November, 2015

Read stories this month in these UNH research areas:

- Agriculture & Biosciences
- Business & Technology
- Engineering & Physical Sciences
- Health, Behavioral & Social Sciences
- Humanities & the Arts
- Marine & Ocean Sciences
- Space Science
- Sustainability & the Environment

Agriculture & Biosciences

Experiment Station Research Presented at New England Vegetable and Fruit Conference
Dec. 15-17
UNH scientists working at the NH Agricultural Experiment Station will gather in December to present their research at the New England Vegetable and Fruit Conference. Iago Hale, a plant breeder and assistant professor of specialty crop improvement, will discuss his on-farm trials with the entire North American collection of cold-hardy kiwis, or kiwiberries; J. Brent Loy, emeritus professor of plant genetics, will discuss how grafting melons onto rootstocks of hybrid squash can increase production and revenue; and Becky Sideman, extension professor of sustainable horticulture production, will discuss a variety of topics, including plant disease control and the new cherry tomato she has developed.

http://colsa.unh.edu/aes/2015fruitandvegconf

UNH Agricultural Research Boosts New England's Thanksgiving Bounty
Research conducted at the NH Agricultural Experiment Station at UNH helped fill New England Thanksgiving tables with an abundance of locally grown foods. The research has contributed more than 60 new varieties of squash, pumpkins, gourds, and melons; Brussels sprout varieties and sweet potato cultivars that grow best in the region; locally grown onions throughout the year; milk for Hood ice cream; and safer oysters.

http://unh.edu/unhtoday/2015/11/menu-makers

UNH Conducts First Study on Growing Brussels Sprouts in Northern New England
Becky Sideman, extension professor of sustainable horticulture production, has determined which varieties of Brussels sprouts are ideal for planting in northern New England by conducting the first-ever study on growing the vegetable in the region. New England’s colder fall, she found, results in sweeter Brussels sprouts. Sideman also has determined which varieties benefit from topping -- removing the top of the plant -- for increased yields and marketability.

http://colsa.unh.edu/aes/brusselssprouts

Credit: NH Agricultural Experiment Station
UNH Hosts Popular Poinsettia Trials Open House Dec. 10-12, 2015

UNH’s tenth annual Poinsettia Trials Open House will be held Dec. 10 to Dec. 12 at the Macfarlane Research Greenhouses. More than 100 poinsettia varieties with colors and shades varying from the traditional red to shades of pink, apricot, deep burgundy, and white will be on display. Visitors will fill out surveys to record their favorite varieties, which will help breeders and growers learn which poinsettias are most desirable.

http://colsa.unh.edu/aes/2015poinsettia

Business & Technology

nTIDE Jobs Report: Employment Dips Again for People with Disabilities

For the second month in a row, the National Trends in Disability Employment – Monthly Update, issued by the Kessler Foundation and the Institute on Disability at UNH, has shown a drop in the employment-to-population ratio for working-age people with disabilities. The update for October was released just before Veterans Day, underscoring the need for initiatives to support hiring people with disabilities, veterans included. Andrew Houtenville, associate professor of economics at UNH, is hopeful that these numbers will return to the growth seen in the first eight months of the year.


UNH Receives Federal Grant to Improve National Disability Employment Data

The Institute on Disability at UNH (IOD) has received a five-year, $4.3 million renewal grant from the U.S. Department of Health and Human Services, National Institute on Disability, Independent Living, and Rehabilitation Research. The funding will be used by the IOD to improve access to existing disability data and provide a better picture of how to increase employment for people with disabilities. Key partners on the project include Mathematica, Hunter College, the Kessler Foundation, and the Association of University Centers on Disability. For more information about IOD research on disability, visit www.researchondisability.org.

http://www.unh.edu/news/releases/2015/11/mg03disability.cfm#ixzz3qdYD4SYz
http://www.unh.edu/news/releases/2015/11/mg03disability.cfm

Engineering & Physical Sciences

Get In the Flow: Step Inside the UNH Flow Physics Facility, the World’s Largest Boundary Layer Wind Tunnel

UNH’s Flow Physics Facility is the largest boundary layer wind tunnel in the world. Martin Wosnik, associate professor of mechanical engineering, is leading a team using the facility to investigate energy transport mechanisms in large offshore wind farms by observing scaled-down wind mill turbines positioned throughout the tunnel. The team’s findings will help optimize future energy production and wind farm construction.

