Welcome to our first newsletter of FY18! FY17 was another year of growth and expansion for UNHInnovation. Licensing revenues continue to rise annually and we are working hard to create new opportunities for university/industry collaboration, including leading the charge in investigating the possibility of building a research park right here at UNH.

Read on to learn more about some of the recent activity from each of our five units: Intellectual Asset Management, Strategic Partnerships, the Peter T. Paul Entrepreneurship Center, the Connectivity Research Center, and the InterOperability Lab.

UNHI has a lot of exciting projects and events planned for FY18 as we continue managing and promoting UNH's innovative research outputs and increasing university collaborations with the business community.

Cheers!

Marc Sedam
Associate Vice Provost of Innovation and New Ventures
In this Issue:

Creating a Community of Innovation at UNH

The Connectivity Research Center Launches New Website

Aliens at UNH - Licensing the Betty and Barney Hill Collection

Inaugural i2 Passport Program a Huge Success

How Now Wildcats Project - Using the Makerspace as a Learning Tool

Calf Growth Assessment Method Developed at UNH

UNH Industry Event - Marine Innovation Day

UNH-IOL Official Testing Lab for the Broadband Forum Gfast Certification

New Patent Wall Celebrates UNH’s Innovative History

ECenter's Deshpande Pre-Conference - A Focus on FirstGen

Creating a Community of Innovation at UNH

UNH contributes $1.5 billion annually to New Hampshire’s economy and is the largest source of knowledge workers for our state. In an effort to increase public/private partnerships and opportunities for the UNH community, UNH is considering the impact a research park in Durham would have on accelerating economic development.

In late September, UNHInnovation hosted two forum discussions on the power of research
parks, titled “Creating Communities of Innovation,” in collaboration with the Association of University Research Parks (AURP). Each of the two forums was tailored for a different group: one to key stakeholders in the UNH community and one to members of the business community and NH government.

... Read the full story

The Connectivity Research Center Launches New Website

The Connectivity Research Center (Connectivity) is excited to share that they’ve recently launched a new website. The new site allows the center to communicate more effectively about its work and increase its visibility in the Internet of Things (IoT) and sensor industries.

Connectivity is a multi-disciplinary research center focused on network engineering, cyber security, and collateral technology areas. The focus of the center is to investigate next generation communication systems to enable a more connected world through partnerships with industry, academia, and federal agencies.

... Read the full story

Aliens at UNH - Licensing the Betty and Barney Hill Collection
The University of New Hampshire (UNH) is home to many unique and unexpected things that the institution has collected over its 150-year history. However, there are probably none quite as unexpected as the university’s collection of authentic UFO-related artifacts from Betty and Barney Hill, the now famous couple who made the first widely-reported UFO abduction report in the United States. This past July, UNHInnovation licensed various pieces from the Betty and Barney Hill collection to be reproduced and displayed on the TBS television show *People of Earth*.

Read the full story

In May, 2017, the Peter T. Paul Entrepreneurship Center (ECenter) wrapped up the inaugural session of its innovative i2 Passport Program (short for Ideas and Innovation Passport Program.) The program is designed to encourage all UNH undergraduate
students to engage and participate in activities and events in the areas of ideas, innovation, and entrepreneurship from all over campus. The most engaged students are rewarded with money to help pay off student loans or tuition. During the program, participating students are awarded “Visa Stamp Credits” for each identified activity or event they participate in. The student with the most Visa Stamp Credits at the end of the program wins the top prize, and all students who reach a minimum level of Visa Stamp Credits are entered into a drawing to receive additional prizes. All participants receive a certificate of “Idea, Innovation, and Entrepreneurial Fundamentals” so they can promote their co-curricular education on their resume.

Read the full story

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**How Now Wildcats Project - Using the Makerspace as a Learning Tool**

Through a VentureWell faculty grant received in 2016, UNHInnovation was offering a limited number of $500 sub-awards for materials and supplies that allowed faculty from across the university to integrate the Peter T. Paul Entrepreneurship Center (ECenter) Makerspace into their course programming.

This spring, UNH Lecturer Molly Campbell and Professor Dennis Britton applied for and received one of the faculty sub-awards and designed a collaborative project for their classes; English 502: Professional and Technical Writing and English 657: Shakespeare, respectively. They were inspired by COLA Dean Heidi Bostic’s request that faculty capitalize on the excitement surrounding the rebuilding of Hamilton-Smith Hall, which is home to the English Department.

Read the full story
Calf Growth Assessment Method Develops at UNH

In an excellent example of interdisciplinary collaboration, researchers from the UNH College of Life Sciences and Agriculture (COLSA) and the University Instrumentation Center (UIC) recently teamed up to develop and evaluate a new, patent-pending method for analyzing calf body composition via Nuclear Magnetic Resonance Spectroscopy (NMR). Patricia Wilkinson, Analytical Instrumentation Scientist in the UIC and Pete Erickson, Professor and Extension Dairy Specialist in the UNH Department of Agriculture, Nutrition, and Food Systems and Colleen Chapman, former graduate student spearheaded the project.

