		0.00		0.00		0.00
Total Cost	20,667.82	0.00	0.00	20,667.82	(11,830.00)	8,837.82	0.00	8,837.82		8,837.82
Salary Summary	Budgeted	Spent	Left							
Kari Ullakko	3,710.66	(3,710.66)	-							
Aaron Smith	6,420.00	(4,036.80)	2,383.20							
Totals	10,130.66	(7,747.46)	2,383.20							
Fringe Summary	Budget		Left							
Kari Ullakko	63.21	(63.21)	-							
Aaron Smith	200.00	(34.99)	165.01							
Totals	263.21	(98.20)	165.01							

Proposal No. Dr. Greg Hampikian MSM Micropumps 691A100035									
BOISE STATE UNIVERSITY State Board of Education									
Year 1 Updated as of 07/31/2014									
	Original Budget	Rebudgets Done	Pending Rebudgets	Ending Budget	Expenses	Cfwd Budget	Pending Expenses	Remaining Budget	
Salaries Irregular	25,691.00	2,000.00		27,691.00	(21,980.94)	5,710.06		5,710.06	
Salaries Student	4,000.00			4,000.00	(4,033.20)	(33.20)		(33.20)	
Fringe Benefits	7,691.00	(2,000.00)		5,691.00	(213.50)	5,477.50		5,477.50	
Other Expenses	10,018.00	(2,000.00)		8,018.00	(2,504.54)	5,513.46		5,513.46	
Travel	2,000.00			2,000.00		2,000.00	0.00	2,000.00	
Capital				0.00		0.00		0.00	
Total Direct Costs	49,400.00	(2,000.00)	0.00	47,400.00	(28,732.18)	18,667.82	0.00	18,667.82	
Indirect Costs 41%				0.00		0.00		0.00	
Total Cost	49,400.00	(2,000.00)	0.00	47,400.00	(28,732.18)	18,667.82	0.00	18,667.82	
Salary Summary	Budgeted	Spent	Left						
Kari Ullakko	25,691.60	(21,980.94)	3,710.66						
Aaron Smith	2,876.40	(4,033.20)	(1,156.80)						
Totals	28,568.00	(26,014.14)	2,553.86						
Fringe Summary	Budget		Left						
Kari Ullakko	185.00	(185.00)	-						
Aaron Smith	28.50	(28.50)	-						
Totals	213.50	(213.50)	-						

		October				November			
Type	Amount Budgeted	Total Paid To Date	Prior EAF Amounts	Total Amount Paid To Date	PPE 9/17	PPE 10/07	PPE 10/15	PPE 10/29	PPE 11/12
Aaron Smith		448.80	3,588.00	4,036.80		330.60	118.20		
112045890		1.98	33.01	34.99		1.46	0.52		

Number	December	January	February	March	April
PPE-11/20	PPE-12/10	PPE-1/07	PPE-2/04	PPE-3/04	PPE-04/01

Date	Account	Amount	Vendor	Description	Person	Trans Type	Travel #
OE Expense							
05/26/11	562800	369.97	Allied High Tech Produ	Engineering Supplies	Hampikian, Greg	P-Card	April 2011
05/26/11	564800	138.90	The Home Depot 1806	Engineering Supplies	Hampikian, Greg	P-Card	April 2011
05/26/11	564800	299.49	Thriftway Building	Engineering Supplies	Hampikian, Greg	P-Card	April 2011
05/26/11	574100	974.75	KJM	Magnets	Sierra	P-Card	April 2011
05/26/11	574100	186.70	K&J Magnetics Inc	Magnets	Hampikian, Greg	P-Card	April 2011
06/15/11	564800	35.11	Victor	Shank Diamond	Hampikian, Greg	P-Card	May 2011
06/15/11	564800	29.97	Home Depot	Computer Supplies	Hampikian, Greg	P-Card	May 2011
06/15/11	564800	13.99	Horizon Hobby	Plastic screws	Hampikian, Greg	P-Card	May 2011
06/15/11	564800	280.66	Ellsworthin	Silicone Adhesive	Hampikian, Greg	P-Card	May 2011
06/23/11	522000	175.00	Perfection Machine & Tool Comp			P-Card	May 2011
		Year 1 Total	2,504.54				