http://www.unh.edu/unhtoday/2015/11/get-flow
Learning and Rockets Blast off in STEM Discovery Lab
Manchester middle schoolers are getting the chance to invent and create in the Makers! 4-H SPIN Club, a four-week program at UNH Manchester’s STEM Discovery Lab conducted in partnership with UNH Cooperative Extension. Students pursue their interests in science, technology, engineering, and math through projects in robotics and rocket design. The fall program has 11 students in grades four through six participating.

http://manchester.unh.edu/blog/unh-stem-discovery-lab/learning-and-rockets-blast-stem-discovery-lab

Not Rocket Science – Connecting New Hampshire's Aerospace and Defense Industry with UNH Research Expertise
On November 4, UNH hosted its first Aerospace and Defense Technology Day. The seventy aerospace and defense industry representatives who attended gained direct access to researchers from UNH and other companies at the event designed to identify and develop potential projects, solve business challenges, and accelerate scientific innovation in the aerospace and defense industries. Nearly 350 companies in New Hampshire self-identify as part of the aerospace and defense industry, making this sector a critical component of the state’s economy.

http://www.unh.edu/unhtoday/2015/11/not-rocket-science

Health, Behavioral & Social Sciences

CACL Co-Director Susan Fox: Employment as a Source of Support for Informal Caregivers of Aging Family Members
Susan Fox, Co-Director for the Center on Aging and Community Living, discussed her research on the mental health and economic wellbeing of informal caregivers of aging family members on November 21st at the Gerontological Society of America Annual Scientific Meeting. Fox has found that informal caregivers who are employed experience fewer depressive symptoms than those unemployed. Since unpaid family caregivers are the main source of long-term support for aging adults, Fox’s research supports the implementation of family-friendly policies by businesses to assist working caregivers.


Extension Specialist to Tackle Issues Facing New Hampshire Rural Communities
Sarah Smith, extension professor and specialist in the forest industry, has been appointed to New Hampshire’s Rural Affairs Commission. The nine-member commission is made up of legislators, private-sector business people, and educators from New Hampshire’s university and community college systems. As a member of the Commission, Smith will provide a collective voice for rural areas in NH. Smith’s appointment is another valuable opportunity for Cooperative Extension to participate in strengthening New Hampshire’s families, communities, and economy.

http://extension.unh.edu/articles/Extension-Specialist-Tackle-Issues-Facing-NH-Rural-Communities
Federal Earned Income Tax Credit (EITC) Kept 2 Percent of the Population Out of Poverty

A new study from the Carsey School of Public Policy at UNH shows that the Earned Income Tax Credit (EITC) kept 2% of the U.S. population out of poverty, with the greatest poverty reduction seen in Texas, North Carolina, and Arizona. Using the Current Population Survey (CPS) Annual Social and Economic Supplement (ASEC) for the years of 2011–2015, the research team, led by Carsey research associate Doug Gagnon, determined that the EITC keeps a similar share of people out of poverty from both metropolitan and non-metropolitan areas. The impact of the EITC was particularly noteworthy for children – it is suggested that 4.3% more children would live in poverty without it.

http://campaign.r20.constantcontact.com/render?ca=bb5c2b1-58d8-4fc4-8c6b-6977f97fd1f&c=10e4c220-45a3-11e3-b9d6-d4ae5292c40b&ch=12810d00-45a3-11e3-b92-d4ae5292c40b

Katie Edwards Named APA Contributing Editor of the Year

The American Psychological Association has named Katie Edwards, assistant professor of psychology, as Contributing Editor of the Year 2015 for the journal Psychology of Violence, a multidisciplinary research journal devoted to violence and extreme aggression. The award is given in recognition of outstanding contributions by an ad-hoc reviewer based on the quality, quantity, and timeliness of reviews. Edwards’s own research focuses on intimate partner violence victimization, perpetration, and bystander intervention among adolescents and young adults.

http://cola.unh.edu/article/2015/11/edwards-apa

Leading Health Care Practice Transformation in NH

The NH Citizens Health Initiative (NHCHI), a program of the Institute for Health Policy and Practice in UNH’s College of Health and Human Services, has partnered with Maine Quality Counts and the Vermont Program for Quality in Healthcare from the Northern New England Practice Transformation Network to improve the quality of primary and specialty care practices, ultimately leading to healthier lives and lower healthcare costs for the residents of northern New England. Supported by a major grant from the Centers for Medicare and Medicaid, the NHCHI will work with 200 primary and specialty care practices and a wide range of organizations to provide assistance, disseminate information, and provide services on a local level through the utilization of peer coaches and mentors. A particular focus of the Network’s efforts will be helping medical practices learn how to better manage chronic conditions such as high blood pressure and diabetes.


