

Hands on discovery

Matt Joeckel, professor in the School of Natural Resources Conservation and Survey Division and the Department of Earth and Atmospheric Sciences, talks about the drill bits used to retrieve core samples and drill wells during the Oct. 21 Sunday with a Scientist program at Morrill Hall. The program, which also included James Goeke, emeritus hydrologist with the Conservation and Survey Division, focused on the Ogallala Aquifer. Along with drilling information, the scientists presented core and sediment materials and demonstrated how pumping wells effect the aquifer. The next Sunday with a Scientist program is Nov. 18 and will feature Paul Johnsgard, emeritus professor of biological sciences, discussing birds.

<http://go.unl.edu/sundayscientist>



SCARLET N

The monthly newspaper for faculty and staff of the University of Nebraska-Lincoln

www.unl.edu/scarlet

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Master planners offer three concepts

Feedback to shape schemes into two proposals that will be presented in November

Plan Concepts

The three UNL master plan concepts devised by Sasaki Associates are:

Crossroads — Align UNL on two primary pathways through campus

Mall — Emphasize existing grid networks and enhance pedestrian mall areas.

Precincts — Divide campus into academic-specific areas organized around central open (green) spaces.

Read more on Page 6 or go online to <http://planbig.unl.edu>.

By Troy Fedderson
University Communications

Campus planners are seeking feedback on conceptual frameworks presented during UNL Campus and Landscape Master Plan open houses on Oct. 24-25.

The concepts — based on cross-road, precinct and mall schemes — were developed by Sasaki Associates of Watertown, Mass. Sasaki is the planning/design firm creating the new campus and landscape master plans.

The concepts were developed after several meetings with campus administrators, campuswide open houses in September, and faculty, staff and student feedback received directly and online. Sasaki employees also reviewed

previous campus master plans, starting with the Shepley-Rutan-Coolidge Master Plan of 1914.

Each scheme was applied to City and East campus, creating six concepts in total.

The crossroads scheme would realign campus along primary spines through each campus. The precincts scheme would divide the campuses into themed academic areas. And the mall scheme would emphasize the existing grid networks and enhance pedestrian mall areas on both campuses.

Jennifer Dam, assistant director of campus planning and space management, stressed that the plans are not to be taken literally, but instead conceptually.

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An image from the City Campus "Precincts" concept presented by Sasaki Associates during Oct. 24 and 25 open house sessions. Learn more at <http://planbig.unl.edu>.

Research Fair expands to four days

By Ashley Washburn
Research and Economic Development

The Fall UNL Research Fair is loaded with opportunities to celebrate successes, learn about new research initiatives, resources and opportunities, and hear about National Science Foundation programs and priorities.

The 12th Research Fair, originally slated for Nov. 7-8, is being expanded to include a Nov. 6 workshop on algae biofuels and bio-products and a Nov. 9 celebration of nanoscience at UNL. Events on Nov. 7-8 include a faculty recognition breakfast, a social and behavioral sciences workshop, National Science Foundation Day at UNL, a supercomputing symposium and events for postdocs. All events are in the Nebraska Union and the Jackie Gaughan Multicultural Center.

Sponsored by the Office of Research and Economic Development in cooperation with campus partners, Research Fair is a campuswide celebration of research, scholarship and creativity. Events are free to the public but some require advance registration. Visit the Research Fair website —

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Ancient Greeks/Modern Lives Project Aquila Theatre Group



A volunteer in a mask participates in the Oct. 17 "Ancient Greeks/Modern Lives" performance workshop in the Lincoln Veterans Administration auditorium, 600 S. 70th St. The program was organized by Anne Duncan and the New York-based Aquila Theatre.

Duncan reaches out to veterans

Anne Duncan probably can't count the times she's read Homer's "Iliad," Aeschylus' "The Oresteia" or other ancient texts central to her work as a classicist. But these days, she's seeing them through new eyes and helping others find meaning in them, too.

The associate professor of classics and religious studies is invested in a unique outreach project, one that aims to help veterans grapple with post-traumatic stress disorder and other challenges of returning from combat. Benefiting, too, are those struggling with other life-altering traumas.

The project is called "Ancient Greeks/Modern Lives" and is one of many across the country — the only one in Nebraska — organized by the New York-based Aquila Theatre Group. Aquila has partnered with classics professors in 100 U.S. cities over three years in its mission to present perfor-

One of U

An ongoing Scarlet series that features stories about the lives and work of faculty and staff at UNL. Submit "One of U" story ideas to tfedderson@unl.edu or 402-472-8515



Duncan

mances, host workshops, and stimulate discussion on this important topic.

Aquila, which specializes in the classics and pursues outreach to traditionally underserved audiences, is supported in this effort with a grant from the National Endowment for the Humanities. Duncan, in turn, partnered with Dr. Christine Emler, associate chief of medicine at the Lincoln clinic of the VA Nebraska-Western Iowa Health Care System to host the events. Such activities are part of patient-centered care and focus on the patient as a whole person and not just a disease, Emler said.

They began with a book club in August. Doctors, nurses, psychologists, Vietnam veterans and widows have filled the seats, bringing their life experi-

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Story by Jean Ortiz Jones | Photos by Troy Fedderson
University Communications

\$84M contract links NU research to DoD projects

University Communications

An initial contract worth up to \$84 million over the next five years will allow University of Nebraska researchers to work on U.S. military projects and could transform the university into a major player in national scientific and medical research.

The contract was announced Oct. 11 by James B. Milliken, NU president, and Gen. C. Robert Kehler, commander of United States Strategic Command.

The partnership between NU and StratCom (located at Offutt Air Force Base) creates a University-Affiliated Research Center. The UARC will serve as a primary research and development center that supports U.S. Strategic Command missions to deter and detect strategic attacks against the United States and its allies, and to defend the nation as needed.

Through the UARC — which is housed in the university's National Strategic Research Institute, approved in May by the NU Board of Regents — the university will provide research and development services for StratCom in areas of demonstrated strength. These areas, which are critical to national security, include: nuclear detection and forensics, detection of chemical and biological weapons, passive defense against weapons of mass destruction, consequence management, and space, cyber and telecommunications law.

The UARC is a universitywide initiative, drawing on a broad range of expertise from all four NU campuses. Faculty will have

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Wellness Initiative plans campuswide 'Pink Out' for Oct. 26

Pink, not red, is the color to wear on campus Oct. 26. The campus "Pink Out" is sponsored by the UNL Wellness Initiative to raise awareness about breast cancer.

Pink lemonade will be served from 12:15 to 12:45 p.m. in the Nebraska and East unions.

Faculty, staff and students can also par-

ticipate in the "Making Strides Against Breast Cancer" walk, 1 p.m. Oct. 28 at Holmes Lake Park. For more information, go to <http://wellness.unl.edu> or call 402-472-9480.

Preston, Werum named new vice chancellors for research

Kurt Preston and Regina Werum will soon join UNL as associate vice chancellors for research.

"We are pleased and excited to have attracted individuals with their expertise, enthusiasm and energy for our associate vice chancellor positions," said Prem S. Paul, vice chancellor for research and economic development. "They will play important leadership roles in helping UNL achieve its research and economic development growth goals."

Preston begins his duties in mid-November as associate vice chancellor for research focused on physical sciences and other defense-fundable projects. UNL is working to increase defense-related research funding as part of its broader goal of reaching \$300 mil-

lion in research expenditures by 2017, with at least half coming from federal agencies.

Since 2005, Preston has been division chief of the U.S. Army Research Office in Durham, N.C., where he oversees the University Research Initiative Program and directs

the Environmental Science Basic Research Program. As a program manager from 2002 to 2005, he led the office's review process for funding basic research proposals in engineering and physical, information and life sci-



Preston



Werum

North Carolina Central University.

Werum arrives in January to assume campus-wide responsibilities for research development, growth and compliance. She succeeds Deb Hamernik, who has served as interim

vice chancellor for research since June 2011. Hamernik will return to her responsibilities as associate dean in IANR's Agricultural Research Division in January.

