Welcome to our Spring Wildcatalyst Insider, covering news and events from January to March, 2017. We've had some interesting commercialization activity over the past few months that we are excited to share with you. We've also recently received some generous support and prestigious recognition for the work UNH is doing to support the entrepreneurial ecosystem in and around the university. Check out the articles below to learn more!

Between our newsletters, check out our blog or follow us on Twitter to stay up to date with all our latest news, events, and initiatives as we continue managing and promoting UNH's innovative research outputs and increasing university collaborations with the business community.

Cheers!

Marc Sedam
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In this Issue:

UNH Wins VentureWell Award

UNH Licenses DNDC Software Model

NHIRC Day in Concord

Frederick Evans Lantern Slides

UNH-IOL Launches Time Sensitive Networking Testing Service

UNH Alum Donates $150K to ECenter

Comings and Goings

UNH Wins Campus Culture and Policy Award from VentureWell

The University of New Hampshire (UNH) was awarded the Campus Culture and Policy Award by VentureWell, a leader in funding, training, coaching and early investment that brings student innovations to the world. UNH is one of 50 schools that are a part of the Pathways in Innovation (Pathways) community. Pathways schools are committed to integrating innovation and entrepreneurship into the fabric of their universities.
DNDC Applications Research and Training, LLC (DNDC-ART) recently signed a license agreement with UNH for the commercial use of a modeling software called Denitrification-Decomposition, or DNDC. The software was developed primarily with federal funding by the late Changsheng Li, Ph.D., a research professor at the UNH Institute for the Study of Earth, Oceans, and Space (EOS).

DNDC is a computer simulation model of carbon and nitrogen biogeochemistry in ecosystems. It can accurately simulate greenhouse gas emissions across a variety of environments, under any climatic condition anywhere in the world, to aid in understanding and mitigating global warming.

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In February, the New Hampshire Innovation Research Center (NHIRC) hosted a brown bag luncheon in Concord, NH to raise awareness of the program and to urge lawmakers to increase funding to support innovations through industry and university research collaborations. The NHIRC is a state funded economic development grant which provides funding to support projects under development in the private sector in New Hampshire. Projects vary from proof-of-concept to substantial product or process design. Companies are required to provide matching dollars or in-kind services with the intention of improving the impact of the NHIRC award.

State legislators were invited to the luncheon event to meet NHIRC administrators and some representatives from previously funded companies to learn how translational research funding through the NHIRC helps companies innovate, stay, and grow in New Hampshire.

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Read the full story

Collection of Signed Lantern Slides from Photographer Frederick Evans
In February, Otto Luna, a Visual Resource Librarian at UNH, contacted UNHI about an unusual copyright inquiry. Otto is responsible for the management of the Visual Resources Center (VRC) within the Department of Art and Art History. Otto began working at UNH in May of 2016 and quickly discovered that his department possessed something really special – a collection of original signed lantern slides from noted British photographer Frederick Evans.

Frederick Evans was born in London in 1853. He started his career as a bookseller but began experimenting with photography in the early 1880s. Around 1890, Evans began photographing the English and French cathedrals that he would become best known for, and for which he would become regarded as one of the finest architectural photographer of his, or any, era. Evans is known for his platinum prints, a process that uses a deposit of platinum absorbed into paper to produce a photographic print. But throughout his career he made it well known that he felt paper prints lacked visual depth. His preferred medium was the lantern slide.

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[Read the full story](#)
The UNH InterOperability Laboratory (UNH-IOL), an independent provider of broad-based testing and standards conformance services for the networking industry, recently launched three industry-specific Time Sensitive Networking (TSN) Testing Services – Automotive Networking, Industrial Networking, and Pro AV (Audio/Video) Networking. By providing high quality test plans, tools, and test beds for TSN, UNH-IOL allows businesses to improve products and accelerate market readiness. UNH-IOL currently assists the Avnu Alliance in developing and providing certification services for the TSN industry.

Through UNH-IOL’s industry-specific TSN Testing Services, companies can be at the forefront of the market and help drive the technology forward by validating their products with a full suite of testing services that will allow applications like self-driving cars and the Industrial Internet of Things to take off.

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Read the full story

The Peter T. Paul Entrepreneurship Center (ECenter) recently announced the creation of the J. Dolores and Alfred P. Maurice Prize for Innovation Fund. Alfred P. Maurice donated...
$150,000 to create an endowed gift to benefit undergraduate student innovation.

The ECenter is honored that Alfred Maurice sees the value in encouraging, supporting, and rewarding undergraduate students to be creative and innovative with ideas and solutions. This prize will help us continue to build the growing innovation culture on campus whether the student idea is a product, social venture, or service.