Leslie Couse Publishes Handbook of Early Childhood Teacher Education

Leslie Couse, associate professor and chair of the Education Department, has co-edited a new book, Handbook of Early Childhood Education, that articulates the unique features of early childhood teacher education. Using empirical research, Couse highlights the strengths and of limitations current practice. The book is the first of its kind in the field, providing insights into key topics including the history of early childhood teacher education programs, models for preparing early childhood educators, pedagogical approaches to supporting diverse learners, and contemporary influences on this quickly expanding area of study.

http://cola.unh.edu/article/2015/11/couse
Melvin Dubnick Publishes New Edition of Public Administration, Policy Encyclopedia
Melvin Dubnick, professor of political science, has co-edited a new edition of the Encyclopedia of Public Administration and Public Policy. The encyclopedia is a definitive volume spanning many fields of public administration and public policy. The new edition incorporates over 225 new entries and over 100 revisions, including a range of contributions and updates from the renowned academic and practitioner leaders of today and the next generation of top scholars.


New Research Funding at the Institute on Disability
The Institute on Disability at UNH (IOD) has received two major grants to support the IOD’s disability research. Debra Brucker, IOD research associate, will examine the association of economic and health outcomes with food security for persons with disabilities over time with the support over three years from the U.S. Department of Agriculture’s Economic Research Service. The IOD also was awarded a five-year renewal grant by the U.S. Department of Health and Human Services, National Institute on Disability, Independent Living, and Rehabilitation Research for the Employment Policy and Measurement Rehabilitation Research and Training Center (EPM-RRTC). Led by Andrew Houtenville, associate professor of economics and research director of the IOD, the EPM-RRTC works to improve knowledge about disability employment policy and the ways to measure the labor market experiences of people with disabilities.

http://www.iod.unh.edu/About/visionandvoice/Fall2015/New_Grants.aspx

Occupational Therapy Researchers Receive NIH Grant
Kerryellen Vroman and Sajay Arthanat, faculty members in the department of occupational therapy, will survey over 400 adults ages 65+ and conduct focus groups with family members and social service professionals as part of a project to examine the effectiveness of information communication technology, specifically social media, in improving the health and wellbeing of older adults. The project will be supported by a three-year grant from the National Institutes of Health. A major component of the research will involve teaching older adults how to use new technologies to access the information, services, and people they need, focusing particularly on adults living alone or in rural areas where isolation and loneliness can be detrimental to health, and then evaluating the impact of the new skills on participants’ technology adoption, social participation, independent living, overall health, and well-being.

http://chhs.unh.edu/article/2015/11/occupational-therapy-researchers-receive-nih-grant

Policing American Indians: A New Book by Laurence French
Laurence Armand French, senior researcher in UNH’s Justiceworks and affiliate professor of justice studies, has published Policing American Indians: A Unique Chapter in American Jurisprudence. A mix of academic research and field experience, the book draws on French’s more than 40 years of experience working with Native American individuals and groups to examine their treatment in the U.S. criminal justice system, focusing particularly on the bias, prejudice, and corruption that riddle the history of U.S. jurisprudence.

http://cola.unh.edu/article/2015/11/french
Professor Harrison-Buck's Paper Recognized by American Anthropological Association

Eleanor Harrison-Buck, associate professor of anthropology, has won the 2015 Gordon R. Willey Award for her article “Architecture as Animate Landscape: Circular Shrines in the Ancient Maya Lowlands.” The award recognizes the best archaeology paper published in *American Anthropologist* over the last three years that reports archaeological research that intersects with topics of broad anthropological interest. In her article, Harrison-Buck examines the distribution of marine shells and cave formations that appear incorporated as architectural elements in ancient Maya circular shrine architecture to gain a deeper understanding of Maya perspectives of landscape and sacred geography.

http://cola.unh.edu/article/2015/11/eharrison-buck

Professor Stephen Pimpare on NH's Undeclared Voters

Stephen Pimpare, lecturer of American politics and public policy at UNH Manchester, was interviewed recently by The Keene Sentinel about the myth of New Hampshire’s undeclared voters. He asserts that the group is neither as mysterious nor as unique as national media would like to present. While undeclared voters are the largest voting pool in NH, Pimpare states that roughly 40 percent of undeclared voters can be expected to vote Democrat and 30 percent can be expected to vote Republican consistently, leaving only 30 percent without a known party affiliation. Pimpare further notes the reason so many remain undeclared is their dissatisfaction with politics and their lack of desire to associate with a definitive party. With the 2016 primary race in full swing, Pimpare says, “If independents are going to come out, they will flock to this race, mostly because they feel it’s a time when their votes actually count.”