Werum comes to UNL from Emory University where she is an associate professor of sociology and co-directed the Andrew W. Mellon Foundation Graduate Teaching Fellowship Program for five years. From 2010 through July 2012, she took leave from Emory to serve as program director for sociology in the National Science Foundation's Directorate of Social, Behavioral and Economic Sciences.

She earned a bachelor's degree in language/arts from Hope College, and a master's in sociology and doctorate in sociology and American studies from Indiana University.

ences. Preston also held U.S. Army posts related to environment, safety and health.

He earned a bachelor's degree in agriculture from the University of Georgia, master's and doctoral degrees in civil engineering from Purdue University and a Juris Doctor from

North Carolina Central University.

Busch named interim dean of libraries

Nancy J. Busch has been appointed to a three-year interim dean position at the University Libraries. The appointment, announced in August by senior vice chancellor Ellen Weissinger, became effective with the approval of the University of Nebraska Board of Regents at its Sept. 14 meeting.

A member of the UNL Libraries faculty and administration since 2003, Busch's responsibilities as associate dean included budget and personnel management, and supervision of staff development and diversity personnel. She served as deputy director of the Nebraska Library Commission from 1989 to 2003. Busch has also directed the Panhandle Library System in Nebraska, served as Gila County, Ariz., Library System director, and has served in numerous other libraries and states, including service with the Peace Corps in Nicaragua.

Former libraries dean Joan Giesecke announced her decision to step down on July 17.

http://go.unl.edu/rbn



Busch

Meisels to lead Buffett Institute

Samuel J. Meisels, one of the nation's leading authorities on the assessment of young children and early childhood development, has been named the founding executive director of the University of Nebraska's Buffett Early Childhood Institute.



Meisels

Meisels, currently president of Erikson Institute in Chicago, the country's premier graduate school in child development, will begin at the University of Nebraska on June 1, 2013. Prior to that date he will assist the university in beginning to develop staffing, strategy and other plans.

"We launched the Buffett Early Childhood Institute to become a national leader in early childhood education and development — to help create a more level playing field for at-risk children and families in Nebraska and beyond. Sam Meisels shares that vision and he is extraordinarily well-suited to lead the Institute," said James Milliken, NU president. "His extensive experience in teaching, research and advocacy; his outstanding reputation and expertise; and his passion for improving the lives of children and families will help us achieve our goal of becoming a national leader and model for public universities in addressing early childhood."

Meisels said the Buffett Early Childhood Institute is being created at exactly the right time.

"The institute has the philanthropic support, university backing, and applied research tradition that it needs to achieve its initial goals," Meisels said. "It provides us with a rare opportunity to move the field of early childhood forward to change the lives of children and families in Nebraska and beyond. I am deeply honored to take on this new challenge."

Meisels has served as Erikson Institute president since January 2002. Erikson, an independent higher education institution, prepares child development and family service professionals for leadership.



Shawn Eichorst, UNL's new director of intercollegiate athletics, talks with media during an Oct. 9 news conference in the Van Brunt Visitors Center. Eichorst will take over for Tom Osborne on Jan. 1.

Perlman names Eichorst next AD

UNL's new director of intercollegiate athletics Shawn Eichorst said he is honored and humbled to lead "one of America's best collegiate athletic programs at such a phenomenal university."

Citing UNL's strengths in athletics, research and education, Eichorst was introduced to the media during a news conference Oct. 9. He officially takes over as the Huskers' AD Jan. 1 when current director of intercollegiate athletics Tom Osborne transitions to an emeritus role.

"I don't think this is a place where you have to reinvent the wheel," Eichorst said. "My goal will be to make something that is already great better."

Eichorst plans to focus on learning more about the Husker culture in the next three months. To obtain that goal, he wants to work as closely as he can with Osborne.

"A thank you to Coach Osborne for his support and willingness to let me learn from a legend," Eichorst said.

Eichorst also thanked his family, Chancellor Harvey Perlman, Husker coaches, fans and campus administrators.

"This is a special place, and a very special city in a very special state," Eichorst said.

Eichorst resigned as the University of Miami's athletics director to take the Nebraska post. He has also served in athletic departments at the University of Wisconsin (deputy AD) and University of Wisconsin-Whitewater (AD). For more information on Eichorst, go to <http://go.unl.edu/eichorst>.

Osborne announced his retirement on Sept. 26. Read more about Osborne at <http://go.unl.edu/jww>.

Crews to retire as museum director, return to faculty

The International Quilt Study Center and Museum's founding director, Patricia Cox Crews, has announced her intention to retire as director and return to a full-time faculty position at UNL in fall 2013.

"I have had an immensely satisfying run as IQSCM's first director," Crews said. "It has been a privilege to work with a multi-talented and hard-working staff and a dedicated group of volunteers. I take pride in IQSCM's significant collections, increased funding in support of exhibitions and programs and its progress toward achieving accreditation by the American Alliance of Museums during my tenure. However, I have always loved teaching and research and look forward to remaining a part of that."



Crews

Crews joined UNL as an assistant professor in August 1984. From 1995 to 1997, she served as chair of the UNL Museum Studies Program. In 2000 she served as acting chairman of the Department of Textiles, Clothing and Design. She has taught numerous graduate and undergraduate classes and published five books and more than 60 journal articles and book chapters ranging from quilt studies and American textile history to textile conservation and the technical performance of textiles.

She was named the director of the International Quilt Study Center when it was approved by the University of Nebraska Board of Regents in June 1997. As its first director, Crews initiated biennial symposia, organized exhibitions, produced several

award-winning publications, developed a graduate program in quilt studies and helped build the center's endowment by securing a \$450,000 National Endowment for the Humanities Challenge Grant in 1997.

The IQSCM's endowment funds at the University of Nebraska Foundation have grown to more than \$2.5 million during Crews' tenure. She continued as director during the capital campaign and construction of a \$12 million landmark building to provide year-round exhibition space and house all activities of the center under one roof. The stunning new museum opened its doors on March 30, 2008.

Crews said she plans to take a sabbatical during fall semester 2013 and return to full-time teaching and research in Textiles, Merchandising and Fashion Design during spring semester 2014. An interim executive director will be appointed.

New Hires

UNL welcomes these new employees hired in September. For more information on the "New Hires" list, contact Troy Fedderson at tfedderson2@unl.edu or 402-472-8515.

Aaron Alai, Mechanical and Materials Engineering, research laboratory manager

Shari Aldrich, Journalism and Mass Communications, lecturer

Jennifer Barnason, Physics and Astronomy, staff secretary III

Lesley Bartlett, English, lecturer

Saira Bautista de Praciado, Sallack Facilities Operations, residence hall custodian II

Timothy Brodt, Center for Science, Math and Computer Education, testing center coordinator

Laura Chapman, International Quilt Study Center and Museum, communications coordinator

Peggy Coover, Center for Research on Youth, Families and Schools, science coach

Lisa Cordonier, Courtyards Facilities Operations, residence hall custodian II

Welcome • Dobrodošli • Willkommen • Vitāme vās • Fűnyhng • Tervetuloa • Aloha • Selamat datang • Fällte • Haykuykuy • Dobro pozdravot' • Hoan nghinh • E ku abo

Ellen Cox, Physics and Astronomy, accounting technician
Rachel Danay, University Television, department assistant
Michelle Eble, Construction Management, lecturer
Todd Feldman, Construction Management, lecturer
Megan Gannon, English, lecturer
Amanda Garrett, Educational Psychology, OQMMR coordinator
Carlos Gutierrez, Sallack Facilities Operations, residence hall custodian
Emily Hammerl, Anthropology, research assistant professor
Hannah Hassler, Admissions, special events assistant coordinator
Shawna Hays, Payroll Services, payroll technician
Michael Hebert, Special Education and Communication Disorders, assistant professor
Dennis Hensen, Biological Process Development Facility, project manager
Mary Hittle, Information Services, help desk associate
Robert Hock, Center on Children, Families and the Law, field training specialist