Read the full story

UNH Industry Event - Marine Innovation Day
On July 27, 2017, UNH hosted a Marine Innovation Day in Durham, NH. The free event was one of UNH’s bi-annual industry Sandpits that promote innovation and industry/university collaboration by providing companies in various industries with direct access to UNH researchers working in the same field.

Marine Innovation Day was designed to help companies and researchers identify and develop potential projects and partnerships, solve business challenges, and accelerate scientific innovation in marine-related research and technology.

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Read the full story

UNH-IOL Official Testing Lab for the Broadband Forum Gfast Certification

The University of New Hampshire InterOperability Laboratory (UNH-IOL) is the official testing laboratory for the Broadband Forum Gfast Certification. Gfast is a broadband
access technology that deploys faster bandwidth speeds by extending fiber to existing copper wiring infrastructure. The UNH-IOL’s Gfast Certification program was announced earlier this summer with the listing of the first seven certified products.

Read the full story

New Patent Wall Celebrates UNH's Innovative History

The UNHInnovation wing of Madbury Commons has a stylish new feature – a wall of plaques celebrating the University of New Hampshire’s issued U.S. patents.

Obtaining a patent gives the holder the legal right to exclude others from making, using, selling, offering to sell, and importing the patented invention, which protects their work and can help to leverage it. In order for a patent to be granted, the invention needs to be novel, useful, and non-obvious. To be classified as novel, the invention has to be different from anything else considered public knowledge. To be considered useful, the invention must serve a practical purpose. And to be non-obvious, the invention must not be easily discerned by an expert person in that particular field. Due to these qualifications, obtaining a patent can be difficult and we are excited to honor the successful innovators with this new patent wall.

Read the full story

ECenter's Deshpande Pre-Conference - A Focus on FirstGen

In June of this year, the Peter T. Paul Entrepreneurship Center hosted a free FirstGen pre-conference event before the start of the annual Deshpande Symposium at UMass Lowell. The Deshpande Symposium is a gathering of like-minded practitioners with a focus on accelerating innovation and entrepreneurship across the university and college environment. The pre-conference was free and open to all universities who share an interest in and passion for the engagement of first-generation college students (FirstGen) in entrepreneurial activities.

Read the full story

UNHI/NHIRC Comings and Goings (July 1 - September 30)

UNHI Attended Conferences and Events

I-Corps Site Meeting at MIT
July 13, 2017
Attendee: Marc Sedam

CoRE Kickoff Event
July 18, 2017
Attendee: Maria Emanuel

Biotech/MedTech Sub Group 3 Committee Meeting: Freedom, Energy, Logistics
New Hampshire High Tech Council
July 31, 2017
**Attendee**: Ellen Christo

2017 Summer Seed Grant Final Presentations
August 7, 2017
**Attendees**: Maria Emanuel, Matt Simon, Chris Harris

NACRO Conference
Seattle, WA
August 8-11, 2017
**Attendee**: Ellen Christo

AUTM Essentials
Dallas, TX
September 9-13, 2017
**Attendee**: Matt Simon

CEO Breakfast, Center for Family Businesses (PAUL)
Huddleston
September 14, 2017
**Attendee**: Ellen Christo

Corporate Engagement Monthly Meeting
September 21, 2017
**Attendees**: Chris Harris, Maria Emmanuel

Hubbard Family Award for Service to Philanthropy Dinner Celebration: Peter Paul
Granite State Room
September 21, 2017
**Attendees**: Ian Grant Marc Sedam

AURP Seminar
September 26, 2017
**Attendee**: Maria Emanuel

**UNHI Committee Participation**

NHIRC Oversight Committee Review Meeting
July 17, 2017
**Marc Sedam, Ellen Christo**

Live Free and Start Capital Access Subcommittee Meeting
July 19, 2017
Marc Sedam

AUTM Board Meeting
July 28, 2017
Marc Sedam

Live Free and Start Advisory Council Meeting
August 8, 2017
Marc Sedam

IEP Core Implementation Committee
Ongoing
Maria Emanuel

Seacoast School of Technology - Biotechnology Advisory Committee
Ongoing
Maria Emanuel

Financial Conflict of Interest Disclosure Review Committee
Ongoing
Maria Emanuel

Customer Journey Working Group
Ongoing
Maria Emanuel

UNH Corporate Ambassadors Committee
Ongoing
Ellen Christo
Geri Denton
Maria Emanuel
Chris Harris
Matt Simon

Corporate Advisory Group
Ongoing
Ellen Christo
Marc Sedam

Network of Academic Corporate Relations Officers (NACRO) Benchmarking Committee/Gold Standards Committee
UNHI Presentations

Presentation to Senator Reagan, Concord
7/18/17
Presenter: Marc Sedam
Presentation: Presentation on UNH's Business Partnerships and NHIRC

UNHI Sponsored Seminars and Events

Event: UNH Marine Innovation Day
September 27, 2017
Presenters: UNH Innovation / Marine School

Event: University Research Park Forums
September 25-26, 2017
Presenter: The Association of University Research Parks (AURP)
Presentation Title: Creating Communities of Innovation

Event: Wildcatalyst Seminar Series
September 28, 2017
Presenters: Wayne Jones and William Bernier
Presentation Title: Launching (Research Based) Start-Ups: ChromaNanoTech, LLC