UNH Cooperative Extension

Collaborative Partnerships with USNH Schools, Colleges & Other Units
2013
Dear Partners,

Every now and then we like to cast a spotlight on the outreach collaborations among UNH Cooperative Extension and USNH colleges, schools, centers, and institutes. There are many; more than 75 USNH faculty and staff have teamed up with more than 40 Extension faculty and specialists on 70+ collaborations over the last 12 months.

To these partnerships, Extension brings 100 years of experience in the business of “outreach”; its presence in every corner of our state, and its expertise in four broad focus areas—food and agriculture, natural resources, community and economic development, and youth and family. As you will see, we are working with USNH partners on STEM, online education, natural resources stewardship, nutrition education, broadband expansion, climate change, youth development, economic development, sustainable farming, dairy research, civic engagement, and much more.

Our staff—56 percent of whom work off campus, out in the cities and towns of New Hampshire—has an ear to the ground and a keen sense of the needs of the state’s regions, economies, and people. In recent months, we have seen an uptick in interest from potential partners who understand this and who realize that connecting with Extension can make grant applications more competitive and can pack more of an impact into their work. This is the Extension model at its best, and I am inspired by the momentum. The synergy will make our collective impacts on the state and its people even more powerful.

Let us show you the New Hampshire we know. To find out more about the benefits of working with Extension, please get in touch. I look forward to connecting with you.

Sincerely,

John E. Pike

Dean and Director
UNH Cooperative Extension

P.S. We were delighted with the success of our inaugural Issues & Ice Cream series in the 2012-2013 academic year, and we’ll bring it back for another year starting September 19. You can find the full schedule here: http://extension.unh.edu/University-partners/Issues-Ice-Cream.
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COLLEGE OF ENGINEERING & PHYSICAL SCIENCES  
Dean Sam Mukasa

Civil Engineering
- Faculty member Robert Henry serves on the 4-H STEM Advisory Committee, assisting Cooperative Extension youth development professionals in planning informal science curricula and projects for New Hampshire youth.
- Extension Community & Economic Development staff, with support from Extension Web & Media Specialist Faye Cragin, worked with the Stormwater Center to develop an online learning module on stormwater management for the New Hampshire Citizen Planner website.

Center for Coastal and Ocean Mapping
- Working with CCOM Outreach Specialist Tara Hicks Johnson, Extension specialists Mark Wiley and Rick Alleva provide support for the Seacoast SeaPerch program, which helps youth learn the STEM disciplines by building underwater robots.

COLLEGE OF LIBERAL ARTS  
Dean Ken Fuld

Education
- Extension’s Claes Thelemark and Michael Young are working with Mike Middleton, Eleanor Abrams, and Ruth Varner (Leitzel Center) on an NSF-funded project where 4-H volunteers and members collect and map sustainability practices in their communities.
- Extension’s Chris Keeley served as guest lecturer in the graduate course EDUC 904, Qualitative Inquiry in Education, where he taught case study design and applied research on communities that are actively engaged in planning for climate change.
- Extension’s Mary Tebo Davis, community forestry field specialist, offered the Natural Resources Stewards Course to UNH students in collaboration with Eleanor Abrams and the Education Department.

Geography
- Charlie French, Extension program team leader in Community and Economic Development, is working with Associate Professor Joel Hartter to teach a course for the Masters in Development Policy and Practice program.
Collaborative Partnerships with USNH Schools, Colleges & Other Units

2013

COLLEGE OF LIFE SCIENCES AND AGRICULTURE
Dean Jon Wraith

- In the fall of 2012, Extension faculty member Becky Sideman collaborated with other UNH Sustainable Agriculture faculty (Wil Wollheim, Stuart Grandy, Rich Smith, Andre Brito, Heidi Asbjornsen, Kirk Broders), UNH Sustainability Academy members (Tom Kelly, Joanne Burke, Margaret McCabe), and others to deliver a briefing to USDA Deputy Secretary Kathleen Merrigan.

- Extension faculty member Sarah Smith serves on COLSA’s Woodlands committee and on the UNH Land Use committee.

- Extension Assistant Director Lisa Townson collaborated with COLSA faculty members Andre Brito and Dave Townson to complete a comprehensive needs assessment of organic dairy producers in the Northeast. NIFA funded the project, which included research and Extension partners in Vermont, Maine, Connecticut, New York, and Pennsylvania.