William Hurst, Holland Computing Center, systems administrator
Glenn Jackson, Technical Agriculture, assistant professor
Dorinda Johnson, Research, executive assistant
Matthew Kayode, Abel-Sandoz Residence Life, residence director
Sandra Kendall, Center for Research on Youth, Families and Schools, science coach
Jaime LaBrie, Food Science and Technology, research technologist II
Soon Chun Lee, Center for Research on Youth, Families and Schools, post-doc research associate
Youngjoo Lee, Textiles, Merchandise and Fashion Design, assistant professor of practice
Jodi Letkiewicz, Child, Youth and Family Studies, assistant professor
Matthew Loehr, Environmental Health and Safety, EHS technician
John Loy, Veterinary Diagnostic Center, assistant professor
John Mackiel, Educational Administration, professor of practice
Jane Miller, English as Second Language, lecturer

Melissa Olson, Center for Research on Youth, Families and Schools, science coach
Debra Payne, Management, lecturer
Barron Pearson, U.S. Meat Animal Research Center, ag research technician I
Donald Pearson, English as Second Language, lecturer
Sean Peterson, Information Services, help desk associate
Kimberly Pickering, 4-H Youth Development, associate extension educator
Noreen Popp, Technical Agriculture, food service associate I
Nancy Re, Engineering, personnel generalist
Ronald Robertson, Transportation Services, service attendant
Corey Rumann, Educational Administration, assistant professor of practice
Alexandra Seceleanu, Mathematics, research assistant professor
Jessica Shoemaker, Vice President/Vice Chancellor, associate director
Heather Steffens, Accounting, card programs coordinator

Adam Thimmesch, Law, assistant professor
Tian Tian, Construction Management, lecturer
Fungai Tongoona, Athletics, men's tennis assistant coach
Diemhong Tran, Cather-Pound-Neihardt Dining Service, dining service associate
Norris Tubbs, Computer Science and Engineering, managing director
Stephanie Vendetti, Center on Science, Math and Computer Education, events coordinator
James Volkmer, Admissions, assistant dean for business and finance
Rebecca Waldman, Arts and Sciences, office assistant
Thomas Walker, Village Facilities Operations, custodian II
Ming Wang, Advertising, assistant professor
JaMel Ways, Chemistry, office associate

Laura Wellington, University Press, compositor/production associate
Glenn Williams, Finance, assistant professor of practice
Carmen Zafft, Engineering, lecturer



P. Stephen Baenziger, professor of agronomy and horticulture, will give the fall Nebraska Lecture on Nov. 1. The talk begins at 3:30 p.m. in the Nebraska Union auditorium.

Baenziger's Nebraska Lecture is Nov. 1

By Ashley Washburn
Research and Economic Development

The statistic has become familiar: Food production will need to double by 2050 to feed an estimated global population of more than 9 billion.

It's a daunting, yet exhilarating, challenge for researchers addressing this major global issue.

During the fall Nebraska Lecture on Nov. 1, internationally known UNL small grains breeder P. Stephen Baenziger will explain the challenges of feeding the world, possibilities for expanding food production and science's role in solving these problems.

The free public lecture, "The Joy of Applied Science While Feeding the World," will begin at 3:30 p.m. in the Nebraska Union auditorium, with a reception following. A live webcast will be available at <http://research.unl.edu>. An archived video will be available for later viewing about a week after the event.

Baenziger said recognition of the challenge ahead in feeding the world has led to a new respect

for agriculture, which many have been unwilling to recognize as real science. In fact, he said, it's humans' "first science," and the one that made progress possible.

"I think you're going to see some of the very best minds coming to agriculture," he said.

Baenziger is the first faculty member to hold the Nebraska Wheat Growers Presidential Chair, an endowed professorship provided through a partnership between NUtech Ventures and Bayer CropScience. He leads UNL's widely known wheat breeding program and research to develop cutting-edge wheat breeding technologies and varieties. He also serves on the International Rice Research Institute's board of trustees.

The Nebraska Lectures, which feature distinguished UNL faculty, are designed for general audiences and provide insights about some of the university's leading research, scholarly and creative activity. Baenziger's lecture is sponsored by the UNL Research Council, Office of the Chancellor and the Office of Research and Economic Development.

DEFENSE

continued from page 1

the opportunity to participate if research aligns with federal funding opportunities. UARC research projects will be geared toward meeting StratCom's needs.

"I'm thrilled to support (StratCom) and the United States on important issues related to national security," said Prem Paul, vice chancellor for research and economic development. "Through the UARC, we look forward to leveraging UNL's tremendous research strengths in science and engineering and the social sciences."

Milliken said nearly 100 NU faculty have been identified as having research that could align with the center. That list includes UNL nanoscience researchers and the Diodes Extreme Light Laboratory team. UNL faculty already involved in the project include Donald Umstadter, professor of physics and astronomy and director of the Diodes lab; Matt Schaefer, profes-

sor of law and director of the Space, Cyber and Telecommunications Law program; and Mario Scalora, professor of psychology.

Only 14 U.S. institutions, including the University of Nebraska, host a UARC. All UARCs are affiliated with leading research universities, including the Massachusetts Institute of Technology, Johns Hopkins University and Penn State University. UARC universities are among the national leaders in research and development expenditures financed by the Department of Defense.

During an Oct. 17 UARC forum for faculty, Paul described the new contract as "a license to hunt" for Department of Defense funding. He also invited all UNL faculty to see if their research projects fit within StratCom's need areas.

"It is better for you to come forward and educate us about your projects, then we can see what makes sense and how it fits into the UARC," Paul said. "Let's explore all options. We have nothing to lose."

Umstadter said the award has

the potential to offer new opportunities for NU researchers.

"The UARC will give NU scientists like myself the opportunity to take the next step toward translating their academic research into real-world technologies."

Robert Hinson, who retired from the U.S. Air Force at the rank of Lieutenant General after serving for 33 years, is the founding executive director of NU's National Strategic Research Institute.

"It's not often one gets the opportunity to be on the leading edge of such an exciting new venture as the National Strategic Research Institute," Hinson said. "I'm very excited about being involved in this UARC, promoting the exceptional research capabilities of the university, and delivering potential solutions to some of the most challenging missions of (StratCom). I believe the University of Nebraska, through this UARC, is well-positioned to grow as one of the best research and development programs in the country."

"We're running biology labs with lab utilization rates averaging well over 100 percent and the amount of space per student is substantially below national benchmarks," said David Manderscheid, dean of the College of Arts and

the renovation of Brace Hall is being funded by the Office of the President, the Office of the Chancellor, and Office of the Senior Vice Chancellor for Academic Affairs.

Regents to consider Brace renovation plan

By Jean Ortiz Jones
University Communications

NU Regents

For more information on the NU Regents' Oct. 26 agenda, go to <http://nebraska.edu/board.html>

Sciences. "We need more space. It's pure and simple."

Besides accommodating growth, the new labs will open up opportunities to enhance the learning experience for students and that's exciting, said Valery Forbes, director of the School of Biological Sciences.

Because of overcrowding and the antiquated classroom environment, the current labs in Manter Hall limit the ability to implement the latest pedagogical methods proven effective for student learning, Forbes said. These teaching facilities have not been renovated since Manter Hall was built in the 1970s. The renovation of Brace Hall is a critical first step in helping to meet expected enrollment demands.

Instruction today depends on interactive, inquiry-based learning that arms students with the skills to think through and solve problems independently and while working in teams, she said.

"The renovation will allow us to design wet labs and interactive classrooms in which we can experiment with the newest forms of biology instruction," Forbes said. "Having access to state-of-the-art equipment and instruction will pay dividends for students down the line, both in better preparing them for more advanced study and for their future career pursuits."

Also in the plans are specialized classrooms to support advanced technologies and collaborative learning as part of the Technology Transforming Teaching initiative. Its goal is to explore, research, test and deploy new instructional technologies for use in classrooms and research. The initiative is a collaborative effort involving Information Services and the Office of Academic Affairs.

The renovation of Brace Hall is being funded by the Office of the President, the Office of the Chancellor, and Office of the Senior Vice Chancellor for Academic Affairs.

The next meeting of UNL's Faculty Senate is 2:30 p.m. Nov. 6 in the Nebraska Union auditorium. The meeting will feature an address by James B. Milliken, NU president. Committees expected to report are: Chancellor's Commission on the Status of Women, Chancellor's Commission

Milliken to address Faculty Senate

The next meeting of UNL's Faculty Senate is 2:30 p.m. Nov. 6 in the Nebraska Union auditorium.

