UNH Research 2012
A digest of the year’s research news from the University of New Hampshire

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

This report is produced by the Research Development and Communications unit of the UNH Research Office.
Find it on the Web at http://www.unh.edu/research/UNH-Research-Digest.
Health, Behavioral & Social Sciences

**A Community Approach: Improving the Health and Wellness of People with Learning Disabilities**


Nursing student Kristen Manning ‘12 spent time in Northern Ireland discovering new ideas and treatments for learning disabilities.

**Accessing the Past as Landscape: The Danish Bog Bodies and Modern Memory – Jillian Price**


This article in the UNH undergraduate research journal *Spectrum* investigates variations on place-making in the museum presentation of the well-preserved bodies of Danish bog sites. Jillian Price ‘13 writes, “By telling these individuals’ stories, museum exhibits and visitors alike imagine and create place in a seemingly more real way: by imagining individuals’ lives, they transform the past into a relatable and accessible place where other humans acted, thought, and made meaning.”

**Alynna Lyon – Political Science – Portugal**

[http://unh.edu/cie/alynna-lyon](http://unh.edu/cie/alynna-lyon)

Alynna Lyon, associate professor, traveled to Portugal to collaborate with other scholars on a project that examines the legacy of Portuguese colonialism in contemporary church/state relations, and to present their research at the Third International Studies Conference at the University of Porto.

**Annie Donahue – UNHM Humanities – England/Scotland**

[http://unh.edu/cie/annie-donahue](http://unh.edu/cie/annie-donahue)

Annie Donahue, associate professor, presented a paper at a conference at the University of York in England, shared her research with librarian-scholars from across the world at the Northumbria Conference, and explored the Celtic connections on the Isle of Iona in Scotland.

**Any Student. Any Place. Any Time.**

[http://www.unh.edu/unhtoday/2012/03/any-student-any-place-any-time](http://www.unh.edu/unhtoday/2012/03/any-student-any-place-any-time)

The Hamel Center for Undergraduate Research has awarded grants to students in 70 different majors. Georgeann Murphy, Hamel’s Coordinator for International Research, emphasizes the inclusive nature of this opportunity: “It doesn’t have to take place in a lab. It doesn’t have to take place in a library.”
Approaches to Sensory Landscape Archaeology – Jessica Faycurry
http://www.unh.edu/anthropology/index.cfm?id=45E1F3C1-ADD7-A62A-83FBA4E476DCAFAD

This article by Jessica Faycurry ’12 in the UNH undergraduate research journal Spectrum explains the phenomenon of sensory landscape archaeology, a way of understanding the past by investigating the effects of places and things on people’s senses. Sensory landscape archaeology considers the potential roles that textures, smells, sounds, tastes, and other less tangible visual qualities, like shimmer, played in informing the choices people made in past societies.

Carsey Institute at UNH: Lack of Sick Leave to Care for Children Creates Tough Choices for Parents
http://www.unh.edu/news/releases/2012/jun/as12carsey.cfm

More than half of employed parents lack at least five days of paid sick time to care for their children, with mothers more often than not missing more work than fathers to stay home with a sick child, according to new research conducted by Kristin Smith, family demographer at UNH’s Carsey Institute and research assistant professor of sociology, and Andrew Schaefer, research assistant at the Carsey Institute.

Related Research Areas: Business & Technology

Carsey Institute at UNH: More Inexperienced Teachers Found in Rural, Poor, and High-Minority Schools
http://www.unh.edu/news/releases/2012/jul/em17carsey.cfm
http://www.unh.edu/unhtoday/2012/07/carsey-institute-unh-more-inexperienced-teachers-found-rural-poor-and-high-minority-schools

Schools in rural and poor areas as well as those with a high number of minority students employ a higher percentage of beginning teachers than schools without those characteristics, according to new research conducted by Douglas Gagnon, doctoral candidate in education at UNH and research assistant at the Carsey Institute, and Marybeth Mattingly, director of research on vulnerable families at the Carsey Institute and research assistant professor of sociology at UNH.

Carsey Institute at UNH: Suburban Students Outpace Rural and Urban Peers in Math
http://www.unh.edu/news/releases/2012/jun/lw19carsey_math.cfm
http://www.unh.edu/unhtoday/2012/06/carsey-institute-unh-suburban-students-outpace-rural-and-urban-peers-math

New research shows that American students living in the suburbs are outpacing their urban and rural counterparts in mathematics achievement, with Asian and white students scoring the highest among all races and ethnicities, and students from higher socioeconomic backgrounds doing better overall.
Carsey Institute: Americans' Knowledge of Polar Regions
Up, But Not Their Concern
http://www.unh.edu/news/cj_nr/2012/feb/lw07polar.cfm
http://unh.edu/news/campusjournal/2012/Feb/08polar.cfm

Americans’ factual knowledge about the polar regions of the globe has increased since 2006, but this has not translated into more concern about changing polar environments.