- Extension Professor Cathy Neal serves as chair of the committee for the Anna and Raymond C. Tuttle Environmental Horticulture Fund, which awarded more than $72,000 in 2013 to support the research, teaching, and outreach efforts of COLSA and Cooperative Extension faculty Brent Loy, Iago Hale, Andrew Ogden, Brian Krug, Margaret Hagen, Mary Tebo Davis, Neal, and Amy Papineau.

Theatre

- Extension Specialist Molly Donovan worked with The Carsey Institute’s NH Listens and Professor David Kaye and theatre students to deliver an interactive training workshop on dealing with disruptive behavior at facilitated community dialogues.

Agricultural Experiment Station

- Extension Professor Cathy Neal organized and conducted a Nursery and Landscape Field Day at the AES Woodman Farm, where more than 100 participants learned about her current research in nursery production methods and wildflower establishment. Other Extension and AES faculty made presentations and/or provided research tours at the event.
Biological Sciences

- Extension Professor Becky Sideman collaborated with Professor Brent Loy to promote and hold a Field Day for Growers that highlighted his plant breeding work at Kingman Farm.

- Extension Field Specialist Seth Wilner taught classes for Assistant Professor Iago Hale’s Farm Studio capstone course and connected the class with a local farm, where the students conducted an enterprise farm sustainability assessment.

Molecular, Cellular, and Biomedical Sciences

- Nutrition Connections staff member Heidi Bennett mentored eight dietetic interns working in the Manchester community. The interns helped teach nutrition and healthy lifestyle choices in Manchester elementary and middle schools, afterschool programs, and in the Manchester community. In addition to teaching, the interns developed teaching activities, handouts, games, and bulletin boards for the program.

- Extension Professor Debbie Luppold worked with two UNH dietetic interns, providing community-based experiences teaching adult and youth groups with county Extension staff Brenda Carey (Belknap County) and Anne Dunn (Merrimack County). The interns also worked on statewide projects. Luppold provided a guest lecture in the fall 2012 semester’s Nutrition 401 course—Professional Perspectives on Nutrition.

- Extension Professor Catherine Violette proctors UNH dietetic interns for one of their community nutrition rotations. Violette also works with nutrition students who serve as volunteers with UNH Cooperative Extension, where they gain experience in nutrition education and community nutrition.

Natural Resources and the Environment

- In Professor Wil Wollheim’s NREN 903 course, Extension Professor Julia Peterson, along with Kalle Matso of the UNH-NOAA NERRS Science Collaborative, delivered a guest lecture on incorporating outreach and engagement into research proposals.

- Extension Professor Julia Peterson is part of a project team investigating nitrogen fluxes during storm events with in situ sensors in the Lamprey River watershed. Peterson is responsible for working with the technical team on delivering related outreach. Other members of the team include Wil Wollheim, William McDowell, and Michelle Daley.
• Extension Field Specialist Nada Haddad and Extension Professor Michael Sciabarrasi worked with Associate Professor Alberto Manalo from the Department of Natural Resources and the Environment on a farmers’ market research study to examine consumer behaviors and market effectiveness for farmers.

• Extension Program Team Leader for Community and Economic Development Charlie French and Extension Specialist Shane Bradt are working with professors Kelly Cullen and Alberto Manalo on a New Hampshire Sea Grant-funded project to examine alternative markets for New Hampshire-caught seafood, including underutilized species such as redfish, hake, and pollack.

• Extension Professors Mike Sciabarrasi and Becky Sideman collaborated with Professor John Halstead on a USDA-AFRI grant to explore the market potential and production potential for New Hampshire-grown agricultural products.

• Chris Keeley, Extension’s Communities & Climate Program Assistant, and Kalle Matso of the NOAA-NERRS Science Collaborative, conducted a seminar with graduate students of NR 916—Linking Decision-Making and Coastal Ecosystem Science—where they focused on working with stakeholders in designing and implementing collaborative approaches to natural resource management.

**Thompson School of Applied Science**

• Several UNH Cooperative Extension staff worked with Kate Hanson’s Community Leadership students to plan a community/school garden in Somersworth.

• Extension Specialist Paul Bonaparte-Krogh presented in Professor Kate Hanson’s class on community service and nonprofit management.

