

Idaho Incubation Fund Program

Progress Report Form

Proposal No. IF13-007
Name: Trevor Lujan
Name of Institution: Boise State University
Project Title: A Computational Method to Advance the Clinical Care of Bone Fractures

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: The first milestone for the project is to automate callus measurement by the novel software package. This requires part-time work from an undergraduate in engineering. This past summer, an outstanding mechanical engineering undergraduate was hired, Evan Rust (GPA: 4.0). This Fall, Evan took a programming course on Matlab, and now has the necessary programming training to begin work on the first aim (see item 2). In October, Dr. Lujan began discussions with Dr. William Lack, at the University of Iowa, to receive radiographs that will be used for the publication described in Milestone 2. In November, a research abstract that uses the technology being developed in this grant, was accepted as a podium presentation for the 2013 Orthopedic Research Society Annual Meeting (Dr. Lujan is a co-author on this manuscript).

2. Provide a summary of budget expenditures for the period just completed: The hired undergraduate, Evan Rust, began using grant funding Nov. 26th. The disbursement of these Incubation funds will not yet be reflected in the project's budget expenditures at the time of this progress report.

3. List patents, copyrights, plant variety protection certificates received or pending: None at this time (see item 6)

4. List invention disclosures, patent, copyright and PVP applications filed, technology licenses/options signed, start-up businesses created, and industry involvement: None at this time (see item 6)

5. Include funding burn rate: NA

6. Any other pertinent information: The start of this project was unexpectedly delayed. What follows is a brief explanation.

The PI, Dr. Lujan, developed the concept for this grant at his former employer, Legacy Research Institute. At the time of the HERC award, Dr. Lujan was involved in contract negotiations for a Legacy project unrelated to the HERC grant. The Office of University and Industry Ventures at Boise State University recommended that Dr. Lujan wait until this negotiation was finished before clearing any potential IP issues that may arise when completing the HERC grant (please note: all disclosures for the HERC project were submitted at the time of the May application). The unrelated negotiation with Legacy has now ended, and work on the HERC project has commenced, and is scheduled to finish by June 15th.