10/26/11	553000	41.03	Institute Physics Polish Acad	Freight			
07/26/11	574100	24.59	Laser Jump Start	PUMP GLASS	Hampikian, Greg	P-Card	June 2011
07/26/11	574100	60.00	Emovendo Magnets	magnets	Hampikian, Greg	P-Card	June 2011
08/01/11	574100	100.00	Custom Tooling Services				
09/26/11	574100	537.60					
09/26/11	574100	66.95	Coors Ceramics Company	tubes	Hampikian, Greg	P-Card	Aug 2011
09/26/11	574100	676.00	American Elements	Nickel Metal Pellets	Hampikian, Greg	P-Card	Aug 2011
09/26/11	574100	766.48	Espi	METALS	Gee, Elizabeth	P-Card	Sept 2011
10/26/11	574600	410.50	Institute Physics Polish Acad	Lab Chemicals	Hampikian, Greg	P-Card	Sept 2011

Year 2 Total 2,683.15

Pending OE	
	2683.15
	-24.59
	-60
	2598.56

Travel					
08/08/11	538100	1,048.20	Airfare	Lockheed Mtg., Charlot Hampikian, Greg	E-12594
08/08/11	539700	143.19	Lodging	Lockheed Mtg., Charlot Hampikian, Greg	E-12594
08/08/11	539700	86.80	Per Diem	Lockheed Mtg., Charlot Hampikian, Greg	E-12594

08/08/11 539900 23.00 Parking [REDACTED] Mtg., Charlot Hampikian, Greg E-12594

1,301.19

Pending Travel

Capital

Pending Capital



IDAHO STATE BOARD OF EDUCATION

650 W. State Street P.O. Box 83720 Boise, ID 83720-0037
208/334-2270 FAX 208/334-2632
e-mail: board@osbe.idaho.gov
www.boardofed.idaho.gov

February 15, 2011

Dr. Greg Hampikian
Boise State University
1910 University Dr.
Boise, ID 83725-1155

FUNDING AUTHORIZATION

Dear Dr. Hampikian:

Boise State University, Department of Biological Sciences is authorized to expend up to \$49,382 toward expenses of the project entitled "Biological Testing with MSM Micropumps". The following information applies to these funds.

Amount of Grant:	\$49,382
Project Title:	Biological Testing with MSM Micropumps
Grant Number:	IF11-004
Authorized Uses for the Funds:	Project expenditures as outlined in the budget of the approved proposal.
Fiscal Period in which funds will be expended:	March 1, 2011 – June 30, 2012 (5)
Distribution of Funds:	All funds for this grant will be distributed in one lump sum in FY2011. The institution is responsible for accounting for the funds and insuring that the money is spent on the project according to the grant guidelines.
Institutional Contact:	Karen Henry
Progress (Financial Burn Rate) Report Due to OSBE:	June 1, 2011 September 1, 2011 December 1, 2011 March 1, 2012
Final (End-of-Project) Report Due to OSBE:	June 15, 2012

The grants and contracts officer or the designated research officer at your institution is responsible for monitoring and assisting with the administrative management of the projects and ensuring that progress and final reports are submitted by the due dates given.

The State Board of Education and this office forward their congratulations and wish granted the best with their projects. If you have any questions, please contact Patty Sanchez at (208)552-1562 or patty.sanchez@osbe.idaho.gov.

Sincerely,


Mike Bush
Executive Director

cc: Marty Schimpf, Treasurer
Stacy Pearson, Financial VP



Evelyn Redshaw <evelynredshaw@boisestate.edu>

HERC grant reporting schedule

Mary Givens <marygivens@boisestate.edu> Wed, Mar 16, 2011 at 10:40 AM
 To: Greg Hampikian <GREGHAMPKIAN@boisestate.edu>, Kari Ulakko <kariulakko@boisestate.edu>, Peter Mullner <PeterMullner@boisestate.edu>
 Cc: Evelyn Redshaw <evelynredshaw@boisestate.edu>, Lyn Moore <lynmoore@boisestate.edu>, Karen Henry <khenny@boisestate.edu>

Greg, Kari and Peter,

Here is the reporting schedule we spoke of yesterday.

- For the period 3/01-4/30/11 report due to OTT 5/15/11 report due to SBOE 06/01/11
- For the period 5/01-7/31/11 report due to OTT 8/15/11 report due to SBOE 09/01/11
- For the period 8/01-10/31/11 report due to OTT 11/15/11 report due to SBOE 12/01/11
- For the period 11/01-1/31/12 report due to OTT 2/15/12 report due to SBOE 03/01/12
- For the period 2/01-5/31/12 report due to OTT 6/15/12 report due to SBOE 07/15/12

Mary Givens
 Director
 Office of Technology Transfer
 Division of Research

Boise State University
 1910 University Drive
 Boise, ID 83725-1135
marygivens@boisestate.edu
 (208) 426-5729 direct