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Read the full story

UNHInnovation

Comings and Goings

UNHI Presentations

UNH Manchester ET751/791: Senior Capstone Project
February 6, 2017
Presenter: Maria Emanuel
Presentation Title: Intellectual Assets

Partnerships for Broader Impacts Panel
March 10, 2017
Presenter: Maria Emanuel
Presentation Title: Partnerships for Broader Impacts Panel

Corporate Engagement Workgroup Meeting
March 16, 2017
Presenter: Maria Emanuel
Presentation Title: Intellectual Asset Management

UNH Law LIP802: Intellectual Property, Technology Transfer and Global Development
March 17, 2017
Presenter: Maria Emanuel
Presentation Title: Academic Technology Transfer in the US

Chinese Delegation via International Visitor Leadership Program
March 17, 2017
Presenter: Maria Emanuel
Presentation Title: IP Rights Issues in the US

SCORE
March 21, 2017
**Presenter:** Maria Emanuel  
**Presentation Title:** Intellectual Asset Management

RMP490: Recreation and Leisure in Society  
March 28, 2017  
**Presenters:** Chris Harris, Maria Emanuel  
**Presentation:** I Intellectual Property and Rights

Academic Intellectual Property Management  
March 31, 2017  
**Presenters:** Maria Emanuel  
**Presentation:** UNH Law LIP928: Intellectual Property Management

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**UNHI Committee Participation**

Association for University Technology Managers (AUTM) Board of Directors  
**Marc Sedam**

UNH Foundation – Research and Innovation Committee  
**Marc Sedam**

PLAN Board  
**Marc Sedam**

Zero Waste Task Force  
**Marc Sedam**

Live Free and Start Advisory Council  
**Marc Sedam**

Alpha Loft Board  
**Ian Grant**

Placement Employer Development Working Committee  
**Ellen Christo**

CRM Guiding Principals Group  
**Ellen Christo**
UNH Corporate Advisory Group
Ellen Christo

UNH Corporate Engagement Committee
Ellen Christo
Matt Simon
Chris Harris
Maria Emanuel

UNHCEMS Working Group
Maria Emanuel
Matt Simon

IEP Core Implementation Committee
Maria Emanuel

Seacoast School of Technology Biotechnology Advisory Committee
Maria Emanuel

Financial Conflict of Interest Disclosure Review Committee
Maria Emanuel

Customer Journey Working Group
Maria Emanuel

Export Compliance Advisory Committee
Matt Simon

UNH Communicator's Network
Chelsey DiGiuseppe
Heather MacNeill

UNHI Attended Conferences and Events

T3 Meeting
January 17, 2017
Attendee: Maria Emanuel, Matt Simon
UNH Law Lunch and Learn Series
February 15, 2017
**Attendee:** Maria Emanuel

Lunch and Learn Series - Open Access Publishing
January 19, 2017
**Attendees:** Maria Emanuel, Matt Simon, Chris Harris

Alpha Loft Founders Series
January 24, 2017
**Attendee:** Ian Grant

Alpha Loft Launch Series
January 31, 2017
**Attendee:** Ian Grant

Alpha Loft Breakfast Forum
February 7, 2017
**Attendee:** Ian Grant

AKPsi Success Day
February 18, 2017
**Attendee:** Ian Grant

Congressional Roundtable with Senator Shaheen
February 22, 2017
**Attendee:** Ellen Christo

MATTO Seminar
February 22, 2017
**Attendee:** Marc Sedam

State of the State Governor’s Breakfast
March 1, 2017
**Attendee:** Ellen Christo

UNH Collaborative Research Excellence (CoRE) Initiative - Lunch and Learn
March 7, 2017
**Attendee:** Maria Emanuel, Matt Simon, Chris Harris

TechWomen Power Breakfast Series - Building an Innovation Centric Organization
March 8, 2017  
**Attendee:** Maria Emanuel, Matt Simon  

AUTM Annual Meeting  
March 12-15, 2017  
**Attendee:** Maria Emanuel, Marc Sedam  

VentureWell Open Conference  
March 24 – 25, 2017  
**Attendee:** Marc Sedam  

Macfarlane Research Greenhouses Research Field Day  
March 31, 2017  
**Attendee:** Matt Simon  

Datron TechDay  
March 31, 2017  
**Attendee:** Marc Sedam  

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**UNHI Sponsored Seminars and Events**

**Event:** CEO Peer Group  
January 5, 2017  
**Presenters:** Ellen Christo, Geri Denton  
**Presentation Title:** Co-sponsored with UNH Center for Family Business  

**Event:** I-Corps Training  
January 25, 2017 - Ongoing  
**Presenter:** Marc Sedam  

**Event:** Wildcatalyst Seminar  
January 26, 2017  
**Presenters:** Dave Arnold, Professor Erik Swartz  
**Presentation Title:** Teaming Up with Right Technology  

**Event:** I2 Passport Kickoff Brunch with Jeff Hoffman  
February 12, 2017  
**Presenters:** Ian Grant, Marc Sedam, Heather MacNeill, Jeff Hoffman  
**Presentation Title:** Meet and chat with Jeff Hoffman
Event: NHIRC Day  
February 21, 2017  
**Presenters**: Ellen Christo, Geri Denton, Marc Sedam  
**Presentation Title**: NH Senators and Reps Invited to Learn About NHIRC

Event: ECenter Bootcamp  
February 20/22, 2017  
**Presenters**: UNH Professor Dev Dutta  
**Presentation Title**: Idea Creation

Event: Wildcatalyst Seminar  
February 23, 2017  
**Presenters**: Rob Braswell  
**Presentation Title**: Building a Commercial Product From Academic Research

Event: Host Turkish TTO Delegation from Galatasaray Üniversitesi  
March 1, 2017  
**Presenters**: UNHInnovation

Event: ECenter Bootcamp  
March 8, 2017  
**Presenters**: Attorneys Jamie Baker & Jon Gelchinsky  
**Presentation Title**: Legal Basics

Event: Wildcatalyst Seminar  
March 23, 2017  
**Presenters**: Peter Egelston, Marc Sedam  
**Presentation Title**: University/Industry Strategic Partnerships