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.
<table>
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<tr>
<th>Proposal No.</th>
<th>Dr. Greg Hampikian</th>
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<td>MSM Micropumps</td>
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<tr>
<td></td>
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<td>State Board of Education</td>
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<tr>
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**Travel**

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February 15, 2011

Dr. Greg Hampikian
Boise State University
1910 University Dr.
Boise, ID 83725-1115

Dear Dr. Hampikian:

Boise State University, Department of Biological Sciences is authorized to expend up to $49,383 toward expenses of the project entitled "Biological Testing with MSM Microplates". The following information applies to these funds.

Amount of Grant: $49,383

Project Title: Biological Testing with MSM Microplates

Grant Number: 1F11-004

Authorized Basis for the Funds: Project expenditures as outlined in the budget of the approved proposal

Fiscal Period in which funds will be expended:


Distribution of Funds:

All funds for this grant will be dispersed in one lump sum in FY2011. The institution is responsible for accounting for the funds and ensuring that the money is spent on the project according to the grant guidelines.

Institutional Contact:

Karen Henry
June 1, 2011

Progress (Financial Status) Report Due to OSBE:

June 1, 2011

September 1, 2011

December 1, 2011

March 1, 2012

June 15, 2012

Final (End-of-Project) Report Due to OSBE:

The grants and contracts office at the designated research office at your institution is responsible for monitoring and verifying that the administrative management of the project 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) 334-1262 or patsanchez@boisestate.edu.

Sincerely,

Mike Rash
Executive Director

cc: Marty Sabinos, Provost
Jason Peterson, Financial VP
Greg, Rini and Peter,

Here is the reporting schedule we spoke of yesterday:

- For the period 3/01-4/2011 report due to OTT 5/15/11 report due to SBOE 6/8/11
- For the period 5/01-7/31/11 report due to OTT 8/15/11 report due to SBOE 9/8/11
- For the period 9/01-10/31/11 report due to OTT 11/15/11 report due to SBOE 12/8/11
- For the period 11/01-1/31/12 report due to OTT 2/15/12 report due to SBOE 3/8/12
- For the period 2/01-4/20/12 report due to OTT 5/15/12 report due to SBOE 6/8/12

Mary Givens
Director
Office of Technology, Transfer
Division of Research
Boise State University
1910 University Drive
Boise, ID 83725-1185
mgivens@boisestate.edu
(208) 426-4728 direct

https://mail.google.com/a/boisestate.edu/u=2&l=682bf11375&view=pt&search=inbox&smg=12eb05ab3... 2/16/2011
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Biological Testing with MSM Micropumps

Lyn Moore <lynmoore@boisestate.edu>  Fri, Mar 25, 2011 at 10:19 AM
To: Greg Hampikian <greghampikian@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 10k. Therefore the total amount of the above award, (Grant Number IF11-004) is $49,400.00. Patty said it's up to us how we allocate the additional $18,00.

Thank you,
Lyn

--
Lyn Moore
Program Operations Coordinator
Office of Technology Transfer
Boise State University
1910 University Drive
Boise, ID 83728-1139
208.426.5727
208.426.2125 (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
Today's Date: 05/12/11

Directions: Budget transfers can be from 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 and account(s) to transfer budget to. Call the Budget Office (208-322-4208) 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 [X]

FROM:

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<th>Dept ID</th>
<th>Account Code</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>991A100039</td>
<td>500000</td>
<td>$2,099.00</td>
</tr>
</tbody>
</table>

"FROM" TOTAL: $ 2,099.00

TO:

<table>
<thead>
<tr>
<th>Dept ID</th>
<th>Account Code</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>991A100035</td>
<td>411000</td>
<td>$2,099.00</td>
</tr>
</tbody>
</table>

"TO" TOTAL: $ 2,099.00

Not difference of "From" and "To" lines (should be zero): $ 0

Requested by: Greg Harprikian

Approved by: Evelyn Roden

Your Name: Evelyn Roden
Your Dept: College of Arts & Sciences Dean's Office
Phone: 8-2031

Please return a copy of this completed form after the entry is posted - Thank you!
Student Person is 286-8598

Fiscal Year: 2011
Today's Date: March 7, 2011

**Request for Budget Transfer**
To be used for Appropriated Funds only

Transfer funds from the regular salary line to the irregular salary line. Karl Ullidzek who is being paid from this account is a temporary employee paid from irregular salaries.

**FROM:**
<table>
<thead>
<tr>
<th>BIA 100036</th>
<th>410000</th>
<th>25,091.00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TO:**
<table>
<thead>
<tr>
<th>BIA 100036</th>
<th>410000</th>
<th>25,091.00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FROM** TOTAL: 25,091.00

**TO** TOTAL: 25,091.00

The "FROM" and "TO" TOTALS must be equal.

Required by:

Approved by: Budget Office

Approved:

Date: 3/01/11

Copy

RECEIVED
MAR 11, 2011
BUDGET OFFICE
### Kari Ullakko Pay Schedule

- **.6666 % Effort or .67 FTE (because you are already being paid .3333 FTE during these dates)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Hours</th>
<th>Rate</th>
<th>Total</th>
<th>Pay Periods</th>
<th>Per Pay</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 7 To</td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>May 14th</td>
<td>264</td>
<td>55.15</td>
<td>14,559.60</td>
<td></td>
<td>2,911.92</td>
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<tr>
<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>May 16 To</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>June 17th</td>
<td>200</td>
<td>55.66</td>
<td>11,132.00</td>
<td></td>
<td>3,710.67</td>
</tr>
</tbody>
</table>

- **Total To Be Paid**: 25,691.60
- **Total Available**: 25,691.60

- **Until Oct 30th**
  - Salary: 29,685.36
  - Fringe: 2,671.68
  - Total Needed: 32,357.04
  - Per Pay: 3,710.67

- **Until Nov 27th**
  - Salary: 37,106.70
  - Fringe: 3,339.60
  - Total Needed: 40,446.30
<table>
<thead>
<tr>
<th>ID</th>
<th>Proj/Grp</th>
<th>Account</th>
<th>Account Description</th>
<th>Empl ID</th>
<th>Name-PCN-PayType</th>
<th>Amount</th>
<th>Actuals</th>
<th>JE</th>
<th>Jmi Date</th>
<th>Pay End Date</th>
<th>1st Pay</th>
<th>2nd Pay</th>
<th>3rd Pay</th>
<th>4th Pay</th>
</tr>
</thead>
<tbody>
<tr>
<td>691A100035</td>
<td>NOPJ</td>
<td>411500</td>
<td>Employees - Temporary</td>
<td>113075812</td>
<td>Ullakko, Karl M:9701:ANH</td>
<td>14,558.60</td>
<td>(2,911.92)</td>
<td>HR439836</td>
<td>2011-04-15</td>
<td>04/02/11 - Pay End Date</td>
<td>1st Pay</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>691A100036</td>
<td>NOPJ</td>
<td>411500</td>
<td>Employees - Temporary</td>
<td>113075812</td>
<td>Ullakko, Karl M:9701:ANH</td>
<td>(2,911.92)</td>
<td>(2,911.92)</td>
<td>2011-04-29</td>
<td>04/10/11 - Pay End Date</td>
<td>2nd Pay</td>
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<td></td>
<td></td>
<td>(2,911.92)</td>
<td>(2,911.92)</td>
<td>04/30/11 - Pay End Date</td>
<td>3rd Pay</td>
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<td></td>
<td></td>
<td>(2,911.92)</td>
<td>(2,911.92)</td>
<td>05/14/11 - Pay End Date</td>
<td>4th Pay</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Amount not paid by May 15th: $2,911.92