• Extension Professor Sarah Smith serves on the Forest Technology Advisory Committee for the Thompson School.

• Mary Tebo Davis provides educational sessions on green roof technology and ecological landscaping techniques to students in the classes of professors John Hart and Dana Sansom.

• Extension Professor Cathy Neal serves on the Thompson School’s Leadership Council and Hort Tech Advisory Board.

**COLLEGE OF HEALTH AND HUMAN SERVICES**

**Dean Michael Ferrara**

• Extension Youth and Family Program Team Leader Michael Young is working with faculty from the Departments of Recreation Management and Policy (Nate Trauntvein), Family Studies (Erin Sharp), Kinesiology (Jayson Seaman), the Institute on Disability (JoAnne Malloy), and The Carsey Institute (Eleanor Jaffee) on a Youth Development in Non-Formal Settings research affinity group project, which included a well-attended March brown bag discussion on the University’s role in outreach for youth development programs. The group is now working on a survey of youth development programs in Coös County, which will be followed by meetings to explore the data and community action in response.
Family Studies

- Working with Associate Professor Emerita Elizabeth Dolan, in 2012 Extension Field Specialist Rick Alleva placed two Family Studies students in the Seabrook Middle School. The students worked with at-risk youth during school, providing individual and group mentoring through the Seabrook Middle School guidance counselor, and they worked with kids at the Seabrook Adventure Zone 21st Century Community Learning Center afterschool program. In addition, the students were trained as 4-H volunteers.

Justice Studies

- Working with Senior Lecturer Robert Eckstein, in 2012 Extension Field Specialist Rick Alleva placed a Justice Studies student in the Seabrook Middle School. The student worked with at-risk youth during school, providing individual and group mentoring through the Seabrook Middle School guidance counselor. The student also worked with kids at the Seabrook Adventure Zone 21st Century Community Learning Center afterschool program.

The Browne Center

- Extension Field Specialists Rick Alleva and Thom Linehan, along with Extension Associate Professor Malcolm Smith, have partnered with Jeff Frigon at The Browne Center to develop and provide training on the Courage to Care anti-bullying curriculum for middle school-aged children.

- Clinical Assistant Professor Pam McPhee and her Equine Assisted Learning class facilitated a “Horses as Teachers” workshop for 4-H youth and volunteers in the spring of 2012 and 2013.

Recreation Management and Policy

- Extension Specialist Paul Bonaparte-Krogh and Assistant Professor Nate Trauntvein have begun work on a volunteer retention and satisfaction research project for 4-H Youth Development.

Social Work

- Assistant Professor Patrick Shannon worked as an independent researcher/evaluator on the Courage to Care bullying prevention and civility promotion curriculum along with Extension Associate Professor Malcolm Smith and Field Specialist Rick Alleva.
PETER T. PAUL COLLEGE OF BUSINESS AND ECONOMICS
Dean Daniel Innis

- The Technology Technical Assistance and Training Team (i.e. Broadband Team) worked with the New Hampshire Small Business Development Center to cosponsor a statewide e-commerce conference that drew small businesses from across the state. Extension’s Shane Bradt, Charlie French, and Andre Garron presented sessions at the one-day conference in Nashua.

- Extension’s Ag and Natural Resources Business Team is collaborating with faculty from the Peter T. Paul School to develop staff training on marketing basics for agricultural and natural resource products and businesses.

UNH MANCHESTER
Dean Ali Rafieymehr

- Mary Tebo Davis, Extension community forestry field specialist, provides service learning opportunities to UNH Manchester staff and students through Manchester’s Adopt-A-Block program.

UNH GRADUATE SCHOOL
Dean Harry Richards

- Assistant Director Lisa Townson worked with Leitzel Center Director Karen Graham and Education and Outreach Specialist Erik Froburg, as well as EOS faculty Ruth Varner, to provide a workshop for Preparing Future Faculty on the importance of community engagement and broader impacts in their scholarly work.

OTHER UNH CENTERS, INSTITUTES, AND UNITS
The Carsey Institute

- Extension Specialist Molly Donovan, Program Team Leader Charlie French, and other Extension Community and Economic Development experts partnered with Carsey Institute Director Bruce Mallory and NH Listens Associate Director Michele Holt-Shannon to facilitate community dialogues across New Hampshire, engaging more than 600 individuals through the Granite State Future project.