The meeting will feature an address by James B. Milliken, NU president. Committees expected to report are: Chancellor's Commission on the Status of Women, Chancellor's Commission

on Environmental Sustainability, and the Research Council.

The meetings are open to the public.

For more information, go to <http://go.unl.edu/rb6>, send email to academicsenate@unl.edu or call 402-472-2573.

Next Scarlet publishes Nov. 15

The next edition of the Scarlet publishes Nov. 15. The deadline to submit items for publication is 4 p.m. Nov. 8.

The final Scarlet publication for

2012 is Dec. 13. The deadline to submit items is Dec. 6.

For more information, send email to tfedderson2@unl.edu or call 402-472-8515.

RESEARCH FAIR

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researchfair.unl.edu — for the latest schedule and online registration forms.

Nov. 7 kicks off with the Faculty Recognition Breakfast, which celebrates faculty successes from the past year. A buffet breakfast begins at 8 a.m., with a program at 8:30 a.m. Preregistration is required.

The day's signature event, the Enhancing Research Excellence in Social and Behavioral Sciences Workshop, is 10 a.m. to 2 p.m. with walk-in registration at 9:30 a.m. The workshop will begin with an overview of UNL's new Social and Behavioral Sciences Research Initiative. The initiative's aim is to bring together faculty with diverse expertise to form large-scale collaborations and to build on UNL's strengths in these areas to enhance UNL's research excellence and competitiveness for external funding.

Speakers from Pennsylvania State University, University of Iowa and University of Michigan will share their experience establishing social science-related research centers at their institutions. Following lunch, faculty will break into groups to discuss ideas for shaping UNL's new Social and Behavioral Sciences Research Initiative.

The National Science Foundation takes center stage Nov. 8. NSF Day at UNL, from 7:30 a.m. to 4:30 p.m., is an opportunity for faculty and others interested in seeking NSF funding to learn about its mission, priorities and budget.

Speakers include representatives from the seven NSF directorates, the Office of International Science and Engineering and the Office of Integrative Activities.

Advance registration for NSF Day at UNL is due to NSF by Nov. 1. The registration fee will be waived for UNL faculty, staff and students. Go to the NSF Day website to register and view the agenda.

On Nov. 9, UNL will host officials from the National Institute of Standards and Technology for a celebration of the new Voelte-Keegan Nanoscience Research Center at UNL. Primary funding

for the building was provided by NIST via a \$6.9 million competitive grant. Speakers for the 10:45 a.m. celebration at the Nebraska Union include Stella Fiotes, with NIST's Office of Facilities and Property Management; and a keynote presentation, "Thinking Big about Small Things," by Lloyd Whitman, deputy director of NIST's Center for Nanoscale Science and Technology.

Other speakers and events include:

• Nov. 6, 1-5 p.m.: Forging Partnerships toward Advanced Algae Biofuels and Bioproducts in the Midwest. The Nebraska Center

for Energy Sciences Research will host an afternoon workshop featuring presentations from representative of industry, the U.S. Department of Energy, Los Alamos National Laboratory and UNL faculty. The goal is to explore opportunities for biofuels research. The session is open to all interested faculty, staff and students but preregistration is required.

• Nov. 7, 9:30 a.m.-2 p.m.: The Professional Skills Development for Postdocs Workshop, co-sponsored by the Office of Postdoctoral Studies. Guest speaker Keith Micoli, postdoctoral program director at New York University, will address career development and reshaping postdoctoral training in the 21st century. This track includes a post-doc/principal investigator awards luncheon. Registration is required. Walk-in registration begins at 9 a.m.

discussions on user issues. Lunch is included and registration is required.

• Nov. 7, 9:30 a.m.-2 p.m.: The Holland Computing Center Supercomputing Symposium will include PivOT tutorials and breakout sessions, a presentation from center director David Swanson and



<http://heuermannlectures.unl.edu>

WORKING TO MEET THE WORLD'S GROWING FOOD NEEDS
HEUERMANN LECTURES

**WHERE AMERICA MUST LEAD:
ENSURING THE WORLD CAN FEED ITS PEOPLE**

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3:30 P.M. THURSDAY, NOVEMBER 15

3:00 P.M. RECEPTION

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ANYONE WHO REQUIRES REASONABLE ACCOMMODATIONS UNDER THE AMERICANS WITH DISABILITIES ACT, PLEASE CONTACT JUDY NELSON AT 402.472.9031, OR JNELSON@UNL.EDU, TWO WEEKS PRIOR TO THE EVENT. THE UNIVERSITY OF NEBRASKA-LINCOLN IS AN EQUAL OPPORTUNITY EDUCATOR AND EMPLOYER.

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On the masthead
Pictured is the carved face in the lintel over the main entrance to Agricultural Hall. If you know of a part of UNL that should be featured in the Scarlet masthead, contact Troy Fedderson at tfedderson2@unl.edu or 472-8515.

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Submit news items, announcements, briefs and calendar events to scarlett@unl.edu or 472-8515. The deadline is 4 p.m., the Thursday before publication. Receipt does not guarantee publication. Editors edit for space, clarity, grammar and style. Address changes must be made within departmental offices on the personal data form.

How to place an ad

For classified advertising, call 472-8515. For display advertising, contact Troy Fedderson, editor, at tfedderson2@unl.edu or 472-8515. Complete advertising information is also available online at www.unl.edu/scarlet.

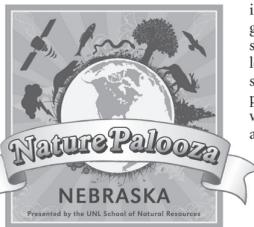
Next edition: Nov. 15 • Submission deadline: 4 p.m., Nov. 8

NaturePalooza Nebraska is Nov. 4

The University of Nebraska State Museum and the School of Natural Resources will host "NaturePalooza Nebraska" from 1:30 to 4:30 p.m. Nov. 4 at Morrill Hall.

"NaturePalooza Nebraska" provides a day of discovery and hands-on activities throughout the museum with stations staffed by Natural Resources faculty, staff, graduate and undergraduate students. Activities and games will help visitors better understand Nebraska's rich natural resources and ways to help protect them.

Scientists from various groups within the school will provide inter-



active stations that explain the science behind Nebraska's water, weather, and wildlife. Topics covered

include birds, fish, plants, geography, groundwater, conservation, invasive species, and more. Activities include: learning about Nebraska's native snakes; discovering what birds eat; pumping water through a ground-water flow model; experiencing how a weather station gathers data in real time; playing a game about drought; and learning about careers working in nature.

Admission to the museum is free for faculty, staff, students and immediate family. There is an additional charge for planetarium shows. For more information, go to www.museum.unl.edu.

Jugglemania to take over Lied 'FamFest'

The Lied Center for Performing Arts will present JuggleMania with Shoehorn at 7 p.m. Nov. 1. Tickets for the event include a pre-show FamFest starting at 5:30 p.m.

Children's activities will be set up around the Lied lobbies and food will be provided. Tickets are \$8 for children and \$16 for adults and may be purchased at the Lied Center Ticket Office, 402-472-4747 or www.liedcenter.org.

Jugglemania with Shoehorn combines the antic talents of two professionals — Rhys Tomas and Shoehorn (aka Michael Conley). The tandem make hilarious

physical and musical comedy look easy.

Thomas juggles anything he can, referring to his skills as "dancing with stuff." Shoehorn is a multi-talented musician who taps dances while simultaneously playing saxophone, clarinet, percussion or keyboards.

Pre-show activities will include plate spinning, scarf juggling, tap dancing, face painting and entertainment by the Lincoln Juggling Club. The event will also showcase the talent of On Approach, a three-piece ensemble that won Lincoln TeamMates' 2011 Talent for TeamMates competition. Group members are Jim Rhian, Ory Wickizer and Sam Costello.