HERC Budget						
Budget Categories	%	Mths	Yr 1		Annual	per FP
			Feb 18-June 30, 2011	Total Costs		
Salaries						
Dr. Greg Hampikian						
Dr. Karl Ulakko - 2/3 time Feb 18-May 17 (6.3 pp)	0.15	1.25	14,613.10	14,613.10	90012	3492
Dr. Karl Ulakko - full time May 18-June 30 (3.2 pp)	0.12	1.43	11,078.40	11,078.40	90012	3492
Undergraduate Research Assistant (AY & summer)			4,000.00	4,000.00		
Total Salaries			29,691.50	29,691.50		
Fringe Benefits						
		%				
Dr. Karl Ulakko - 2/3 time Feb 18-May 17 (6.3 pp)		0.29	4,237.80	4,237.80		
Dr. Karl Ulakko - full time May 18-June 30 (3.2 pp)		0.23	3,212.74	3,212.74		
Undergraduate Research Assistant (AY & summer)		0.06	240.00	240.00		
Total Fringe			7,690.54	7,690.54		
O&E						
Materials and Equipment < \$5,000			5,000.00	5,000.00		
Fabrication services			2,000.00	2,000.00		
Characterization			3,000.00	3,000.00		
Total O&E			10,000.00	10,000.00		
Travel						
Meeting vendors of fabrication services			2,000.00	2,000.00		
			0.00	0.00		
Total Travel			2,000.00	2,000.00		
Student Costs						
Graduate Student Fee Remission			0.00	0.00		
Total Student Costs			0.00	0.00		
Capital						
			0.00	0.00		
Total Capital			0.00	0.00		
Total Direct Costs			49,382.04	49,382.04		
Base for Indirect Calculation			49,382.04	49,382.04		
Indirect Costs (F&A) Not Allowed (State Appropriation)			0.00	0.00		
Total Costs			49,382.04	49,382.04		



Evelyn Redshaw <evelynredshaw@boisestate.edu>

Biological Testing with MSM Micropumps

Lyn Moore <lynmoore@boisestate.edu>

Fri, Mar 25, 2011 at 10:10 AM

To: Greg Hampikian <GREGHAMPKIAN@boisestate.edu>, "Redshaw, Evelyn" <EvelynRedshaw@boisestate.edu>, "Henry, Karen" <KHENRY@boisestate.edu>, Mary Givens <marygivens@boisestate.edu>, Lyn Moore <lynmoore@boisestate.edu>

Good Morning,

I was notified by Patty Sanchez at the State Board of Education that the HERC awards are rounded to the nearest 100. Therefore the total amount of the above award, (Grant Number IF11-004) is \$48,400.00. Patty said it's up to us how we allocate the additional \$18.00.

Thank you,
Lyn

—
Lyn Moore
Programs/Operations Coordinator
Office of Technology Transfer
Boise State University
1910 University Drive
Boise, ID 83725-1139
208.426.5727
208.426.2155 (Fax)
lynmoore@boisestate.edu
<http://www.boisestate.edu/research/tech/>

Boise State University Budget Office
Request for Budget Transfer
 To be used for Budgeted Funds only

Fiscal Year: FY11	Budget Office Use Only	
Today's Date: 05/12/11	Database: _____	Date: _____

Directions: Budget transfers can be FROM any one department ID and one or more account numbers TO one or more department IDs and account numbers. Indicate below what department ID and account(s) to transfer budget FROM and what department ID(s) and account(s) to transfer that budget TO. Call the Budget Office (426-1275) with questions.

Reason for Transfer:
 Transfer funds from OE to irregular salary line to fund additional help on the SBOE MSM Micropumps project.

This Transfer is: Permanent One Time

FROM:

DeptID	Account Code	Amount
691A100335	600000	\$ 2,000.00
"FROM" TOTAL:		\$ 2,000.00

TO:

DeptID	Account Code	Amount
691A100335	411000	\$ 2,000.00
"TO" TOTAL:		\$ 2,000.00

Net difference of "From" and "To" lines (should be zero): \$ _____

Requested by: Greg Hampton 5/12/11
Date

Approved by: Evelyn Redshaw 5/12/11
Date

Approved _____ Date _____

Disapproved Budget Office Signature _____ Date _____

Your Name: Evelyn Redshaw Mail Stop: 1503

Your Department: College of Arts & Sciences Dean's Office Phone: 6-2031

Please return a copy of this completed form after the entry is posted - Thank You!
 Return completed form to the Budget Office: Mail Stop 1232 or Fax to 426-6255