- Extension Community and Economic Development Program Team Leader Charlie French serves as Extension’s first Carsey Faculty Fellow and is collaborating with Research Associate Professor Curt Grimm to develop an issue brief to educate local and state decision-makers on opportunities and challenges surrounding statewide access to broadband Internet.

- Extension Specialist Molly Donovan is working with The Carsey Institute to develop a series of policy briefs on issues surrounding affordable housing, transportation, and land use as part of a community planning grant program managed by the New Hampshire Housing Finance Authority.

- Extension Professor Debbie Luppold is working with Barb Wauchope and Eleanor Jaffee to complete an evaluation of Nutrition Connections program graduates.
• Extension Professor Catherine Violette prepared and submitted a grant proposal in response to the USDA Rural Health and Safety RFA in May 2012. Research Associate Professor Barbara Wauchope of The Carsey Institute was co-PI on the proposal to develop an online community of practice for rural health professionals and volunteers who are working on obesity prevention.

• Chris Keeley is working with Director Bruce Mallory and Michele Holt-Shannon of New Hampshire Listens on a two-year project in collaboration with the town of Exeter to help the community prepare for climate change. The project, titled “A Climate Adaptation Plan for Exeter,” is funded by the National Estuarine Research Reserve System’s Science Collaborative. It also involves UNH faculty Paul Kirshen, Cameron Wake, Dave Burdick, Steve Jones, and Semra Aytur.

Earth, Oceans, and Space Institute

• Extension Professor Julia Peterson assisted with engagement and evaluation of engagement processes for a multi-disciplinary mapping project led by UNH faculty Cameron Wake (EOS); Robert Roseen and Ann Scholz (both formerly of the UNH Stormwater Center); Fay Rubin (CSRC), and others. The project resulted in the creation of new 100-year floodplain maps for the Lamprey River watershed based on current and projected precipitation rates and land use.

• Extension’s Julia Peterson, Amanda Stone, Chris Keeley, and Alyson Eberhardt are members of the New Hampshire Coastal Adaptation Workgroup, a coalition of 19 organizations and agencies assembled to assist coastal communities in improving their climate change preparedness. Other members of the coalition include UNH faculty members Cameron Wake (EOS) and David Burdick (Jackson Estuarine Lab). The coalition hosts regular workshops. The coalition also supported a Climate Ready Estuaries project funded by the Environmental Protection Agency that supported the work of Paul Kirshen of EOS.

• Research Associate Professor Cameron Wake provided climate science data and support to a two-year NERRS Science Collaborative Project called “Building the Capacity of Coastal Communities to Address Climate Change Risks Through the Use of Role-Play Simulations.” Extension/Sea Grant’s Chris Keeley is working with partners from the City of Dover and a team from the Great Bay National Estuarine Research Reserve, Massachusetts Institute of Technology, and the Consensus Building Institute to create and host role-play simulations with Dover community members to explore how the games can be used to initiate dialogue and effect thinking about climate adaptation planning.
Collaborative Partnerships with USNH Schools, Colleges & Other Units

Joan and James Leitzel Center for Mathematics, Science, and Engineering Education

- Research Associate Stephen Hale serves on the 4-H STEM advisory committee, assisting Extension youth development professionals with planning informal science curricula and projects. Hale has included 4-H youth development staff in grant proposals.

- 4-H youth development specialists are working through an EPSCoR grant to conduct STEM education in vulnerable urban afterschool and summer programs. Extension’s Mark Wiley serves on the STEM NH guidance committee, creating statewide STEM education coordination.

UNH Administration/Provost Offices

- Extension Professor Becky Sideman served on the search committee for the Executive Director for Engagement and Faculty Development, a new position created within the Office of the Senior Vice-Provost for Engagement and Academic Outreach. Sideman served alongside faculty from COLSA, EOS, CEPS, UNHM, and CHHS on this committee, which was co-chaired by faculty from the Paul College and the Provost’s Office.

- Extension’s Charlie French and Lisa Townson collaborated with Julie Williams, Senior Vice Provost for Research and Engagement, as well as faculty from across UNH, to evaluate community and scholarship outcomes of UNH engagement efforts. Their work will be published in the *Journal of Public Scholarship in Higher Education*.