Gallery features Rapkin's African art collection

"African Art in Unlikely Places: The David Rapkin Collection" is showing through Nov. 9 at the Eisentrager-Howard Gallery in Richards Hall. An opening reception is 5 to 7 p.m. Nov. 2 in the gallery. The reception, which is free and open to the public, will include a 6 p.m. gallery talk by Rapkin.

"African Art in Unlikely Places" includes 82 objects, ranging from figures, reliefs and masks made from

wood and metal to textiles made with raffia and indigo. The objects are from many regions of Africa, including Nigeria, the Democratic Republic of Congo, Mali, Liberia, Ivory Coast, Tanzania, Burkina Faso, Sierra Leone and Cameroon.

Rapkin is an associate professor emeritus at UNL, where he taught and researched in the areas of world politics and political economy for more than 30 years. He was also a vis-

iting professor at Tsukuba University in Japan from 1988-1990 and 1996-1998. He has published in numerous refereed journals and edited books and has a book forthcoming on Transition Scenarios: China and the U.S. in the 21st Century.

Rapkin has been collecting African and Oceanic art for nearly 25 years.

The Eisentrager-Howard Gallery is on the first floor of Richards Hall.

'Drawn to Fashion' open through Nov. 30

Textiles, Merchandising and Fashion Design have officially dedicated the Mary Mitchell Fashion Studio with the exhibition "Drawn to Fashion: The Illustrations of Mary Mitchell."

The work of Mitchell, an Omaha fashion illustrator, is on display through Nov. 30 in the Robert Hillestad Textiles Gallery in the Home Economics Building.

The Mary Mitchell Fashion Studio in the Department of Textiles, Merchandising and Fashion Design is dedi-

cated to a fashion illustrator that celebrated designer Oscar de la Renta called "a true artist, elegant and masterful." It also honors the generosity of both Mary and John Mitchell who, through the University of Nebraska Foundation, endowed the Mary Mitchell Fashion Illustration Scholarship Fund and the Mary Mitchell Fashion Excellence Fund, and helped to underwrite the costs of the 2012 renovation of this primary apparel studio.



GREEN NATHAN | UNIVERSITY COMMUNICATIONS

The School of Music's Scarlet Brass Quintet plays during the Lied Commons dedication on Oct. 19. The new space, located on the north side of the Lied Center for Performing Arts, was entirely funded private donations.

Lied Commons addition opens

By Maureen Ose
Lied Center for Performing Arts

The Lied Center for Performing Arts dedicated its new Lied Commons addition Oct. 19. The new space provides a new venue for receptions, dinners, meetings, small concerts and other special events.

The expansion project was entirely funded by private donations and made possible with a \$2.5 million gift to the University of Nebraska Foundation from Christina M. Hixson of Las Vegas and the Lied Foundation Trust.

The addition, designed by BVH Architects of Lincoln, is on the north side of the Lied Center and is the first expansion ever to the 23-year-old venue. With a separate northeast entrance, the addition provides event space for cultural programs, education events, smaller performances and private receptions, even while events are held in the Lied Center's main house.

William Stephan, executive director of the Lied, said the new addition is especially



Christina Hixson cuts the ribbon during the Lied Commons dedication. The expansion is the Lied's first.

needed because the Lied Center has continued to increase its activities and services over the years.

"We're grateful to Ms. Hixson's gift and the resulting expansion opportunity," he said.

"The new space enables us to better serve Nebraskans via the university and our many

rental clients, as well as providing a perfect space for smaller performing arts events. The beauty and elegance of this new space will likely make it one of the most popular event spaces for receptions, dinners and special events in Lincoln."

The Lied Commons venue features a 2,800-square-foot multi-purpose room that can hold up to 200 people theater style and 140 at tables. The new space features high ceilings with a panoramic view of the UNL campus. It is accented with travertine marble and cherry wood. In addition to the large multi-purpose room, the venue has a 20-seat boardroom, a catering kitchen and restrooms. It is connected to both the Lied Center and Kimball Hall. Outside catering is allowed in the space.

For information on reserving the Lied Commons contact Steve Pearson at 402-472-4715 or by email at spearson5@unl.edu. Visit www.liedcenter.org for more information about all the spaces at the Lied Center and coming events.

calendar

events | films | theater | exhibitions | lectures

5 to do

Día de los Muertos | Oct. 28
Day of the Dead celebration, noon, Sheldon Museum of Art

O Pioneers! Opera | Nov. 2 and 4
Presented by the UNL Opera program, 7:30 p.m., Nov. 2 and 3 p.m. Nov. 4, Kimball Recital Hall

NaturePalooza Nebraska | Nov. 4
Day of discovery and hands-on activities, 1:30 p.m., Morrill Hall

Quilting Workshop | Nov. 10
"My Doll and I Explore Quilting Traditions," 10 a.m., International Quilt Study Center and Museum

Big Ideas Seminar | Nov. 14
"Scenery as a Natural Resource," John McCarty, U.S. Department of the Interior's Bureau of Land Management, 3:30 p.m., East Union

Friday | Oct. 26

Grand Rounds, "Reclaiming, Restoring, Empowering and Connecting: Utilizing Elements of Yoga in Trauma Counseling," Dr. Tanya Razzhavakina, 8:30 a.m., University Health Center. Call 402-472-7450

Sister Circle: Support Group for Women of Color, noon, Nebraska Union. Call 402-472-7450

HIV Testing, free and confidential results in 20 minutes, noon, Goughan Multicultural Center. Call 402-472-7498

Agricultural Research Division Junior Faculty Excellence in Research Recognition Reception for Jeffrey Mower and Ayshe Kilic, 1:30 p.m., East Union. Call 402-472-7082

Applied Ecology Seminar, "Whole Lake Research in Ohio," Amy Burgin, 3 p.m., Hardin Hall. Call 402-472-6825

Chemistry Colloquium, "Recent Progress in the Development of New Antibiotics," Norton P. Peet, international research and development consultant, 3:30 p.m., Hamilton Hall. Call 402-472-3523

Theatrical production, "Sexual Perversity in Chicago," 7:30 p.m., Temple Building, Lab Theatre. Call 402-472-1619

Saturday | Oct. 27

EPA Gameday Recycling Challenge, 5:30 p.m., Memorial Stadium

Sunday | Oct. 28

Día de los Muertos Celebration, noon, Sheldon Museum of Art.

History Harvest for current and former refugees, noon, College View Seventh Day Adventist Church, 4801 Prescott Ave. Call 402-472-2414

Monday | Oct. 29

Healthy Husker Booth, information on a variety of health and wellness topics, 12:30 p.m., Nebraska Union. Call 402-472-7542

Fall 2012 Grassland Seminar Series, "Can Production Agriculture and Conservation of Biodiversity Co-exist on Great Plains Rangelands," David Engle, Oklahoma State University, 3 p.m., East Union. Call 402-472-4101

Lecture, "Protestant Reformers and Islam," Emidio Campi, University of Zurich, 7 p.m., Bailey Library, Andrews Hall.

Tuesday | Oct. 30

Blood Pressure Checks, 11:30 a.m., Nebraska Union. Call 402-472-7443

NURAMP Seminar, "Elevate Four: Electronic Submission Systems," 1 p.m., Alexander Building West. Call 402-472-7003

Redox Biology Center Seminar, "Reversible Protein S-Glutathionylation in Redox Regulation — Implications for Thiol Homeostasis," John Miewal, Case Western Reserve University, 4 p.m., Beadle Center N172. Call 402-472-3173.

Entomology Lecture, "Pest Control Innovations at BASF Specialty Products and Career Opportunities," Bob Davis, BASF, 4 p.m., East Union. Call 402-472-2123

Visting Presidential Professor Lecture, "The Ineffable, the Unspeakable, and the Inspirational: A Grammar," Jonathan Fineberg, 5:30 p.m., Sheldon Museum of Art.

Natural Resources Outreach Seminar featuring Paul Johnson and Mary Bomberger, 6 p.m. meet and greet, 7 p.m. presentation, Hardin Hall. Call 402-472-2908

"Quick, Delicious One-Dish Meals," Alice Henneman, UNL Extension educator, 7 p.m., Bryan Health East. Pre-registration is required by calling 402-481-8886. Call 402-441-7180

Wednesday | Oct. 31

Zombie Apocalypse, emergency and natural disaster information, 11 a.m., Nebraska Union. Call 402-472-7459

Workshop, "NUGrant Basics: Proposal Routing," 1 p.m., Alexander Building West. Call 402-472-7003.

