

OAo Announces New Ignition Grant Program

The purpose of this award is to provide funding as a means to bring an idea, invention, or innovation to an initial demonstrable stage so as to position it for additional commercial development. \$150,000 was available to be awarded this year, divided into three awards of approximately \$50,000 each.

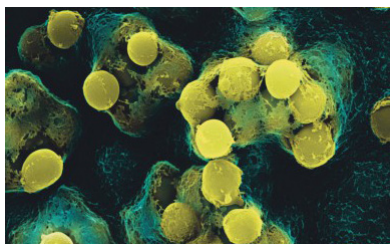
Abstracts of the winning proposals are posted on the OAo website at <http://www.whoi.edu/main/technology-transfer>. The awardees in the first round clearly described possible application areas where they believed their inventions could have the greatest impact:



A High Resolution Interferometric Pressure Gauge for Deep-Sea Measurements

Raymond Schmitt, Jason Kapit, and Norm Farr

Besides uses in the marine environment for sea-level rise and ocean surface height measurements, opportunities for industrial commercialization exist where highly stable, extreme sensitive pressure sensors are required, such as in medical, HVAC, automotive, and aerospace applications.



Mining Microbes for Novel Therapeutics to Combat Multidrug Resistance in Bacteria

Tracey Mincer and Kristin Whalen

In addition to learning more about how bacteria fend for themselves in the marine ecosystem, applications include new approaches to battling bacterial drug-resistance that is causing difficult-to-treat infections in humans.



Optimization of Continuous Culture Protocols for Protozoa to Detect Toxins in Drinking Water: The Final Requirement for Commercialization

Scott Gallager, Matthew Johnson, and John Waterbury

Applications include detecting toxins in water at levels required by EPA regulations for drinking water supplies, for military use to test water supplies in the field, and testing of waste streams subject to regulated biological testing to ensure continuous compliance and avoid industry downtime.

Stay tuned for future Ignition Grant Calls for Proposals.

Next Seminar: Marine mammals in a renewable age: developing tools for real-time detection of marine marine mammals



Wednesday Feb 20th 2013 at 2:00pm in the MRF conference room

The next seminar will be presented (in conjunction with the WHOI Marine Mammal Center) by Dr. Douglas Mundie from St. Andrews University and Dom Tollit from PAMBuoy. The seminar will discuss the PAMBuoy system, used for real time tracking and analysis of marine mammal activity.