ANNOUNCEMENTS

We are hiring!

Collaborations and Entrepreneurship (C&E) at OHSU is hiring an Alliance Manager, New Ventures. Two positions are now posted — Alliance Manager or Senior Alliance Manager; we will select the ideal candidate from applicants to the two postings.

The Alliance Manager will maximize the value of existing OHSU technologies and innovations to encourage, support and help create startup companies. The person in this role will work closely with OHSU faculty, the Technology Development Managers (TDMs), Oregon Clinical Translational Research Institute (OCTRI) and other key internal and external stakeholders to lead entrepreneurial efforts at OHSU.
Innovation events during OHSU Research Week, May 3-6

OHSU Research Week is an annual university-wide event that celebrates research performed by students, faculty, postdocs and staff across all schools, centers, institute and education programs.

A number of innovation and commercialization focused events will be taking place on Thursday, May 6 during OHSU Research Week. These include a keynote address from Dr. Michelle McMurry-Heath, president and CEO of the Biotechnology Innovation Organization, an industry-academic partnership panel, the OHSU Innovation Showcase and the OHSU Startup Company Showcase. More information can be found at Research Week.

Invent-a-thon Post-Hack includes three OHSU colleagues. Come cheer them on, April 21!

Four dozen teams, each with an idea of how to address one of four big
needs in healthcare, were born at the OHSU Invent-a-thon last October.

Six months later, after a competitive application process, the eight most investment-ready teams return to the virtual stage to share their vision with the world and compete for $40,000 in follow-on funding and additional support. They represent four continents, nearly a dozen states, and a wide variety of academic, medical and private-sector institutions.

Register today for this virtual event, which takes place on Wednesday, April 21, 3–6 p.m. You’ll see 10-minute pitches of innovative ideas ranging from Alzheimer’s to asthma, trial participation to better prosthetic fit. Three of your OHSU colleagues are represented on these teams, and we know they’d appreciate you cheering them on!

- **Rocket Sockets**: Dynamically fitting lower-limb prosthetics
  - *Featuring Greg Landry, M.D., Department of Surgery*

- **CommuNutri**: Dietitian-led meal plans and food delivery for diabetics
  - *Featuring Samuel Tassi Yunga, M.D., Ph.D., CEDAR*

- **Doc Talk**: Easier communication with providers via Alexa voice notes
  - *Featuring Jonathan Sachs, Ph.D., DMICE*

- **Aligned Therapeutics**: Early Alzheimer’s detection with a blood test

- **DiaCare**: Bluetooth-connected insole to detect peripheral neuropathy

- **Dolphin Health**: Home-based monitoring of asthma

- **Phase Zero**: Matching clinical trials with eager participants
OBI's next mentoring cohort begins in July

Mentor and mentee applications are open until April 30 for this structured, six-month mentoring program sponsored by Oregon Bioscience Incubator.

Would You Like to be a Mentor?

If you have experience working with startups in the bioscience or digital health industry, consider applying to become a mentor. Benefits of mentoring include:

- Free mentor training.
- Exclusive access to handpicked startups.
- Exclusive network of mentors.
- Ability to earn mentor certification.
- Giving back to your community.
- Eligibility to be highlighted in the OBI newsletter.
Growing Your Business? Become a Mentee!

We are looking for entrepreneurs who are already in business but would like guidance, accountability and support from a mentor to help set and reach business goals. Benefits and time commitments for mentees include:

- Mentoring helps you grow your business! A recent survey from Kabbage found that 92% of businesses who have a mentor say mentoring has directly impacted their business growth and survival.
- Mentee meets with mentor 2 hours a month for 6 months.
- Mentee checks in with OBI once per month and completes a survey at the end of the program.

IN THE NEWS

AI technology licensed to Boston AI Labs correctly diagnoses vision-threatening condition in babies in India

An artificial intelligence technology co-developed by researchers at OHSU and Massachusetts General Hospital and licensed to Boston AI Labs was recently shown to successfully diagnose a blindness-causing condition in premature babies in India.
The hope is that the technology will be used by ophthalmologists and neonatologists worldwide to better diagnose and treat retinopathy of prematurity, a leading cause of blindness in children. The system was also granted breakthrough status by the FDA in 2020. Breakthrough status could accelerate its development and potential FDA approval for use in patient care.

Drug being developed by OHSU startup Aronora aims to prevent blood clots without boosting the risk of bleeding

Conventional anti-clotting drugs have a big downside: increased risk of internal bleeding. An entirely new class of antithrombotic drugs developed at OHSU and its spin-off biopharmaceutical company, Aronora, aims to eliminate bleeding complications. A Phase 2 clinical study has begun aiming to address a critical unmet need for therapies that prevent clotting on catheters.
OHSU researchers unlock the secrets of a novel vaccine platform

About two decades after first devising a new kind of vaccine, OHSU researchers are unlocking why it’s a promising candidate to stop HIV in people. Creators of the cytomegalovirus, or CMV, vaccine platform now describe the unusual biological mechanisms through which the vaccine platform works. These findings have helped fine-tune VIR-1111, the CMV-based experimental vaccine against HIV that was developed at OHSU and is now being evaluated in a Phase 1 clinical trial. The trial is being conducted by Vir Biotechnology, which licensed the CMV vaccine platform technology from OHSU.