Related Research Areas: Sustainability & the Environment

Carsey Institute: Earned Income Tax Credit Program Promotes Healthier Children
http://www.unh.edu/news/cj_nr/2012/may/lw15eitc.cfm
http://unh.edu/news/campusjournal/2012/May/16eitc.cfm
http://www.unh.edu/unhtoday/2012/05/carsey-institute-earned-income-tax-credit-program-promotes-healthier-children

New research conducted by Associate Professor of Economics Reagan Baughman shows that access to state-level Earned Income Tax Credits (EITCs) results in healthier children.

Related Research Areas: Business & Technology

Carsey Institute: More Than 16 Million Children in Poverty in 2011
http://www.unh.edu/news/releases/2012/sep/lw20carsey.cfm#ixzz271whD7ZC

Between 2010 and 2011, the child poverty rate rose modestly across the nation to 22.5 percent. Today 16.4 million children live in poverty; 6.1 million of them are under age six. It is important to understand young child poverty specifically, as children who are poor before age 6 have been shown to experience educational deficits and health problems, with effects that span the life course.

Research Profile:
For Meghan Howey, the Past is Powerful


Credit: Meghan Howey

Credit: Wikimedia Commons

Carsey Institute: N.H. Population Growth Slows to 50-Year Low
http://www.unh.edu/news/cj_nr/2012/apr/lw30nhdem.cfm
http://unh.edu/news/campusjournal/2012/May/02growth.cfm
http://www.unh.edu/unhtoday/2012/05/carsey-institute-nh-population-growth-slows-50-year-low

According to a new, extensive report from the UNH Carsey Institute in partnership with the New Hampshire Endowment for Health and the New Hampshire Charitable Foundation, New Hampshire’s population growth has slowed to its smallest gains since the 1950s because fewer people are moving to the state. Among many other findings, the research also predicts a rapid increase in the older population, and reveals a moderate but concentrated growth in racial diversity.

Carsey Institute: Northern, Western N.H. Towns Most at Risk of Food Insecurity
http://unh.edu/news/campusjournal/2012/Apr/25food.cfm

Granite Staters in northern and western parts of New Hampshire are most at risk to experience food insecurity as a result of having fewer resources to buy the food that they need to stay healthy, according to new research from UNH’s Carsey Institute and the Children’s Alliance of New Hampshire.

Carsey Institute: Renters Feel Financial Squeeze After Recession
http://www.unh.edu/news/cj_nr/2012/may/lw22renters.cfm
http://unh.edu/news/campusjournal/2012/May/23carsey.cfm
http://www.unh.edu/unhtoday/2012/05/renters-feel-financial-squeeze-after-recession

More Americans who rent their homes are feeling the financial squeeze following the recession, with younger renters and Westerners feeling the most “cost burdened,” according to new research conducted by Jessica Bean, vulnerable families research associate at the UNH Carsey Institute.

Carsey Institute: Reported Child Abuse Claims Often Hard to Prove
http://www.unh.edu/news/cj_nr/2012/may/lw30childabuse.cfm
http://unh.edu/news/campusjournal/2012/May/30abuse.cfm

Researchers in the UNH Crimes Against Children Research Center (CCRC) and the Carsey Institute have found that only a quarter of all reported cases of child abuse have sufficient evidence to take action, with higher-income children in rural areas more likely than their urban counterparts to have a report of child abuse substantiated.

Credit: UNH Carsey Institute

Credit: UNH Crimes Against Children Research Center
Carsey Institute: Rural Population Growth Slowing, But Diversity Accelerating
http://www.unh.edu/news/cj_nr/2012/feb/lw21rural.cfm
http://unh.edu/news/campusjournal/2012/Feb/22carsey.cfm

Population growth in rural America slowed in the first 10 years of the 21st century, with rural areas growing by just 2.2 million – barely half the growth during the 1990s – but increasing in diversity, according to new research by Kenneth Johnson, Carsey Institute senior demographer and UNH professor of sociology.

CDC Grant to Support Health through NH-Based Programs
http://www.unh.edu/campusjournal/2012/09/cdc-grant-support-health-through-nh-based-programs

A new project to be conducted by the UNH Institute on Disability (IOD) will address health disparities for individuals with disabilities living in New Hampshire. The project, New Hampshire Disability and Public Health, is funded by a three-year, $900,000 grant from the Centers for Disease Control and Prevention.

Change by the Numbers
http://www.unh.edu/unhtoday/2012/02/change-numbers
http://www.unh.edu/liberal-arts/thecollegeletter/2012/feb/feature.html

UNH Demographer Ken Johnson is often called on by media sources like The New York Times, USA Today, and National Public Radio when they need someone to help the numbers come alive. Johnson brings this talent and enthusiasm for showing people “how the nation is changing” via data analysis to both his research and teaching.