Workshop, "NUGrant Basics: IRB Protocols," 2:30 p.m., Alexander Building West. Call 402-472-7003.

Lecture, "Stitching as Knowing: Mapping Nebraska with Textiles and Threads," Liz Ingraham, associate professor of art, 3 p.m., International Quilt Study Center and Museum.

Natural Resources Fall Research Seminar, "GeoComputational Intelligence and High-Performance Geospatial Computing," Gene Guan, 3:30 p.m., Hardin Hall. Call 402-472-0232

Fall 2012 Biotechnology/Life Sciences Seminar Series, "Integration of Post-Translational Regulation via Mass Spectrometric Proteomics Approaches," Leslie Hicks, Donald Danforth Plant Science Center, reception 3:30 p.m., lecture 4 p.m., Beadle Center. Call 402-472-2635

Nebraska Center for Materials and Nanoscience Seminar Series, "Nanobio-imaging and Sensing with Multimodal/Multifunctional Nanoparticle Probes,"

Swadeshmukul Santra, University of Central Florida, 4 p.m., Jorgensen Hall. Call 402-472-2716

Evening with David Sedaris, 7:30 p.m., Lied Center for Performing Arts. Call 402-472-4747

Thursday | Nov. 1

Biochemistry Graduate Student Seminar, Athen Kimberlin, noon, Beadle Center. Call 402-472-2932

Discipline-Based Education Research Meeting, "Insects as Teaching Tools," Doug Golick, 2 p.m., Bessey Hall.

Fall Nebraska Lecture, "Joy of Applied Science While Feeding the World," P. Stephen Boenziger, 3:30 p.m., Nebraska Union. Call 402-472-0030

Lecture, "Know Your (Author) Rights," Roy Royster, 4 p.m., Nebraska Hall. Call 402-472-3411

History Harvest for current and former refugees and the people who work with them, 4 to 7 p.m., Center for People in Need, 3901 N. 27th St., Suite 1. Call 402-472-2414

"Explore Student Affairs: Careers and Educational Opportunities," 5 to 7 p.m., Marri's Lounge, Abel-Sandoz Residence Hall Complex. Register by Oct. 26 at <http://stafs.unl.edu/grad.shtml>. Call 402-472-1877

G.E. Hendricks Symposium Keynote Lecture, "The Politics of Food in North Korea," Rhoda Howard-Hassmann, Wilfrid Laurier University, 7 p.m., Nebraska Union. Call 402-472-3214

Reel Talk Movie Series, "Bro Code," 7:30 p.m., Goughan Multicultural Center. Call 402-472-5500

Friday | Nov. 2

G.E. Hendricks Symposium Panel, "Philosophical Implications of Divorcing Rights from Security," 9 a.m., Nebraska Union. Call 402-472-3214

G.E. Hendricks Symposium Panel, "Human Security: Claim or Frame," 10:50 a.m., Nebraska Union.

Sister Circle: A Support Group for Women of Color, noon, Nebraska Union. Call 402-472-7450

G.E. Hendricks Symposium Panel, "Conceptualization and Measurement of Human Security," 1:35 p.m., Nebraska Union. Call 402-472-3214

Geography General Seminar, "Technology Toponyms: Connecting the Public to Naval Vessels Using Place Names," Glenn Humphress, 2 p.m., Hardin Hall. Call 402-472-7531

Agricultural Economics Seminar, "Explaining Ambiguity Aversion in Three African Countries: Results from Behavioral Experiments," Timothy Dalton, Kansas State University, 3 p.m., Filley Hall. Call 402-472-1913

Applied Ecology Seminar, Gary Lynne, 3 p.m., Hardin Hall. Call 402-472-6825

Chemistry Colloquium, "Crystalline Semiconducting and Porous Materials: Synthesis, Properties and Applications," Pingyun Feng, University of California, Riverside, 3:30 p.m., Hamilton Hall. Call 402-472-3523

First Friday, free admission, 4:30 to 7:30 p.m., International Quilt Study Center and Museum. Call 402-472-6549

First Friday Reception, 5 p.m., Sheldon Museum of Art

First Friday Reception, "Drawn to Fashion: The Illustrations of Mary Mitchell," 5 to 7 p.m., Robert Hillestad Textiles Gallery. Call 402-472-2911

Opera, "O Pioneers!," 7:30 p.m., Kimball Recital Hall. Call 402-472-4747

Student Observatory Public Night, 7:30 p.m., Stadium Drive Parking Garage. Call 402-472-4728

Saturday | Nov. 3

Symposium, "Geometric Geography: What's Transnational About Abstraction," 10 a.m., Sheldon Museum of Art. Call 402-472-1454

Clean Part Reading Series featuring John Chávez, Alexis Orgera and Mathias Svalina, 5 pm, Sheldon Museum of Art.

Sunday | Nov. 4

Quilt Identification Day, 1:15 p.m., International Quilt Study Center and Museum. Reservations required. Call 402-472-6549

NaturePalooza Nebraska, 1:30 to 4:30 p.m., Morrill Hall. Call 402-472-7471

Opera, "O Pioneers!," 3 p.m., Kimball Recital Hall. Call 402-472-4747

Grand India Night, celebration of the Diwali Festival, 5 p.m., Cornhusker Hotel, 333 S. 13th St. For tickets call 402-423-5568 or 402-440-2164

Monday | Nov. 5

Dare to Care Food Drive begins (through Nov. 9), food barrels located around campus. Call 402-472-6150

Flu Shot Clinic, 9 to 11 a.m., University Health Center. Call 402-472-7459

LGBTQA Brown Bag Discussion Group — Adjusting to College Life and Being Out

on Campus, "Social Media and the LG-BTQ Community," noon, 346 Nebraska Union. Call 402-472-7450

Grassland Seminar Series, "Cattle, Forage, Corn, Ethanol and Residues," Terry Klopfenstein, 3 p.m., East Union. Call 402-472-4101

Nebraska Center for Materials and Nanoscience Seminar, "Combined QCM-D: Ellipsometry and Imaging Techniques," Ralf Richter, Joseph Fourier University, 3 p.m., Scott Engineering Center. Call 402-472-2716

Diversity Leadership Symposium with Chad Smith, former principal chief of the Cherokee Nation, 4:30 p.m., Law College. Call 402-472-5500

Chinese Corner, practice conversational Chinese, 5:30 p.m., Nebraska Union. Call 402-472-5370

Tuesday | Nov. 6

Last day of priority registration for spring semester.

Discover Engineering Days for middle school students, various sites, City and East campuses. Call 402-472-7094

Flu Shot Clinic, 9 to 11 a.m., University Health Center. Call 402-472-7459

Biochemistry/Redox Biology Center Seminar, "Regulation of the Yap1-Dependent Transcriptional Response to Oxidative Stress in Fungus," Scott Moye-Rowley, University of Iowa, 4 p.m., Beadle Center. Call 402-472-3173

Entomology Lecture, "Entomophagy: Food and Fears," Crystal Ramm, 4 p.m., East Union. Call 402-472-2123

Recital, Student Brass Chamber Ensembles, 7:30 p.m., 119 Westbrook Recital Hall. Call 402-472-6865

Wednesday | Nov. 7

Open registration begins for spring semester.