Psych Success – Katie Edwards Applies a Savvy Hand to a Heavy Topic

Katie Edwards, assistant professor of psychology, has been recognized for her research and teaching excellence with UNH’s 2015 Outstanding Assistant Professor Award. Edwards is director of the Interpersonal Violence Research Laboratory in the department of psychology, a laboratory that examines interpersonal violence, primarily sexual assault and intimate partner violence among adolescents and young adults. In a video interview, Edwards shares that one of her favorite things about being a professor is mentoring students as they develop their own research.

http://www.unh.edu/unhtoday/2015/11/psych-success

Recent Books by Psychology Faculty

Three members of UNH’s psychology department have had books published this year representing the breadth of research conducted in the department. Victoria Banyard’s *Toward the Next Generation of Bystander Prevention of Sexual and Relationship Violence: Action Coils to Engage Communities* reports and analyzes an array of research about who helps others and under what conditions, and discusses the implications of this research for a bystander intervention focused prevention agenda to reduce sexual and relationship violence in schools and communities. *Inferences During Reading*, co-edited by Edward J. O’Brien, features contributions by distinguished researchers in cognitive psychology, educational psychology, and neuroscience on topics central to our understanding of the inferential process during reading. William Woodward’s *Hermann Lotze: An Intellectual Biography* is a historical study and first-ever complete examination of the work of Hermann Lotze, a philosopher, psychologist, and physician who was a pivotal figure in nineteenth-century intellectual thought.

http://cola.unh.edu/article/2015/11/recent-books-psych
Rochelle Lieber Publishes Updated Text on Word Formation
Professor of English and linguistics Rochelle Lieber has published the second edition of her textbook *Introducing Morphology*. Morphology is the study of how words are put together. Lieber, who is a theoretical linguist, draws on data from a wide variety of languages to create a lively introduction to the subject in this textbook intended for undergraduates with relatively little background in linguistics. The text has been designed to encourage students to gather and analyze their own data, work with data on websites, perform simple experiments, and discuss topics with each other.

http://cola.unh.edu/article/2015/11/lieber

Should I Say Something? Dating and Sexual Aggression Bystander Intervention Among High School Youth
According to new research from the Carsey School of Public Policy at UNH, more than 90% of high school students reported having the opportunity to intervene in situations of dating or sexual aggression, although they actually intervened in fewer than two-thirds of the incidents. The research was conducted by Katie Edwards, assistant professor of psychology; Robert Eckstein, senior lecturer in psychology and justice studies and leader trainer and curriculum development specialist in the Prevention Innovations Research Center; and Kara Anne Rodenhizer-Stämpfli, a doctoral student in social psychology. Through analysis of data gathered via surveys and focus groups with 218 high school youth from three New England high schools, the team was able to identify a number of barriers to bystander intervention: avoidance of drama; social status and repercussions; the failure of the dating or sexual aggression to meet a certain threshold; the aggression occurring online; anticipated negative reactions from the perpetrator or victim; and an inability to relate to the situation.

http://campaign.r20.constantcontact.com/render?ca=f40860b2-41fc-40c1-ace4-baaf73a00554&c=10e4c220-45a3-11e3-b9d6-d4ae5292c40b&h=12810d00-45a3-11e3-ba92-d4ae5292c40b
http://cola.unh.edu/article/2015/11/bystander-intervention

Stephen Pimpare: 13 Lessons About Poverty
In 2015, the AmeriCorps VISTA program celebrated its 50th anniversary with a national poverty summit and a series of regional spotlight events. Stephen Pimpare, lecturer of American politics and public policy at UNH Manchester and author of *A People’s History of Poverty in America*, delivered "Ted Talk"-style presentations at several of these events, outlining the lessons learned during the first fifty years of the VISTA program. This video adaptation of the presentations provides thirteen powerful lessons in just fifteen minutes.

