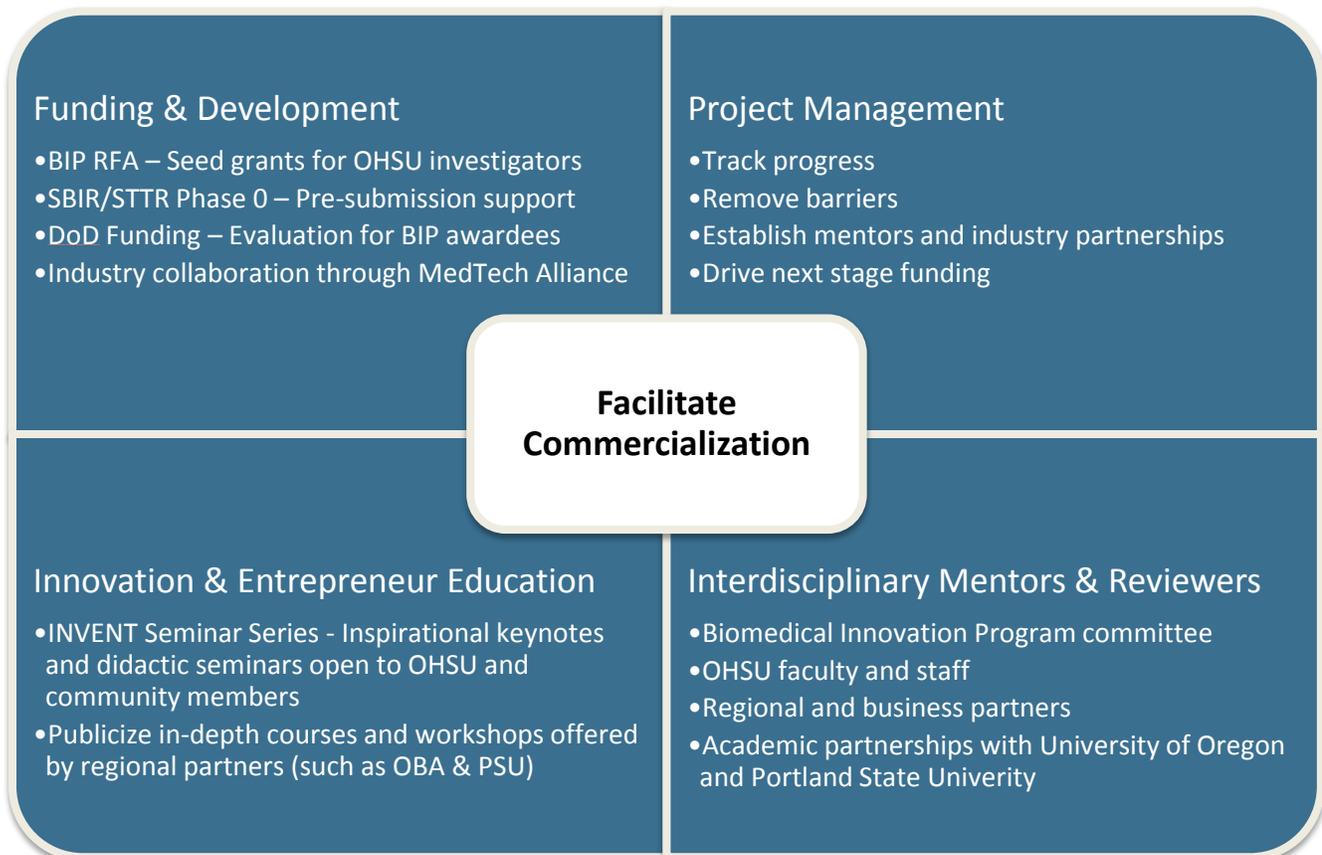


Biomedical Innovation Program Objectives

The Biomedical Innovation Program (BIP) seeks to foster the development of devices and diagnostics that provide solutions to important healthcare problems. The BIP funds promising commercial biomedical projects, provides diligent project management, an extensive mentor and reviewer pool, and facilitates education programs for innovators in varying stages of research.

In addition to receiving significant investment and support from OHSU, the BIP has also developed an important alliance with the Oregon Translational Research and Development Institute (OTRADI). OTRADI leadership and funding are instrumental to the continuing growth and development of BIP. Furthermore, the BIP maintains a partnership with OHSU’s Office of Technology Transfer & Business Development (TTBD), which supports licensing and sponsored-research efforts of BIP Awardees.

Central Goal: Improve patient care and accelerate the delivery of healthcare technology from academia to the marketplace.



Funding and Project Development Programs

BIP Grants – This early stage funding mechanism is geared toward innovative, clinically useful projects that foster collaborative translational research and lead to technology commercialization in 3-5 years.

SBIR/STTR Phase 0 Program – With funding support from Business Oregon, the SBIR/STTR Phase 0 Program is designed to facilitate successful SBIR/STTR applications. Senior OHSU researchers and community members with SBIR/STTR program experience are paid to provide awardees with pre-submission critiques of their Phase 1 proposals. Awardees may also receive up to \$1,725 for approved grant preparation expenses.

Department of Defense Funding – The BIP has partnered with Tier 7 to identify biomedical technologies that improve healthcare for active duty personnel, veterans, and their families. For selected projects, Tier 7 will facilitate the development of cooperative R&D agreements (CRADAs) between DoD/Federal laboratories, biomedical companies, academia, and non-profit institutions. Tier 7 also employs an extensive DoD/Federal network to identify non-dilutive funding for these public-private collaborations.

OHSU's MedTech Alliance – The MedTech Alliance links potential investors and industry collaborators with OHSU inventors to develop and commercialize OHSU medical technologies. Annual meetings, quarterly email updates, and a web portal showcase and promote early awareness of OHSU technologies and startup companies. TTBD founded the MedTech Alliance with support from the BIP.

Project Management

Project management is a critical component of project success. The BIP Project Manager works closely with investigators to track progress, break down barriers, establish mentors and industry partnerships, and drive the next stage of funding.

Education

INVENT Winter Seminar Series – The BIP, along with the Division of Management and OTRADI, is offering an educational program on bioscience innovation and entrepreneurship. Keynote presentations and weekly seminars will provide information on translating and commercializing health and life science discoveries. INVENT is free, and medical students, grad students, post-doc fellows, faculty, and members of the bioscience community are all encouraged to attend.

In-Depth Courses and Workshops – BIP informs OHSU faculty and students of educational programs offered by local organizations and institutions, such as Portland State University, the Oregon Bioscience Association, Technology Association of Oregon, and many others.

Interdisciplinary Mentors and Reviewers

The BIP Committee – This scientific review committee evaluates proposals, makes recommendations on funding priorities, and monitors progress toward project execution. The committee includes university faculty and physicians, as well as individuals with business development, venture capital, and technology transfer expertise.

Community and Business Partners – The BIP works with an extensive network of external consultants and experts to connect OHSU researchers with mentors. The TTBD Startup Advisory Group and the BioMentoring Program at OTRADI are two outstanding examples of these types of resources.

Academic Partnerships – Portland State University and the University of Oregon have programs which pair interdisciplinary teams of students with community partners to gain real world experience while assisting with various aspects of business planning. The BIP project manager works closely with these program administrators to select compelling projects and is the point of contact for the student teams.