Controlling Parents More Likely to Have Delinquent Children, UNH Research Shows
http://www.unh.edu/news/cj_nr/2012/feb/lw10delinquent.cfm
http://unh.edu/news/campusjournal/2012/Feb/15parents.cfm

According to new research from UNH, authoritarian parents whose child-rearing style can be summed up as “it’s my way or the highway” are more likely to raise disrespectful, delinquent children who do not see them as legitimate authority figures than authoritative parents who listen to their children and gain their respect and trust.

“Courage to Care” in 26 NH School Districts in First Year
http://www.unh.edu/unhtoday/2012/12/anti-bullying-program-gains-national-international-attention

Courage to Care, a revolutionary program to combat bullying in middle schools, was developed by UNH Cooperative Extension and launched in 2011. It already has been adopted by 26 New Hampshire school districts and others across New England and the Midwest. The nine-lesson program, based on research showing that empathy and caring for others can be taught, will be profiled in a documentary by South Korea’s Educational Broadcast System in 2013.
Crimes Against Children Research Center Receives $217,000 To Help Victims of Child Pornography

http://www.unh.edu/news/cj_nr/2012/jan/lw31ccrc.cfm
http://unh.edu/news/campusjournal/2012/Feb/01ccrc.cfm

The UNH Crimes Against Children Research Center (CCRC) has received a $217,000 grant from the Office for Victims of Crime at the U.S. Department of Justice (DOJ) to help the victims of child pornography by identifying promising treatment and policy responses to promote their recovery.

Dain LaRoche – Kinesiology – Brazil
http://unh.edu/cie/dain-laroche

Dain LaRoche, assistant professor, traveled to Rio Claro, São Paulo, Brazil with the support of the UNH Center for International Education. While there, he worked with researchers in the Laboratório de Biomecânica at the Universidade Estadual Paulista (UNESP) to develop a collaborative project on the role of leg strength and the biomechanics of gait in the elderly.

Despite End of Recession, Family Reliance on Wives’ Income Remains at Record Level

http://www.unh.edu/news/releases/2012/nov/lw04carsey.cfm

Despite the end of the Great Recession, American families still rely on the income of wives at record levels, with employed wives’ contribution to total family income holding steady at 47 percent, which is its highest level in decades, according to new research from the Carsey Institute at UNH. These findings, and the implications of wives as breadwinners for families and the workplace, are presented by Kristin Smith, family demographer with the UNH Carsey Institute and research assistant professor of sociology.

Related Research Areas: Business & Technology

Digging Garrison Ave

http://unh.edu/news/campusjournal/2012/Apr/25dig.cfm

On April 28, 2012, the anthropology department hosted UNH’s first community archaeology day, inviting people to help dig up UNH’s “lost campus.” Meghan Howey, assistant professor of anthropology, directed the project, which excavated the Garrison Avenue parking lot, former site of UNH dean and president Charles Holmes Pettee’s home.

Eun Kyeong Cho – Education – South Korea
http://unh.edu/cie/eun-kyeong-cho

Eun Kyeong Cho, assistant professor, traveled to South Korea to make a presentation titled “Recruitment, Preparation, and Retention of Early Childhood Teachers in the U.S.” at an international seminar and to continue a longstanding collaboration with researchers at the Korea Institute of Child Care and Education (KICCE).
Getting at the Essence: Professor Speaks About the Experience of Gender in a Social World
http://unh.edu/news/campusjournal/2012/May/16gender.cfm
http://www.unh.edu/liberal-arts/thecollegeletter/2012/may/tier1.html

In this year’s Lindberg Lecture, Charlotte Witt, professor of philosophy and humanities, explores how gender operates in our lives as social beings, arguing that our experience of gender and the resulting actions we take show that gender is the dominant aspect of our identity—stronger than any other aspect, even race or sexual orientation.

Grant Demonstrates Positive Outcomes for Youth with Autism in N.H., Maine
http://www.unh.edu/news/releases/2012/oct/mg10autism.cfm
http://www.unh.edu/campusjournal/2012/10/grant-demonstrates-positive-outcomes-youth-autism-nh-maine

A collaborative study conducted by researchers at the universities of New Hampshire and Maine has found that youth with autism spectrum disorders benefitted significantly from a family-centered transition services model, with 90 percent of participants finding employment after high school.

Gulf Coast Residents Say BP Oil Spill Changed Their Environmental Views, UNH Research Finds
http://www.unh.edu/news/cj_nr/2012/apr/lw12oilspill.cfm
http://unh.edu/news/campusjournal/2012/Apr/18oil.cfm
http://www.unh.edu/unhtoday/2012/04/gulf-coast-residents-say-bp-oil-spill-changed-their-environmental-views-unh-research-finds

UNH researchers have found that residents of Louisiana and Florida most acutely and directly affected by the BP Deepwater Horizon disaster have changed their views on other environmental issues as a result of the spill.