http://manchester.unh.edu/blog/about-our-faculty/stephen-pimpare-13-lessons-about-poverty

Susan Fox Joins the AAIDD Delegation to South Korea and Japan
In September, Susan Fox, associate director of the Institute on Disability at UNH, travelled to South Korea and Japan with a delegation of service providers, professionals, teachers, and researchers from the American Association on Intellectual and Developmental Disabilities. The purpose of the trip was to research the support systems provided for people with intellectual and developmental disabilities in Japan and Korea.

http://www.iod.unh.edu/About/visionandvoice/Fall2015/AAIDD_Japan.aspx# ../../../Libraries/AIDD_Delegation_to_South_Korea_Japan/AAIDD7.sflb.ashx
Unlocking the Secrets of the Mound Builders
Meghan Howey, associate professor of anthropology, has spent a great deal of her career exploring Native American archeological sites in Northern Michigan and collaborating with contemporary tribal communities in an attempt to shed light on the dynamic lives and cultural landscapes of Native Americans who lived in the Great Lakes between 1200 and European contact at about 1600 AD. Last year, Howey was awarded a Digital Innovation Fellowship from the American Council of Learned Societies, only one of seven scholars nationwide to receive the fellowship. Howey hopes her research will shed light on the ingenuity and complexity of these pre-European contact cultures about which misinformation has been rampant.

http://cola.unh.edu/thecollegeletter/2015-11/unlocking-secrets-mound-builders

Humanities & the Arts

A Test of Optimism – Theatre Professor Performs One-man Show in New York
David Kaye, theatre professor and chair of the theatre and dance department, performed his one-man play “How I Brought Peace to the Middle East?” on November 13 at New York’s United Solo theatre festival, the largest solo theatre festival in the world. The play, based on the six months Kaye and his family lived in Israel near the Gaza Strip, is a tragicomedy centered on how those months served as a test of optimism.

http://www.unh.edu/unhtoday/2015/11/test-optimism

Changing Minds – Isabelle Beagen Studies an Intriguing Slice of Theatre History and Finds a New Passion in the Process
Isabelle Beagen ’18, a theatre major, is pursuing her passion for Norwegian playwright Henrik Ibsen by researching his work and its relationship to the suicide of Eleanor Marx, the youngest daughter of Karl Marx. Funded through a Research Experience and Apprenticeship Program fellowship, Beagen is working under the mentorship of professor of theatre David Richman to better understand how Marx, a strong, outspoken feminist and one of the first people to introduce Ibsen to the English-speaking world, could be driven to suicide, not unlike many of Ibsen’s female characters.

http://cola.unh.edu/thecollegeletter/2015-11/changing-minds

Professor's Book Chapter Recognized by Milton Society of America
Associate professor of English Reginald Wilburn was awarded the John T. Shawcross Award by the Milton Society of America for a chapter of his book Preaching the Gospel of Black Revolt (Duquesne University Press, 2014). The award recognizes a distinguished edition of Milton’s works, a distinguished bibliography, a distinguished reference work, or a distinguished chapter on Milton in a monograph.

http://cola.unh.edu/article/2015/11/rwilburn
Tom Paine Publishes Third Book of Fiction
Associate professor of English and fiction writer Thomas Payne has released a new short story collection, *A Boy’s Book of Nervous Breakdowns: Stories*, which depicts the simultaneously dreamlike and brutally real experience of witnessing contemporary political and environmental catastrophes. The stories’ characters range from a CBS radio journalist reporting the opening months of the second invasion of Iraq to a Japanese Reggae band struggling after the Fukushima nuclear disaster. Payne, writing as Tom Paine, has published two previous books and has had stories appear in a variety of venues including *The New Yorker, Playboy, and Harper’s*.

http://cola.unh.edu/article/2015/11/paine

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Marine & Ocean Sciences

The Making of "What's All the ComOcean?" Puppet Musical
The UNH Marine Docents and NH Sea Grant/UNH Cooperative Extension teamed up with the Department of Theatre and Dance to write, produce, and perform *What's All the ComOcean?*, a puppet musical focused on environmental changes in the Gulf of Maine. The play uses 12 different puppets designed to emulate underwater swimming and has music written by a 2014 UNH graduate. The goal of the musical is to engage children with marine environments and some of the issues confronting them, such as warming ocean waters, invasive species, and marine debris. UNH’s Little Red Wagon troupe toured the show during summer 2015 to test and refine the performance.