Discover Engineering Days for middle school students, various sites, City and East campuses. Call 402-472-7094

Fall UNL Research Fair, 8 a.m., Nebraska Union. Call 402-472-0030

New Employee Orientation, 9 a.m., Nebraska Union. Call 402-472-3106

UAAD Meeting, "Get Better, Not Bitter: Conquering Challenges in Work and Life," Paul Wesselmann, 11:45 a.m., Nebraska Union. Call 402-472-6861

Environmental Health and Safety Colloquium, "Machine Shop Safety," 12:30 p.m., East Union. Call 402-472-0030

Fall Research Seminar, "Exploring the Importance and Measurement of 21st Century Professionals Competencies in Undergraduate Students," Dave Gosselin, 3:30 p.m., Hardin Hall. Call 402-472-0232

Institute for Ethnic Studies Colloquium Panel Discussion, "Race, Ethnicity and the Election," 3:30 p.m., Andrews Hall. Call 402-472-1663

Biotechnology/Life Sciences Seminar Series, "Complexities of Legume Genomes and Epigenomes: Implications for Crop Improvement," Scott Jackson, University of Georgia, 3:30 p.m. reception, 4 p.m. lecture, Beadle Center. Call 402-472-2635

Wet Ink!, performance featuring compositions by students in the School of Music, 7:30 p.m., Westbrook Music Building. Call 402-472-6865

Thursday | Nov. 8

Discover Engineering Days for middle school students, various sites, City and East campuses. Call 402-472-7094

Biochemistry Graduate Student Seminar, Sandhya Gopalakrishnan, noon, Beadle Center. Call 402-472-2932

UAAD Professional Development Workshop, "Best Work/Best Self: Time and Stress Management for Busy People," Paul Wesselmann, 1 p.m., DelRoy Ballroom, 817 R St. Call 402-472-8035

Discipline-Based Education Research Meeting, "Nanoscience Outreach," Steve Ducharme, 2 p.m., Bessey Hall. Call 402-472-3503

Biological Sciences Seminar, "Promotion to Full Review," Luwen Zhang, 3:30 p.m., Hamilton Hall. Call 402-472-2729

"Go Global: Finding Jobs in the United States and Abroad," 4 p.m., Nebraska Union. Call 402-472-3145

New Faculty Present Research, 5 to 6:30 p.m., Bailey Library, Andrews Hall.

Film Screening "Problema," 7 p.m., Sheldon Museum of Art.

Wet Ink!, performance featuring compositions by students in the School of Music, 7:30 p.m., Westbrook Music Building. Call 402-472-6865

University Theatre, "Paragon Springs," 7:30 p.m., Temple Building. Call 402-472-1619

Friday | Nov. 9
Last day to withdraw from a course and receive a grade of "W."

Sister Circle: A Support Group for Women of Color, noon, Nebraska Union. Call 402-472-7450

Applied Ecology Seminar, "Accounting for Parametric Uncertainty in Markov Decision Processes," Adam Schapough, 3 p.m., Hardin Hall. Call 402-472-6825

Chemistry Colloquium, "From Genome Sequences to New Anti-Infectives — Biosynthetic Mechanisms and Metabolic Engineering," Liangcheng Du, 3:30 p.m., Hamilton Hall. Call 402-472-3523

Special Screening of "Pearl," a film based on the poem by Ted Kooser, 5:30 p.m., Sheldon Museum of Art. Call 402-472-5353

University Theatre, "Paragon Springs," 7:30 p.m., Temple Building. Call 402-472-1619

Saturday | Nov. 10

Quilting Workshop, "My Doll and I Explore Quilting Traditions," 10 a.m., International Quilt Study Center and Museum. Call 402-472-6549

Sunday | Nov. 11

University Theatre, "Paragon Springs," 2 p.m., Temple Building. Call 402-472-1619

Faculty Recital, Moran Woodwind Quintet, 3 p.m., Kimball Recital Hall. Call 402-472-6865

Monday | Nov. 12

Flu Shot Clinic, 9 to 11 a.m., University Health Center. Call 402-472-7459

UNL among leaders in civic engagement

UNL is taking its place as a leading institution in a national initiative on civic learning and democratic engagement. UNL was named one of only 50 institutions in the nation as a Civic Learning Leadership Institution by Student Affairs Administrators in Higher

Education, the leading voice for the student affairs profession.

The 50 universities become part of the Lead Initiative on Civic Learning and Democratic Engagement.

As a participating institution in NASPA's initiative, UNL will con-

tinue to develop partnerships to increase each student's commitment to being engaged and active citizens, serving their communities and undertaking leadership roles both on and off campus.

<http://go.unl.edu/0p0>

PLANS

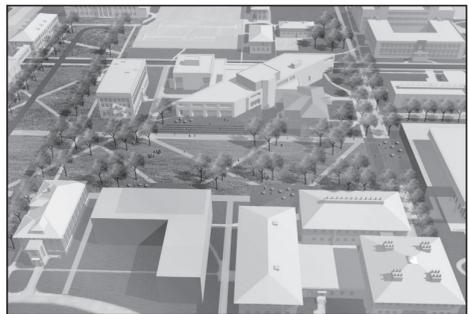
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al constructs of how campus could be organized. She said the concepts are designed to get faculty, staff and students talking about how campus should look in the future.

"That is the intent right now," Dam said. "We need to hear what people like or dislike about the plans. These are three distinct ideas. One might be exactly how we develop in the future, or we might end up with a portion of each melded into one plan."

Faculty, staff and students are encouraged to attend the second open house session today, 12:30 to 2:30 p.m. in Hardin Hall.

Feedback provided at the open houses and through the master plan "Plan Big" website (<http://planbig.unl.edu>) will be used by Sasaki to develop two additional master plans. Those plans will be presented



The East Campus Union quad design as proposed in the Sasaki Associates "mall" scheme.

to campus at open houses in late November. Additional feedback from those plans will then be used to develop a final campus and landscape master plan.

The final plans will be presented in late spring or early summer to the University of Nebraska Board of Regents.

Proposals for UNL, UNMC collaborations due Dec. 17

UNL and University of Nebraska Medical Center are requesting proposals for collaborative projects with potential to boost the institutions' research capabilities in bioengineering for human health. Proposals are due by Dec. 17.

Multidisciplinary collaboration is critical in bioengineering, which applies concepts and methods of biology to solving challenges associated with human health in cost-effective, practical ways. UNL and UNMC hosted a joint retreat in August to identify overlapping research areas and discuss ideas for inter-institutional projects. The goal of this funding program is to provide seed grants to ideas that emerged during the retreat, build interdisciplinary research teams and enhance competitiveness for National Institutes of Health

funding.

All full-time, tenure track faculty at UNL or UNMC are eligible to apply. Proposals from any UNL or UNMC college are welcome.

Proposals, with administrative approvals, must be submitted as a PDF to the vice chancellor for research at the lead principal investigator's institution. Lead PIs from UNL should send the application to UNLResearch@unl.edu. Lead PIs from UNMC should submit to DChoate@unmc.edu.

Visit the website (<http://go.unl.edu/ium>) to download a copy of the request for proposals and get details on eligibility, application forms and review processes. Proposals are due by 4 p.m. Dec. 17.

For more information, contact Deb Hamernik at dhamernik2@unl.edu or 402-472-2851.

Biennial CEHS Showcase is Nov. 2

The College of Education and Human Sciences faculty and students will present individual research projects Nov. 2 during the 2012 CEHS Showcase: Research, Creative Work, Outreach,

Extension and Innovations in Instruction.

The work will be showcased in the biennial event 4 to 6 p.m. in the East Union's Great Plains Room.

DUNCAN

continued from page 1

ences and their eagerness to discover new insights together. Duncan is discovering, too, in comparing the Greek warrior returning home from warfare to the experiences of those who've served in Afghanistan, Iraq or Vietnam.

"I have always believed that 'classic' literature is considered great because it has the ability to speak to people across centuries and cultures, but now I'm seeing it happen in a whole new way," she said. "I'm seeing people connect to 2,500-year-old books and find things in them that are relevant to their lives here in 21st century America."

Earlier this month, they welcomed professional actors from Aquila Theatre for a performance workshop where they explored the challenges and rewards of performing Ancient Greek plays to modern audiences. The actors also delivered a staged reading in which they performed selected scenes from Greek tragedies — all having to do with combat and the warrior's return

home. Duncan also presented a public lecture on combat trauma in Homer's "Iliad."

Her goals are simple: One being to help non-academic audiences discover that ancient Greek literature actually has a lot to say to them about issues that are important to them, even though it seems so remote. She also hopes it will give veterans and non-veterans alike a new forum to speak and to really hear each other when they talk about their experiences, thoughts and reactions.