Related Research Areas: Sustainability & the Environment

Hamel Center: Passport to Opportunity
Part 1: http://www.unh.edu/unhtoday/2012/03/hamel-center-passport-opportunity
Part 2: http://www.unh.edu/unhtoday/2012/03/hamel-center-passport-opportunity-continued

UNH’s International Research Opportunities Program (IROP), based in the Hamel Center for Undergraduate Research, was launched in 1997. IROP was the first program of its kind at a U.S. university. In its first fifteen years, IROP has supported 133 students conducting research in 45 countries.

Harris Article Named Best in History of Psychology Journal
http://www.unh.edu/campusjournal/2012/09/harris-article-named-best-history-psychology-journal

Ben Harris’s article in the refereed journal History of Psychology documenting how Yale psychologist Arnold Gesell manipulated the photographic record to support his pro-eugenic views has been selected as "Best Article" in the 2011 volume by the journal's publisher. Harris is professor of psychology and affiliate professor of history at UNH.
How UNH’s Jeffrey Bolster Helped A Convicted Felon Shape Up and Ship Out

http://unh.edu/news/campusjournal/2012/May/23bolster.cfm
http://www.unh.edu/unhtoday/2012/05/how-unhs-jeffrey-bolster-helped-convicted-felon-shape-and-ship-out


*Related Research Areas: Humanities & the Arts*

Howey Pens Book on Earthen Structures

http://www.unh.edu/campusjournal/2012/10/howey-pens-book-earthen-structures

The University of Oklahoma Press recently published *Mound Builders and Monument Makers of the Northern Great Lakes, 1200–1600* by Meghan Howey, assistant professor of anthropology/archaeology. In the book, Howey shows how indigenous communities of the northern Great Lakes used earthen structures as gathering places for ritual and social interaction, thus helping maintain connections between these egalitarian societies.

*Into the Bush*

http://www.unh.edu/liberal-arts/thecollegeletter/2012/sept/feature.html

Part 1: http://www.unh.edu/unhtoday/2012/09/bush

Part 2: http://www.unh.edu/unhtoday/2012/09/bush-continued

Joel Hartter’s research based in Uganda’s seven national parks in the area known as the Albertine Rift has led to some interesting experiences for the geographer—including encounters with baboons, hippos, poachers, and African spotted fever.

*Related Research Areas: Sustainability & the Environment*

Know a Teen Hurt by a Date? Someone Else Has Been Hurting Them Too, UNH Research Finds

http://www.unh.edu/news/cj_nr/2012/feb/lw13dating.cfm
http://unh.edu/news/campusjournal/2012/Feb/15date.cfm

Teen victims of dating violence are much more likely to have been victims of other forms of violence, such as sexual violence and child abuse, according to new research from the UNH Crimes Against Children Research Center (CCRC).

Legal Study Supports Adoption of New Floodplain Maps by N.H. Coastal Communities


A new report written by faculty and students at the Vermont Law School in collaboration with UNH faculty and staff indicates that towns in the Lamprey River watershed can legally use recently updated 100-year floodplain maps to make land-use decisions.

*Related Research Areas: Sustainability & the Environment*
Manifestations of Ideational Landscapes: Heaven, Hell and Film – Hillary Christopher
http://www.unh.edu/anthropology/index.cfm?id=45E1F3C1-ADD7-A62A-83FBA4E476DCAFAD

This article by Hillary Christopher ’13 in the UNH undergraduate research journal Spectrum argues that the general concept of ideational landscapes can provide insight into how humans create communal places, and explores ideational landscapes as a collective set of thoughts, desires, and social manifestations.

Related Research Areas: Humanities & the Arts

Matthew Richards – Coaching Education and a Survey of Youth Sport Coaches’ Perceptions of their Coaching Efficacy

Matthew Richards ’12 discusses youth coaching, highlighting the need for a youth coaching education program to address and improve upon weaknesses and to positively impact the lives and sport experiences of youth.

Meghan Howey – Anthropology – Uganda
http://unh.edu/cie/meghan-howey

Meghan Howey, associate professor, travelled to Uganda to conduct archaeological and paleoecological research on the deep history of human-environment interaction in the Ndali crater lake landscape of western Uganda.

Related Research Areas: Sustainability & the Environment

Michelle Grenier – Kinesiology – Scotland
http://unh.edu/cie/michelle-grenier

Michelle Grenier, associate professor, traveled to Scotland to conduct research examining the primary issues encountered by Scottish physical education teachers and strategies they employed when teaching students with autism spectrum disorders. She plans to compare Scottish practices with those used in the U.S.

More Americans Claiming Earned Income Tax Credit
http://www.unh.edu/news/releases/2012/dec/lw11carsey.cfm

More Americans have claimed the Earned Income Tax Credit on their tax returns in recent years, an increase researchers at the Carsey Institute at UNH and the Brookings Institution attribute to the Great Recession and policy changes that broadened eligibility and increased benefits as a result of the American Recovery and Reinvestment Act (ARRA).