http://cola.unh.edu/article/2015/11/making-whats-all-comocean-puppet-musical

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UNH Scientist Receives Major Grant to Study Ocean's Smallest Creatures and Help Assess Damage Caused by Oil Spills
W. Kelley Thomas, professor of molecular, cellular, and biomedical sciences, and director of the Hubbard Center for Genome Studies, has received a grant from the Gulf of Mexico Research Initiative as part of nearly $38 million awarded to individuals and teams studying the effects of oil on the Gulf of Mexico ecosystem and public health following the Deepwater Horizon oil spill. Thomas and his collaborators will study the communities of microscopic species that are essential to the proper functioning of the Gulf ecosystem, including those that play critical roles in breaking down contaminants. Tools originally used in human genetic testing will be used to investigate the organisms that comprise these communities and determine what their likely functional roles are in the environment. The resulting databases of genomes from these organisms and the standard procedures developed will form the base of a durable resource for environmental assessment, enabling better assessments of damage and enhanced progress toward remediation in the future.

**Space Science**

**Where in the World is UNH?**

Working with UNH scientists, New Hampshire high school students and their mentors in the Project SMART program launched three high-altitude balloons 102,000 feet above Earth’s surface on November 21

Students helped put together the balloons’ high-tech payloads of cameras and sensory equipment, including a NASA-funded prototype gamma-ray detector built by a UNH Space Science Center scientist. The flight provided the opportunity to test the detector in the cold, airless environment of near space.

http://unh.edu/unhtoday/2015/11/where-world-unh

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**Sustainability & the Environment**

**Changsheng Li (1941 – 2015)**

Changsheng Li, research professor in UNH’s Institute for the Study of Earth, Oceans, and Space (EOS), passed away October 18

Li’s life work was building a one-of-a-kind mathematical ecosystem model that simulates the soil biogeochemical processes occurring in agricultural systems throughout the world. His now widely-used DeNitrification-DeComposition model is capable of simulating greenhouse gas emissions across a variety of terrestrial ecosystems under any climate condition anywhere around the world. In recognition of his work, which has helped efforts to curb global warming, UNH honored Li with the Faculty Excellence in International Engagement Award in 2009.


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**New Sustainability Briefings: Climate Change and the New England Food System**

The Sustainability Institute at UNH has released a new series of Sustainability Briefings focused on climate change and the New England food system. This series, written by 2015 Food Solutions New England Climate Fellow Ravdeep Jaidka, covers diversified farming systems, the potential sustainability benefits of oyster farming, and more. Jaidka’s fellowship, based at the Sustainability Institute, was hosted in collaboration with Food Solutions New England, a regional collaborative network organized around the single goal of transforming the New England food system into a resilient driver of racial equity and food justice, health, sustainable farming and fishing, and thriving communities.

http://us1.campaign-archive2.com/?u=f961de241c8b5cbfcd3dd440&id=498428fd7b&e=94f85b9afa

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**The Year in Sustainability**

The 2015 fiscal year annual report for the Sustainability Institute at UNH features projects and initiatives over the past year that have been built on collaboration across the campus and into the community.

http://us1.campaign-archive2.com/?u=f961de241c8b5cbfcd3dd440&id=5a45ff8074&e=94f85b9afa
UNH Professor Awarded the Honor of 2015 AAAS Fellow
Steve Frolking, research professor of biogeochemistry in the UNH Institute for the Study of Earth, Oceans, and Space and the department of Earth sciences, has been named a fellow of the American Association for the Advancement of Science (AAAS) for his contributions to understanding Earth’s carbon cycle and its relation to the environment. Election as an AAAS Fellow is an honor bestowed upon AAAS members by their peers for scientifically or socially distinguished efforts to advance science or its applications.


York Beaches Nexus of Sustainability Research
UNH researchers have taken to the beaches of York, Maine to assist the community in identifying pollution sources and the effects of such pollution on beach economies. As part of this cross-disciplinary project, Steve Jones, research associate professor in natural resources and marine science, and graduate student Derek Rothenheber use DNA analysis to determine whether pollution samples are of human or animal origin, while Tom Safford, associate professor of sociology, and his team canvass the business community for their perceptions of water quality. The project is an initiative of the New England Sustainability Consortium and is funded by the National Science Foundation’s Experimental Program to Stimulate Competitive Research (EPSCoR).

http://www.unh.edu/unhtoday/2015/11/york-beaches-nexus-sustainability-research