



# INNOVATIVE NEWS YOU CAN USE

## PROOF OF CONCEPT TECHNOLOGY COMMERCIALIZATION AWARD PROGRAM LAUNCHES AT PENN STATE HERSCHEY

The Office of Technology Development is pleased to announce the Proof of Concept Technology Commercialization Award Program. The Technology Commercialization Fund provides funding of up to \$50,000 to enable Penn State Hershey investigators to further develop a commercializable technology based upon Penn State Hershey intellectual property.

The purpose of the fund is to provide financial support, exclusively in the form of grants, for researchers to achieve proof of concept for their translational research.

In order to qualify, the technology must meet the following funding criteria:

- An invention disclosure must have been previously submitted to the Office of Technology Development and Penn State University must own, and have clear rights to commercialize the intellectual property.
- The intellectual property and prospective technology or service must address a need in the marketplace and have a competitive advantage over existing technologies.
- The proposed work is directed to commercial-type technology development or testing. It is not for the creation of new inventions or basic research. It is to obtain a proof of concept that an invention meets a market need.

Preference will be given to projects that can be completed within twelve months or to projects that have matching funds from an outside company. For example, a company will provide funding to Penn State, matched by the Technology Commercialization Award Program in exchange for an option to the technology.

Proposal criteria can be found at:

<http://www.pennstatehershey.org/web/technologydevelopment/technology-commercialization-fund>

Applications are reviewed on a rolling basis. For more information on this program, funding criteria and the application process please visit: [med.psu.edu/technologydevelopment](http://med.psu.edu/technologydevelopment) or contact the Office of Technology Development at 717.531.8496



## REGISTRATION IS OPEN FOR TECHCELERATOR 4 WEEK BOOT CAMP

visit: <http://techcelerator4week.eventbrite.com/>

Wednesdays beginning February 20  
3:00 - 5:00 p.m.

### UPCOMING EVENTS

Date	Event	Time	Location
2.20.13	Techcelerator 4 Week Boot Camp	3:00 - 5:00 PM	HCAR 1101
2.21.13	Technology Development Series	4:00 - 5:30 PM	C3860
2.26.13	Entrepreneur's Roundtable	12:00 - 1:00 PM	C4702
3.12.13	Faculty Entrepreneur Club	12:00 - 1:00 PM	C4702
3.20.13	Innovation Cafe	8:00 - 9:30 AM	University Conference Center

## **PENN STATE HERSHEY FINDS COMMERCIAL SUCCESS WITH KERAFAST PARTNERSHIP**

It has been six months since Dr. Kimball's laboratory listed a rare antibody used to measure protein synthesis on Kerafast's e-commerce catalog. Within a month, orders for the antibody began coming in. The antibody is now being shipped three to four times a week to universities and research institutions worldwide. Thanks to Penn State Hershey's partnership with Kerafast, Dr. Kimball is able to share the unique antibody to assist researchers around the world with their experiments.

About a year ago, Dr. Kimball attended a program offered by the Office of Technology Development featuring Kerafast, an e-commerce provider for cutting edge research tools for life science laboratories. Kerafast offers a portfolio of innovative research products not available elsewhere, including unique bio-reagents, rare materials, compounds, labels and probes. The materials may be in limited supply but exactly what a particular experiment may need.

Dr. Kimball, in collaboration with Drs. Leonard Jefferson and Charles Lang and Research Associate, Rick Horetsky in the Department of Cellular and Molecular Physiology were able to create a monoclonal antibody that can be used to assess the incorporation of puromycin into growing peptide chains to measure protein synthesis. The antibody is gaining traction and in high demand due to its rare nature. Similar antibodies contain radioactive material and can be hazardous to the individual handling the substance. Dr. Kimball's lab was able to create a safer version of the antibody and now able to share this discovery with other researchers.

Working with Kerafast has been very successful for Dr. Kimball's laboratory. Through its' agreement with Penn State, Kerafast makes the process of shipping materials easy by providing the investigator's lab with all the materials and supplies required. The company also offers the option of housing and shipping the material directly. Dr. Kimball's laboratory was managing the shipments of the antibodies until recently when orders steadily increased. At that point, Dr. Kimball's laboratory contacted Kerafast to adjust their shipping process. "To date, the relationship has been seamless" said Dr. Kimball.