Related Research Areas: Business & Technology
More Speed or Just Sore Feet?
http://www.unh.edu/unhtoday/2012/08/more-speed-or-just-sore-feet

Associate Professor Tim Quinn, graduate student Corie Mae Callaluca, and undergraduate Neil Baroody ’13 compared the efficiency of running barefoot—an increasingly popular, although controversial, practice—with running in shoes.

New Hampshire Residents Strongly Believe State Tax Dollars Should Help Keep Public Colleges Affordable, New UNH Poll Finds

64% of Granite State residents did not agree with the state legislature’s decision to cut funding by 50 percent for public colleges and universities in New Hampshire, according to a Granite State Poll conducted by the UNH Survey Center in August.

New Project Will Improve Newborn Screening for Heart Disease Throughout New England
http://www.unh.edu/news/releases/2012/oct/mg25newborn.cfm
http://www.unh.edu/campusjournal/2012/10/new-project-will-improve-newborn-screening-heart-disease-throughout-new-england

A new project led by UNH’s Institute on Disability (IOD) will develop processes for newborn screening for critical congenital heart disease (CCHD) that will set the stage for improved health outcomes for newborns with CCHD and their families living in Maine, New Hampshire, Vermont, Rhode Island, and Connecticut. The New England CCHD Newborn Screening Project is funded by a three-year, $900,000 grant from the U.S. Department of Health and Human Services, Health Resources and Services Administration.

New Twist on Grimes Family Fund Supports Faculty-Student Research
http://www.unh.edu/unhtoday/2012/04/new-twist-grimes-family-fund-supports-faculty-student-research

Bryan Ness, assistant professor of communication sciences and disorders (CSD), and CSD major Michelle Rosenberg ’13 were the first faculty-student research team to benefit from a stipend from the newly expanded Grimes Family Fund, creating and implementing Strategies for College Learning, an intervention for UNH students on the autism spectrum who are struggling academically.

NFL Taps UNH’s Swartz to Advise on Head, Neck, Spine Injuries
http://www.unh.edu/news/cj_nr/2012/feb/bp29spine.cfm
http://www.unh.edu/unhtoday/2012/02/nfl-taps-unhs-swartz-advise-head-neck-spine-injuries

Erik Swartz, associate professor of athletic training in the Department of Kinesiology and an expert on cervical spine injuries in contact sports such as football, recently joined the NFL’s Head, Neck and Spine Committee, one of several health and safety committees that advise NFL Commissioner Roger Goodell.
NH Farm to School Report: More Farms Bringing Greater Variety to NH Schools

http://www.unh.edu/news/releases/2012/sep/bp17farms.cfm

A recent survey by the New Hampshire Farm to School Program found that the number of New Hampshire farmers providing food to local schools has tripled in the past three years, and the variety of foods the schools are offering has increased.

Related Research Areas: Agriculture & Biosciences

Olympic Landscapes: A Global Event on a Local Landscape – Krista Silva

http://www.unh.edu/anthropology/index.cfm?id=45E1F3C1-ADD7-A62A-83FBA4E476DCAFAD

This article by Krista Silva ’13 in the UNH undergraduate research journal Spectrum analyzes the impact on a city of hosting the Olympic Games, by using the analytical categories of conceptual, ideational, and constructed landscapes. Silva considers the desirability of becoming a host city, and the transformation of the land, not only to support the event itself, but also in relation to the use of the land afterward.

Parents Blame Child Sex Abuse Victims More if Perpetrator is Another Youth, UNH Research Shows

http://www.unh.edu/news/cj_nr/2012/feb/lw07ccrc.cfm
http://unh.edu/news/campusjournal/2012/Feb/08abuse.cfm

Parents are much more likely to blame or doubt their child when he or she has been sexually abused by another adolescent instead of an adult, according to new research from the UNH Crimes Against Children Research Center (CCRC).

Prison Talk

http://www.unh.edu/liberal-arts/thecollegeletter/2012/mar/feature.html

Prison is an institution that the humanities should have something to say about, says Courtney Marshall, assistant professor of English and women’s studies. Although there are over 2 million Americans behind bars, the most by far of any country in the world, incarceration is one aspect of American life that seldom makes it to the forefront of public concern.

Political Views Trump Facts for Some on Climate Change, New UNH Research Finds

http://www.unh.edu/campusjournal/2012/10/political-views-trump-facts-some-climate-change-new-unh-research-finds
http://www.unh.edu/news/releases/2012/oct/lw04hamilton.cfm

According to sociology professor Larry Hamilton’s latest findings, scientific facts help determine beliefs about an issue for some people. But for others, political views trump scientific facts and determine what information they will accept as true, a circumstance particularly prevalent when it comes to the issue of climate change.
Psychology Program Explores the Mind/Vision Connection
http://www.manchester.unh.edu/about/news/2012/psychology-program-explores-mindvision-connection

John Sparrow, associate professor of psychology at UNH Manchester [pictured on far right, with two unidentified colleagues], is working with three undergraduate students to decipher the illusion of motion-induced blindness – the phenomenon of stationary objects "disappearing" in the presence of a moving background.