- Extension Specialists Molly Donovan, Pete Erickson, and Malcolm Smith graduated from the Research and Engagement Academy.

- Extension Assistant Directors Ken La Valley and Lisa Townson worked closely with the Office of Research Development & Communications (Kathy Cataneo and Lynnette Hentges) to deliver faculty development workshops on strengthening the “broader impacts” sections of grant proposals through partnerships with UNH Cooperative Extension.

- Extension Assistant Director Ken La Valley serves on the steering committee for the Senior Vice-Provost for Research.
• Extension Assistant Director Lisa Townson served on the campus-wide committee for decennial reaccreditation of UNH through the regional accrediting body NEASC.

• The UNH Foundation and UNH Advancement, specifically, Susan McDonough, senior director of development for university initiatives, collaborated with Charlene Baxter, Extension development coordinator, and Wendy Brock, executive director of the 4-H Foundation of New Hampshire. The collaboration resulted in Cooperative Extension’s renewed commitment to develop and enhance private resource development efforts. Extension launched its first ever appeal in November 2012.

Water Resources Research Center

• Extension Program Team Leader Charlie French and Chris Keeley are working with Professor Bill McDowell and Research Scientist Michelle Daley on a project to identify non-point sources of nitrogen in the Great Bay Estuarine System, with the goal of helping local decision-makers find creative solutions to reducing nitrogen inputs into Great Bay.

Stormwater Center

• Stormwater Center faculty James Houle, Tim Puls, and Alison Watts, and Extension/NH Sea Grant’s Chris Keeley are working on the two-year project “Green Infrastructure for Sustainable Coastal Communities,” funded by the NERRS Science Collaborative. The project helps New Hampshire coastal communities address stormwater impacts. Other partners include the Great Bay National Estuarine Research Reserve, Rockingham Planning Commission, Antioch University, and Geosyntec Consultants.

Other

• Extension Program Coordinator Malin Clyde is working with Professor Kevin Gardner on a National Science Foundation EPSCoR proposal to train volunteers in citizen science. The work will begin in the fall of 2013.

• Extension specialists Andre Garron, Shane Bradt, and Molly Donovan are working with Fay Rubin, David Foote, and Michael Blair of the New Hampshire Broadband Mapping and Planning Program at UNH to provide technology training and resources to small businesses and local governments to help increase their efficiency and bottom line.

• Extension Program Team Leader Charlie French worked with Fay Rubin and David Foote on a Granite State Poll that included a panel of questions on technology needs and Internet access across the state.

OTHER USNH OUTREACH EFFORTS

Granite State College – Interim Administrator Kathleen Mullin

• Extension Field Specialist Seth Wilner and Program Team Leader Amy Ouellette are working in conjunction with Extension Web & Media Specialist Faye Cragin and GSC Instructional Designer Chuck Bagley to develop and implement a course for Extension staff on delivering online educational programming in Extension.
Keene State College – President Anne Hout

- Extension Field Specialist Steve Roberge led a half-day forest management field trip for Assistant Professor William Fleeger’s environmental science class. In addition, Roberge holds periodic workshops on forestry topics at KSC.
- Extension Nutrition Connections Program Associate Christine Parshall works extensively with KSC dietetic interns, serving as preceptor for community nutrition experiences and speaking in classes occasionally.

Plymouth State University – President Sara Jayne Steen

- Annette Holba, professor of communications, worked with Kathy Jablonski, Extension field specialist (Grafton County) to judge a 4-H public speaking competition.
- Extension’s Mary Tebo Davis, community forestry field specialist, worked with planner and adjunct professor Steve Whitman on permaculture education, including the urban Permaculture Design Charrette in Franklin, New Hampshire.
- Extension Nutrition Connections Program Associate Brenda Carey mentored a PSU student in a 45-hour Health Promotion clinical rotation in the spring of 2013. The intern assisted with all aspects of planning, prepping, and implementing a “Cooking Matters for Families” class series that involves teaching limited income adults and children how to cook and eat healthy foods affordably.
- Extension’s Charlene Baxter and other members of the Extension Community & Economic Development team engaged Center for Rural Partnerships Director Benoni Amsden in the 2013 Community Development Academy, with future plans to jointly develop training for community leaders on basic community development principles and best-practices.
extension.unh.edu