"It's easy to work with Kerafast" he added; noting the company's ability to engage the investigator. Kerafast is in communication with Dr. Kimball's laboratory at least once a week to ensure expectations are met. The flexibility and ownership involved in selling the materials is unique to Kerafast. Working with Kerafast is an opportunity to gain worldwide exposure and further research that in turn will benefit society.

For more information on Kerafast please contact the Office of Technology Development at [technologydevelopment@hmc.psu.edu](mailto:technologydevelopment@hmc.psu.edu) or 717.531.8496.

## **ENTREPRENEUR'S ROUNDTABLE PROVIDES STUDENTS AND POST-DOCS THE OPPORTUNITY TO LEARN FROM LOCAL ENTREPRENEURS**

Learn more about the process of starting a company and becoming an entrepreneur. Join us on February 26 from 12:00 - 1:00 p.m. in C4702 during the Entrepreneur's Roundtable.

The Entrepreneur's Roundtable is an informal, bi-monthly lunchtime program designed for students and post-docs to learn about the realities of starting a company from a local entrepreneur.

This month, local entrepreneur Edward Paukovits, Jr. will join us to discuss his path down company formation. Edward is the founder of Assistive Technology Products, Inc. (ATP). Assistive Technologies creates computer hardware, software and assistive technology training for individuals with disabilities.

Prior to starting ATP, Edward spent 19 years in various engineering and management positions including automation and aerospace at AMP, Inc. He then went on to become a founder, Director and Treasurer of the Technology Council of Central Pennsylvania. Edward later served as the President and Chairman of Synergistech, Inc. Synergistech, Inc was later acquired by Unilife Medical Solutions Company and renamed Integrated Biosciences, Inc. Unilife is a global developer and manufacturer of medical devices.

RSVP at <http://entrepreneursroundtable1.eventbrite.com/>



### MEET THE TEAM: JILL WAGNER

Jill began her employment with Penn State College of Medicine in 1991 and joined the Office of Technology Development (OTD) in 2000. Jill's responsibilities include conducting the initial review of technology disclosures and working directly with faculty to prepare, negotiate and execute material transfer agreements, confidentiality agreements and data use agreements.

Jill works closely with the Office of Research Affairs, Grants Administration and Clinical Contracting to ensure consistency of agreements as they relate to intellectual property. She serves as a resource for faculty and research staff.

Do you have a question for Jill?

Contact her today at [jwagner3@hmc.psu.edu](mailto:jwagner3@hmc.psu.edu)

### TECHNOLOGY DEVELOPMENT SERIES CONTINUES WITH DISCUSSION OF INVENTION DISCLOSURES

Last month, faculty and staff gathered to learn more about intellectual property at Penn State Hershey during the first session in the Technology Development Educational Series. Please join us on February 21 from 4:00 - 5:30 p.m. in C3860 as we continue the series with a discussion on invention disclosures.

The program will review the importance of protecting intellectual property and the related services provided by the Office of Technology Development. The program will also cover how to file an invention disclosure and the process of evaluating the technology for commercial potential.

If you are unable to attend the program at Penn State Hershey, it will also be available as a live broadcast and can be viewed from the comfort of your computer. Please reserve your spot today! RSVP at <http://techdev2.eventbrite.com/>

### ARE YOU LOOKING TO CONNECT WITH OTHER FACULTY ENTREPRENEURS OR ARE YOU AN ASPIRING ENTREPRENEUR?

Don't miss the next **Faculty Entrepreneur Club**  
scheduled for **Tuesday, March 12 in C4702**

Join us for an informal conversation with Penn State Hershey faculty entrepreneurs and aspiring entrepreneurs as a way to exchange ideas and collaborate on future initiatives.

Boxed lunch is provided. Space is limited.

RSVP at <http://facultyentrepreneurclub1.eventbrite.com/>

PENNSTATE HERSHEY



Technology Development

#### CONNECT WITH US

[Tech\\_Dev\\_Events@hmc.psu.edu](mailto:Tech_Dev_Events@hmc.psu.edu)

717.531.8496

[med.psu.edu/technologydevelopment](http://med.psu.edu/technologydevelopment)

HERSHEY CENTER FOR  
APPLIED RESEARCH



The Hershey Center  
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is proud to support the  
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Development.