State-of-the-Heart Social Work
http://www.unh.edu/unhtoday/2012/01/state-heart-social-work

UNH’s Center for Professional Excellence in Child Welfare (CPE) continues to build strong relationships with the New Hampshire Division for Children, Youth, and Families, and with the Division for Juvenile Justice Services, providing continuing education to active social workers and receiving research-enabling access to these divisions.

Students Discover "Lost UNH Campus"
http://www.unh.edu/news/cj_nr/2012/apr/lw26campus.cfm
http://www.unh.edu/unhtoday/2012/04/students-discover-lost-unh-campus

Students enrolled in the course The Lost Campus: The Archaeology of UNH are introduced to archaeology through fieldwork as well as readings and lectures. Digs conducted for this Discovery Program Inquiry course are the first-ever excavations of the UNH campus.

Studying Women’s Rights in Post-Mubarak Egypt
http://www.unh.edu/unhtoday/2012/09/studying-women%E2%80%99s-rights-post-mubarak-egypt

When Hannah Lawrence ’13 arrived in Cairo in June, supporters of democracy were still filling Tahrir Square and citizens faced a second round of voting to elect a new president. Lawrence, however, had traveled to Egypt to study an issue much less visible to Americans than the ongoing protests or political uncertainty: the status of women after the fall of longtime dictator Hosni Mubarak.

Supporting Undergraduate Research for 25 Years and Stronger Than Ever
http://www.unh.edu/unhtoday/2012/05/supporting-undergraduate-research-25-years-and-stronger-ever
http://www.unh.edu/unhtoday/2012/03/hamel-center-undergraduate-research-celebrates-25-years

With the Center’s assistance and grants, since 1987 some 3,000 undergraduates have been taking their research to a new level. Take an inside look at the Hamel Center for Undergraduate Research as it marks 25 years of serving UNH.
The Geoglyphs of the Atacama Desert: A Bond of Landscape and Mobility – Marika Labash
http://www.unh.edu/anthropology/index.cfm?id=45E1F3C1-ADD7-A62A-83FBA4E476DCAFA

This article by Marika Labash ’13 in the UNH undergraduate research journal *Spectrum* explores the creation and use of ancient Chilean geoglyphs, the impact of indigenous travelers on the landscape and, conversely, the impact that the landscape had on them.

The Tradition of Separate Burials in Ireland: Cilliní and Place – Emma Pankey
http://www.unh.edu/anthropology/index.cfm?id=45E1F3C1-ADD7-A62A-83FBA4E476DCAFA

This article by Emma Pankey ’13 in the UNH undergraduate research journal *Spectrum* describes the historical and place-based significance of *cilliní*, Irish burial grounds reserved for those excluded from consecrated Catholic burial grounds.

Underemployment Persists Since Recession, With Youngest Workers Hardest Hit
http://www.unh.edu/news/releases/2012/nov/lw13carsey.cfm

Underemployment has remained persistently high in the aftermath of the Great Recession with workers younger than 30 especially feeling the pinch, according to new research from the Carsey Institute at UNH.

*Related Research Areas: Business & Technology*

UNH Awarded $1.25M for Early Childhood Special Education
http://www.unh.edu/news/releases/2012/oct/lw11childhood.cfm#ixzz2A85rQ58W
http://www.unh.edu/campusjournal/2012/10/unh-awarded-125m-early-childhood-special-education

UNH has been awarded a five-year grant of $1.25 million from the U.S. Department of Education (US ED) for the Early Childhood Special Education Assistive Technology (SEAT) Project, which will prepare 40 early childhood special education teachers with a specialty in assistive technology. Early childhood special education is an area of critical teacher shortage both nationally and in the New England region. Leslie Couse, associate professor of education, will lead the project.

UNH Carsey Institute: Northern, Western N.H. Towns Most at Risk of Food Insecurity
http://www.unh.edu/news/cj_nr/2012/apr/lw25food.cfm

Granite Staters in northern and western parts of New Hampshire are most at risk to experience food insecurity as a result of having fewer resources to buy the food that they need to stay healthy, according to new research from the Carsey Institute at UNH and the Children’s Alliance of New Hampshire.

UNH Education Law Expert: Zero Tolerance is Not the Answer to Sexting
http://www.unh.edu/news/cj_nr/2012/feb/lw15sexting.cfm

Rigid, zero-tolerance policies to prevent sexting that do not allow for discretion and the ability to address sexting in the context of the situation are ineffective strategies for dealing with this troubling trend, according to UNH professor Todd DeMitchell, who studies legal issues in education.
UNH Joins Maine, Vt. Partners to Launch Regional Health Care Reform Network
http://www.unh.edu/news/cj_nr/2012/jan/bp26network.cfm

UNH’s New Hampshire Institute for Health Policy and Practice (NHIHPP), in partnership with organizations in Maine and Vermont, has received a grant from the Jessie B. Cox Charitable Trust Fund at The Boston Foundation to create a regional network to assist with health care reform efforts. The two-year grant, at $70,000 per year, will launch the Northern New England Network for the Promotion of Healthcare Access and Reform. The network will target four primary audiences: health care practitioners, businesses purchasing health insurance, people who use the health care system, and policymakers.

