

Idaho Incubation Fund Program

Final Report Form

Proposal No. IF13-004
Name: Jon Van Gerpen
Name of Institution: University of Idaho
Project Title: Ultrafast Fermentation

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

1. Provide a summary of overall project accomplishments to include goals/milestones met, any barriers encountered, and how the barriers were overcome: **All of the milestones of the project have been met. The original proposal indicated that we would fabricate a prototype device to make large quantities of biocatalyst beads and a second device to dry these beads. Both of these devices were fabricated and tested. The devices were found to function well. No barriers were encountered although some improvements to the devices were recommended as a result of the testing.**
2. Describe the current state of the technology and related product/service: The technology is now ready for commercialization. **We were able to conduct some field testing of the product during the course of this project and that went very well. Initial sales will occur shortly, if not having happened already.**
3. List the number of faculty and student participants as a result of funding: **Faculty = (1), Jon Van Gerpen; Students = (2), Tushar Jain and Qian Xie.**
4. What are the potential economic benefits: **This project facilitated the formation of a small company, Ruckus Fermentation, LLC. Initially, this company will only have 3 employees but could expand to a much larger size. The company is located in Boise.**
5. Description future plans for project continuation or expansion: **The company is in the final stages of receiving venture capital funding along with an experienced CEO. We do not expect to need any continuation funding.**

6. Please provide a final expenditure report (attached) and include any comments here: **Report is attached. Note that expenditures exceeded the budget by \$6,749. This overage was transferred to another source of funds and not charged to the Incubation Fund Program.**

7. List invention disclosures, patent, copyright and PVP applications filed, technology licenses/options signed, start-up businesses created, and industry involvement: **One patent filed on bead technology. One start-up business created. Boise Angel Fund involved with funding and provision of experienced CEO.**

8. Any other pertinent information:

FINAL EXPENDITURE REPORT

A. FACULTY AND STAFF		
Name/Title	\$ Amount Requested	Actual \$ Spent
Jon Van Gerpen	1353	1353
B. VISITING PROFESSORS		
Name/Title	\$ Amount Requested	Actual \$ Spent
C. POST DOCTORAL ASSOCIATES/OTHER PROFESSIONALS		
Name/Title	\$ Amount Requested	Actual \$ Spent
Tushar Jain	22,000	38,002
D. GRADUATE/UNDERGRADUATE STUDENTS		
Name/Title	\$ Amount Requested	Actual \$ Spent
E. FRINGE BENEFITS		
Rate of Fringe (%)	\$ Amount Requested	Actual \$ Spent
Van Gerpen (29.85%)	404	404
Jain (41.0%)	9020	6186
PERSONNEL SUBTOTAL:		
F. EQUIPMENT: (List each item with a cost in excess of \$1000)		
Item/Description	\$ Amount Requested	Actual \$ Spent
1. Equipment and supplies	12,400	4579
2.		
3.		
4.		
EQUIPMENT SUBTOTAL:		
G. TRAVEL		
Description	\$ Amount Requested	Actual \$ Spent
1. Field testing of bead maker	0	1402
2.		
3		
TRAVEL SUBTOTAL:		1402

H. PARTICIPANT SUPPORT COSTS:			
Description		\$ Amount Requested	Actual \$ Spent
1.			
2.			
3.			
PARTICIPANT SUPPORT COSTS SUBTOTAL:			
I. OTHER DIRECT COSTS:			
Description		\$ Amount Requested	Actual \$ Spent
1.			
2.			
3.			
OTHER DIRECT COSTS SUBTOTAL:			
TOTAL COSTS (Add Subtotals):		45177	51926
TOTAL AMOUNT REQUESTED:			45177
TOTAL AMOUNT SPENT:			51926