OHSU startup company awarded fast-track SBIR grant

Inherent Targeting, an OHSU startup company, was recently awarded a fast-track Small Business Innovation Research grant from the National Cancer Institute to develop nerve-specific fluorophores for human use to enhance the identification and preservation of nerves with broad clinical impact for all surgical subspecialties. Completion of the proposed aims in the grant will establish pre-clinical testing of these promising nerve
highlighting agents towards first-in-human trials and provide a strong foundation for industry partnerships and investment for clinical translation.

OHSU scientists earn $1.5 million to accelerate innovation, collaboration

OHSU has named two visionary researchers, with expertise in tissue engineering and mechanotransduction, to receive $750K each in research funding through the university’s Faculty Excellence and Innovation Awards program. Luiz Eduardo Bertassoni, D.D.S., Ph.D., and Swetha Murthy, Ph.D., are the 2021 recipients of the award, made possible by the Silver Family Innovation Fund.

OHSU startup poised to submit an application to the FDA

NeuraMedica, an OHSU startup co-founded by Rachel Dreilinger and Neil Roundy, M.D., in 2014, is poised to submit an application to the U.S. Food and Drug Administration for its NeuraMedica Dural Clip. Read more.
Consortium for Technology and Innovation in Pediatrics Grant Opportunity

OHSU, as a member of the Consortium for Technology and Innovation in Pediatrics (CTIP), is happy to announce that Letters of Intent are now being accepted for CTIP's annual Catalyzing Pediatric Innovation Grant. Letters of Intent are due by May 1 and instructions on the program can be found on CTIP's website.

TECHNOLOGIES AVAILABLE FOR LICENSING

OHSU #1917 - Ultrasound Needle Guide

OHSU #2700 – A Strong Mini-Promoter for AAV

OHSU #2944 – Small molecule modulators of PTP sigma for nerve regeneration

OHSU #2533 – Adaptive Exercise-Enabled Model-Predictive-Control Artificial Pancreas Control Algorithm

OHSU #2330 – Fluorescence microscope for high resolution imaging and single-molecule tracking

NEWLY LICENSED OR OPTIONED OHSU TECHNOLOGIES

OHSU #0843 - Mutated ABL Kinase Domains, Inventor: Brian Druker
OHSU #1343 and #2074 - Visual Field Modeling and Analysis, Inventors: Travis Smith & Richard Weleber

OHSU #1771 - Materials from the BioLibrary

**U.S. PATENTS ISSUED**

**Patent # 10,941,403** - MicroRNA inhibitors as anti-cancer therapeutics

**Patent # 10,939,861** - Dried blood spot collection device

**RESEARCHERS IN NEW INDUSTRY-FUNDED RESEARCH PROJECTS**

**Summer Gibbs, Ph.D.** - Clinical translation of near infrared nerve-specific fluorophores for nerve-sparing prostatectomy

**Sushil Kumar, Ph.D.** - Reprogramming the tumor microenvironment for cancer therapy

**Babak Nazer, M.D.** - Myocardial and cerebral evaluation of left ventricular pulsed field ablation

**Martha Neuringer, Ph.D.** - Hypoimmunogenic RPE transplantation into NHPs

**Brandon Wilder, Ph.D.** - Malaria studies

**FEATURED EVENTS**
Badass Women Entrepreneurs

VertueLab and Women in Science PDX host the annual event, April 29, noon, spotlighting badass women with badass science startups. The event convenes movers and shakers, highlighting different businesses, science backgrounds and non-traditional funding and support expertise. We'll dive into their journeys, career paths, challenges, triumphs, and the resources they couldn't do without. All are welcome.

Register.

SBIR/STTR Insights with NIH Program Directors

The Federal Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs are a critical source of non-dilutive
financing for early-stage companies. NCI SBIR program directors Monique Pond and Jonathan Franca-Koh will cover eligibility, resources, investor initiatives and meet 1:1 with pre-selected companies.

- May 25, 10-11:30 a.m. seminar; 11:30 a.m.-3 p.m. 1:1 meetings.
- Register by May 7 to be considered for a 1:1 meeting.

This event is a collaboration between the National Cancer Institute, Oregon Bioscience Incubator, OHSU’s Cancer Early Detection Advanced Research center and Oregon Clinical and Translational Research Institute.

UPCOMING EVENTS

APR. 12-16
University Industry Development Partnership (UIDP) Virtual 2021
*OHSU has obtained a university-wide registration for this event. If interested in attending, please contact Andrew Watson.*

APR. 22
Oregon Bioscience Incubator
Virtual Lunch and Learn: Structuring Companies: Raising capital, forming a board

MAY 5
Portland Clinical Research Professional Conference

MAY 21
TechFestNW 2021 + Angel Oregon Tech

Questions? Contact us at techmgmt@ohsu.edu.

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