UNH Partnering on National Technical Assistance Center for Inclusive Education

The National Center on Inclusive Education (NCIE) at UNH’s Institute on Disability has received an $825,000 subcontract as part of a five-year, $24.5 million grant to the University of Kansas by the Office of Special Education Programs in the U.S. Department of Education (US ED). The NCIE will work with the University of Kansas and other national partners to establish the Schoolwide Integrated Framework for Transformation (SWIFT) Center, a national technical assistance center for inclusive education.

UNH Professor Pens Book on History of Fishing the Atlantic
http://www.unh.edu/news/releases/2012/oct/lw08bolster.cfm
http://www.unh.edu/campusjournal/2012/10/unh-professor-pens-book-history-fishing-atlantic

Since the Viking ascendancy in the Middle Ages, the Atlantic has shaped the lives of people who depend upon it for survival – and just as surely, people have shaped the Atlantic. In The Mortal Sea: Fishing the Atlantic in the Age of Sail, history professor W. Jeffrey Bolster takes us through a millennium-long environmental history of our impact on one of the largest ecosystems in the world.

UNH Receives $1.2M for Science Afterschool Program in Rural Areas
http://www.unh.edu/news/releases/2012/sep/lw26science.cfm#ixzz27foDSI5e
http://www.unh.edu/campusjournal/2012/09/unh-receives-12m-science-afterschool-program-rural-areas

UNH’s Department of Education has received a $1.2 million grant from the National Science Foundation (NSF) to implement a science-based afterschool program and to research whether the program improves science achievement in traditionally underachieving groups. The project will engage over 2000 rural and indigenous youth in afterschool programs across New England who will map sustainable practices within their communities. Participation in the project is expected to lead to stronger connections between science and their home and community lives for the youth. The interdisciplinary research team is led by Eleanor Abrams, professor of education.

Related Research Areas:
- Marine & Ocean Sciences
- Sustainability & the Environment
UNH Receives $1.8 Million Grant to Help English Learners in Nashua

http://www.unh.edu/news/cj_nr/2012/may/lw22grant.cfm
http://unh.edu/news/campusjournal/2012/May/23grant.cfm

UNH has received a $1.8 million National Professional Development grant from the Office of English Language Acquisition in the U.S. Department of Education (US ED) to upgrade the content and instructional skills of new and veteran teachers working with English learners in the Nashua public schools, particularly those teachers in the science, technology, engineering, and mathematics (STEM) content areas. Judy Sharkey, associate professor and associate director of teacher education at UNH, will serve as project director.

UNH Receives $3.4M to Address Gender Imbalance in STEM Faculty

http://www.unh.edu/news/releases/2012/oct/lw22stem.cfm
http://www.unh.edu/campusjournal/2012/10/unh-receives-34m-address-gender-imbalance-stem-faculty

UNH has received a $3.4 million ADVANCE Institutional Transformation (IT) grant from the National Science Foundation (NSF) to strengthen policies and implement practices to address gender imbalance in the faculty, primarily in the STEM disciplines of science, technology, engineering, and mathematics.

UNH Research: Increased Risk of Suicidal Thoughts Among Adolescents Appears Related to Recent Victimization

http://www.unh.edu/news/releases/2012/oct/lw19ccrc.cfm#ixzz2BezCw9hu

An increased risk among adolescents of suicidal ideation—thoughts of harming or killing oneself—appears to be associated with recent victimization, such as by peers, sexual assault, and maltreatment, according to new research conducted by the UNH Crimes Against Children Research Center (CCRC).

UNH Researcher Investigates Character Development with $1.1 Million Templeton Grant

http://www.unh.edu/news/releases/2012/sep/lw10grant.cfm#ixzz271yGOnbx
http://www.unh.edu/campusjournal/2012/09/unh-researcher-investigates-character-development-11-million-templeton-grant

Victoria Banyard, professor of psychology, will join researchers at Sewanee University and Marquette University to conduct a comprehensive evaluation of the worldwide Laws of Life Essay Contest to determine if the contest, sponsored by the Templeton Foundation, has a lasting impact on participants.

