

## About TTBD

## For Inventors

## Available Technologies

## Startups

### NEWS

There are several new and exciting developments in the Office of Technology Transfer & Business Development. Two new companies have been launched in the past two months based on research conducted at OHSU. One company will be developing a class of compounds for methamphetamine cessation, addressing a huge public health need. The second company will be developing a drug candidate that is entering clinical trials for the treatment of X-linked adrenoleukodystrophy (X-ALD).

Additionally Tim Stout, the Vice President of TTBD, has recently left OHSU and accepted a position at the Baylor College of Medicine in Houston. In his new position, he will be serving as the Chair of Ophthalmology. Stout said it was a tough decision and “a tough time to leave OHSU.” Though he will be missed at TTBD, we wish him the best of luck in his new endeavors. Read the full article on Tim Stout’s departure in the Portland Business Journal [here](#).



### EVENTS

#### Oregon Bioscience Association

**“Ending Cancer as We Know It: The OHSU Knight Cancer Institute’s billion-dollar plan and what it means for the bioscience community in Oregon”**

**Wednesday, January 29, 2014**

4:00 - 6:00 PM

Schwabe, Williamson & Wyatt office on 1211 SW 5th Ave.

#### TTBD Brown Bag Presentation

**“Invention Evaluation by TTBD: What happens after I submit an Intellectual Property Disclosure form?”**

**Thursday, February 6, 2014**

12:00 - 1:00 PM

Mackenzie Hall 2201, Marquam Hill Campus

#### Healthy Aging Alliance

**“Harnessing Science and Communities for Healthy Brain Aging”**

**Monday, February 10, 2014**

1:00 - 4:30 PM

Vey Auditorium, Marquam Hill Campus

#### ***ReelDX advances medical education bringing video learning to health professionals***

ReelDX, a recent OHSU startup company, launched a series of video cases covering over 250 topics to help educate current and future medical professionals. These videos offer a concentrated experience, helping professionals hone their diagnostic and patient care abilities. Read the Business Wire article [here](#) and the KATU News article [here](#).

#### ***News Release: OHSU, Portland State University, and Portland Development Commission partner on grants to startups***

Six local startup companies have received grants of up to \$30,000 through a pilot program to promote technology commercialization. The grants are sponsored by the Portland Development Commission in partnership with OHSU and PSU. Read the full press release [here](#).

### BUSINESS DEVELOPMENT RESEARCH CONSORTIA

As part of its efforts to catalyze interaction among researchers working on biomedical problems and identify emerging research and clinical areas, the Business Development group worked in partnership with OHSU faculty to develop four interdisciplinary research consortia. These groups are focused on the areas of Diabetes & Obesity (Diabetes Research Consortium), Aging (Healthy Aging Alliance), Pain (Pain Awareness and Investigation Network) and Rare Diseases (Rare Disorders Research Consortium). The broader goals of the consortia are to bring together basic and clinical researchers to share expertise, promote awareness of current challenges, bridge gaps between basic and clinical research and capitalize on the shared expertise to increase federal and industry partnerships and receive funding.

### SECOND ANNUAL STARTUP SYMPOSIUM

TTBD held its Second Annual OHSU Startup Symposium “Building Bridges: Biotech Investing and the Investment Community” on October 10th, 2013 in the Auditorium and Vey Conference Center. It was an incredible success with over 100 attendees that included OHSU entrepreneurs, faculty and students, a broad range of organizations and community business experts. Panel discussion sessions were led by business professionals exploring ways to build, fund and find company partners for startups. Featured keynote speakers included David LaVance, Chairman of the Board of Hologic, Inc., and Craig Muir of Third Rock Ventures. OHSU innovators interested in starting their own company are encouraged to contact TTBD early to discuss developing and commercializing intellectual property through a startup company.

# TTBD EDUCATION: THE PATENT EVALUATION PROCESS

Patentability of inventions is assessed according to the requirements for patents established by the US Congress and the US Patent and Trademark office as well as patent offices in other countries. For an invention to receive a patent, the invention must be: (a) patentable subject matter (b) novel/new, (c) useful, (d) inventive (not an obvious derivative of a known invention), and (e) described in sufficient detail to (i) enable someone else to make and use the invention and (ii) show that the inventor is in possession of the invention. Of particular importance are novelty and inventiveness/obviousness.

Whether or not an invention is new and inventive is determined by a prior art search. A prior art search involves searching databases of patents and publications made public prior to the filing date of the patent application for references that could be used in a novelty or obviousness rejection by the patent office. For a novelty rejection, a single reference describes every element of the invention. For an obviousness rejection, multiple references may be combined to provide a description of the invention. At OHSU, prior art searches are performed by or under the supervision of a Patent Associate within TTBD. After the search, the scope of potential patent claims is communicated to the Technology Development Manager in TTBD who uses the information to help determine whether or not to file or continue prosecution of a patent application.

## UNITED STATES LEGISLATION UPDATE

On December 5, 2013 the U.S. House of Representatives passed H.R. 3309, "The Innovation Act." The proponents of this bill intend to target and minimize abusive patent litigation, often referred to as the "patent troll" problem. Many groups within higher education including the ACE, AAMC, AAU, APLU, AUTM and COGR, as well as groups such as the Biotechnology Industry Organization, the National Small Business Association and others have expressed serious concern and opposition to the bill in its current state. The bill is now in the U.S. Senate, so stay tuned for more developments.

H.R. 2981, "The TRANSFER Act of 2013" was introduced in the U.S. House of Representatives in 2013. This bill would allow federal agencies to award grants for:

- Early stage proof-of-concept funding for translational research
- Identification of research and technologies at institutions that have the potential for accelerated commercialization
- Activities such as prototype construction, experiment analysis, product comparison, and collection of performance data
- Technical validations, market research, clarifying intellectual property rights position and strategy, and investigating commercial and business opportunities
- Programs to provide advice, mentoring, entrepreneurial education, project management, and technology and business development expertise to innovators and recipients of technology transfer licenses to maximize commercialization potential

## NEW STAFF MEMBERS AND PROMOTIONS

### **Daphne Emerson, MPA, Business Startup Coordinator**

Daphne received her Master's of Public Administration in Public and Nonprofit Management and Policy from New York University. Over the last two years, Daphne worked as a senior program manager for the Office of Mayor Michael Bloomberg in New York City's Department of Small Business Services. Daphne currently manages the day-to-day operations of company formation and related activities for OHSU startups.

### **Yolanda Frost, MS, Finance Administrator**

Yolanda received her Bachelor of Arts in Spanish and French Studies from the University of Portland and her Master's degree in Multinational Commerce from Boston University. Yolanda worked as a Financial Advisor and as an Assistant Director at Boston University and as a General Ledger Specialist at the University of Portland before coming to OHSU. Yolanda was the Accounting Specialist in TTBD but was recently promoted to Finance Administrator. Yolanda oversees all finance and accounting for the department.

### **Trina Voss, Technology Development Manager**

Trina received her Bachelor of Science degrees in Zoology and Biology, with minors in German Language and Computer Information systems from Humboldt State University. Prior to joining OHSU, Trina was at the USC Stevens Institute for Innovation at the University of Southern California as a licensing specialist. Trina has been an Agreements Officer in TTBD for the past 3 years. She was recently promoted to a Technology Development Manager.