UNH Researcher Receives $360,000 to Study Strength Training in Elderly

http://www.unh.edu/news/releases/2012/aug/bp22elderly.cfm
http://unh.edu/news/campusjournal/2012/Aug/22elderly.cfm

Summer Cook, assistant professor of kinesiology at UNH, has received a grant of more than $360,000 from the National Institutes of Health (NIH) to study the effectiveness of two distinct strength-training regimens on older adults. The study will compare traditional resistance training exercises, in which participants build muscle strength by lifting heavy weights, to an innovative program that uses very light resistance coupled with blood flow restriction.
UNH Researcher Receives NFL Charities Grant to Advance Work on Football Equipment
http://www.unh.edu/news/releases/2012/sep/bp11football.cfm
http://www.unh.edu/campusjournal/2012/09/unh-researcher-receives-nfl-charities-grant-advance-work-football-equipment

NFL Charities, the charitable foundation of the National Football League owners, has awarded a grant to associate professor of kinesiology Erik Swartz to further his ongoing research on the implications of football helmet, facemask, and shoulder pad design on emergency care for injured players.

UNH Researcher: Gulf, Balkan Wars Add New Dimensions to War Trauma
http://www.unh.edu/news/cj_nr/2012/mar/lw19ptsd.cfm

A new book by Laurence French sheds light on the long-term psychological trauma experienced by the coalition force in recent wars in the Persian Gulf and Balkans that, when left untreated, can have deadly consequences. French is a senior research associate in UNH’s Justiceworks and a Vietnam-era disabled veteran.

Related Research Areas: Humanities & the Arts

UNH Researcher: The More We Know About Celebrities, the Less We Like Them
http://www.unh.edu/news/releases/2012/sep/lw25celebrities.cfm
http://www.unh.edu/campusjournal/2012/09/unh-researcher-more-we-know-about-celebrities-less-we-them

Celebrities who publicly support political candidates may want to think twice about doing so, according to Bruce Pfeiffer, assistant professor of marketing. He has found that those most vocal about political, religious, and social causes may pay with decreased popularity and a hit to their wallets.

Related Research Areas: Business & Technology

UNH Researchers Announce Success of Bullying Prevention School Curriculum
http://www.unh.edu/news/releases/2012/aug/em10bullying.cfm
http://unh.edu/news/campusjournal/2012/Aug/22bullying.cfm

Researchers at UNH believe they have made a significant breakthrough in reducing bullying and meanness in middle school students. A study of the Courage to Care program, which was developed by UNH Cooperative Extension, found students who participated in the program were less likely to pick on other students emotionally.

UNH Survey Releases Fourth Year of Data on State Mental Health System
http://www.unh.edu/news/cj_nr/2012/may/mg22survey.cfm
http://unh.edu/news/campusjournal/2012/May/23survey.cfm
http://www.unh.edu/unhtoday/2012/05/unh-survey-releases-fourth-year-data-state-mental-health-system

A new research report from UNH’s Institute on Disability (IOD), commissioned by the New Hampshire Bureau of Behavioral Health (BBH), documents the strengths of New Hampshire’s community mental health service system and identifies multiple critical issues that need to be addressed to ensure timely access to high-quality care.
UNH to Study Great Lakes Archaeological Sites via Satellite

http://www.unh.edu/news/releases/2012/oct/ds02greatlakes.cfm#ixzz28F8nQNLC
http://www.unh.edu/campusjournal/2012/10/unh-study-great-lakes-archaeological-sites-satellite

Funds from NASA's Space Archaeology program will be used by Michael Palace of the Institute for the Study of Earth, Oceans, and Space (EOS) Earth Systems Research Center (ESRC), Meghan Howey of the department of anthropology, and post-doctoral researcher Crystal McMichael of ESRC to investigate the transition of indigenous hunter-gatherer cultures in the U.S. Great Lakes region to agricultural-based communities prior to European contact between AD 1200 and AD 1600.

Related Research Areas: Space; Sustainability & the Environment

Unique Program Connects N.H. Campers with Incarcerated Fathers

http://www.unh.edu/unhtoday/2012/08/unique-program-connects-nh-campers-incarcerated-fathers

Camp Spaulding, a collaborative effort of UNH’s Department of Family Studies and the New Hampshire Department of Corrections, is a program that allows children to spend two days in prison with their dads who are incarcerated in New Hampshire state prisons.

Where Project54 Is Now

http://unh.edu/news/campusjournal/2012/Jun/13project54.cfm

The next step for Project54, a system that was developed in UNH’s Consolidated Advanced Technologies Laboratory (CATlab) to operate patrol cars’ equipment – radio, siren, lights, radar, etc. – with voice commands, is determining how the computers should respond. Andrew Kun, associate professor of electrical and computer engineering and Project54’s principal investigator, says one of the next pieces of the work is figuring out what kinds of answers computers should give in response to voice commands.

Related Research Areas: Business & Technology

You are What You Eat…and Breathe…

http://www.unh.edu/unhtoday/2012/02/you-are-what-you-eat%E2%80%A6and-breathe%E2%80%A6

Michaela Barhite ‘12, a nutrition major, is breaking new ground with her research of the correlation between environmental chemicals and weight gain in college students.

Related Research Areas: Agriculture & Biosciences; Sustainability & the Environment