The book club will continue through November, with meetings Nov. 8 and Nov. 28, both at 7 p.m. in conference room 107 of the Lincoln VA facility, 600 S. 70th St.

Duncan is hopeful this new effort's life will extend well beyond that even.

"Although I'm not sure what shape it would take, I'd love to see this evolve into a longer-term community outreach project," she said. "I feel a certain responsibility to use our unique strengths to play a part in helping solve some major issues facing our country."

East Campus rec center shifts to temporary space

The Fleming Fields Annex Building opens for fitness workouts on Oct. 22 and will remain in use as a Campus Recreation fitness center during the entire construction period of the new East Recreation Center. The Fleming Fields Annex is located at 2301 N. 33rd Street on the western edge of East Campus.

The facility has six treadmills, six ellipticals, eight bikes, two stair climbers, a rower, and 14 strength machines/racks, plus dumbbells and benches. A stretching mat area, day-use lockers, changing stalls, restrooms, a shower room, and air-conditioning are also prominent components of the facility. Onsite permit parking is

available as well as nearby street parking.

Hours for the new building are 6:30 a.m. to 10 p.m. Monday to Thursday; 6:30 a.m. to 8 p.m. Friday; 1 to 8 p.m. Saturday; and 1 to 10 p.m. Sunday.

All UNL faculty and staff are invited to exercise and workout for free (with a valid NCard) at the Annex from now through Nov. 4.

After Nov. 4, individuals can continue to use the facility with a Campus Rec membership. A membership for the Annex building only is \$19 per month. A full Campus Rec membership is \$34 per month and gives access to both East and the City campus rec facilities.

Although strength and cardio equipment has moved, the East Campus Activities Building will re-open Oct. 22 for a limited time period. Students and Campus Rec members may continue to visit the building to play basketball and table tennis and use the locker room areas until cold weather or the new construction precipitates its permanent closure. The new adjusted open hours are 11 a.m. to 1:30 p.m. and 4 to 8 p.m. Monday-Friday.

The new East Campus Recreation Center is slated for completion in summer 2015.

For more information, go to 402-472-2479.

Team captures 3-D images of changing molecules

By Gillian Klukas
Research and Economic Development

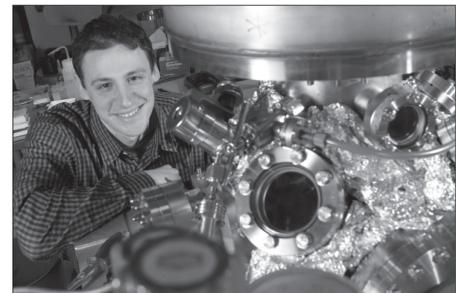
Light hitting a plant or the human eye triggers complex molecular changes. But molecules that react to light undergo structural changes so fast — in less than 1 trillionth of a second — that the initial stages of photosynthesis and vision remain largely a mystery.

A research group led by Martin Centurion, assistant professor of physics and astronomy, has discovered a way to peer into that unknown molecular world. Their ability to capture three-dimensional images of molecules undergoing structural changes is a major advance toward studying how light energy is converted into chemical energy. The technique may one day lead to better alternative energy sources, help solve vision problems and improve skin cancer prevention and treatment.

To get a 3-D image, molecules must be floating in a gas state. "When you have molecules in a gas, they are rotating," Centurion said. "It's very hard to take a three-dimensional image of it because you cannot hold it."

Previous 3-D structures were based on models made from two-dimensional images. "With our method, you never go to a model. You go from the data to the structure of the molecule, so it's much more powerful in that way," he said.

To gather data, the team first hits the molecules with a laser pulse, which gives them torque,



Martin Centurion with a vacuum chamber similar to the one used to capture the 3-D images.

and, for just a split second, the molecules point in the same direction. The laser also triggers a short pulse of electrons that hit the molecules during this brief moment and scatter. By analyzing the electron scatter, Centurion and his team recreate the molecule's structure, like taking its 3-D picture.

So far, they have created an image of a simple five-atom molecule to prove the technique works. The team reported this research in the Sept. 28 issue of the journal Physical Review Letters.

Next, they will use this approach to study molecules that undergo light-induced structural changes. By lengthening the timing between the laser pulse and the electron snapshot, the researchers can create a movie of a molecule as it changes, which will provide

insight into its function.

"In principle we can, and plan to, investigate the interaction of molecules with light on a fundamental level, and this can lead to applications across many fields," Centurion said. "We are now getting to the more exciting part of the project."

For example, Centurion's team plans to observe molecules involved in photosynthesis to illuminate how plants convert photons of light into energy. Understanding this process could lead to improving solar energy efficiency and storage.

Centurion's team includes graduate student Jie Yang and postdoctoral fellow Chris Hensley. A \$750,000 Department of Energy Early Career Research Program award funds this research.

Nebraska Humanities Council rewards five UNL programs

Five UNL programs were included in 28 grants recently awarded by the Nebraska Humanities Council. The 28 grants totaled \$98,552. UNL programs receiving grants are:

— NET Foundation for Television, \$10,000 for a 60-minute documentary to air in April as part of Holocaust Awareness month.

— Center for Great Plains Studies, \$4,658 for a school consolidation symposium, April 5-6 at the University of Nebraska at Kearney.

Center for Great Plains Studies earns Cooper Foundation grant

UNL's Center for Great Plains Studies received a \$14,000 grant from the Cooper Foundation to support the "School Consolidation in the Great Plains: Efficiencies, Change and Community Identity" symposium. The event is planned for April at the University of Nebraska at Kearney.

The grant was among \$205,759 recently awarded by the Cooper Foundation. Other UNL programs to receive Cooper awards include:

— Sheldon Art Association, \$1,500 to develop website structure, design and content goals for an interactive component of the Sheldon Museum of Art's "artland" magazine.

— Medieval and Renaissance Studies, \$1,363 for a lecture on women in Chinese film

— For more information on the Nebraska Humanities Council grants, go to www.nebraskahumanities.org.

— College of Journalism and Mass Communications, \$6,665 for "Sixties Survivors," a project that will follow up with people profiled in Look Magazine in the 1960s.

— Sheldon Friends of Chamber Music, \$2,000 to support the group's upcoming concert season at the Sheldon Museum of Art.

— For more information on the Cooper awards, go to www.cooper-foundation.org.

Awards and Honors

Wals receives Latino award

Sergio Wals, assistant professor of political science and ethnic studies, is among those recently honored as part of the Nebraska Hispanic Heritage Month State Commemoration.

Wals was presented with the 2012 Inspiration Award during a special ceremony hosted by the Nebraska Latino American Commission on Oct. 5 at the Capitol. His students nominated him for the honor, which recog-

nizes his efforts going above and beyond promoting diversity and helping individuals within the Hispanic community.

Among other criteria, the Inspiration Award is annually given to an individual who has improved opportunities for academic and social advancement among Hispanic youth and who serves as a role model to Nebraskans of all ages.

State group honors French

Kathy French, education coordinator for the University of Nebraska State Museum of Natural History, was awarded the 2012 Catalyst Award from the Nebraska Association of Teachers of Science at the organization's fall conference Sept. 28. This is the highest honor given by NATS. The award recog-

nizes French's outstanding contributions to informal science education in Nebraska.

French directs and conducts science education programming for students of all ages, as well as the general public, at Morrill Hall.

<http://go.unl.edu/unx>

Bell named a senior fellow

Lloyd Bell, professor in agricultural leadership, education and communication, was named a senior fellow during the American Association for Agricultural Education's annual conference, May 15-18 in Asheville, N.C.

Bell has taught about 70 percent

of all current agricultural education teachers in Nebraska. Add in his work with in-service professional development, graduate level coursework and non-standard teacher certification, and that level rises to 100 percent.

<http://go.unl.edu/dwg>

Drought Monitor nets award

The U.S. Drought Monitor, hosted by the National Drought Mitigation Center at UNL, has earned the Climate Literacy and Energy Awareness Network seal of approval. The award went to 480 websites identified as being useful for teachers presenting lessons on climate.

The CLEAN project team of

scientists and educators reviewed 15,000 resources to name the top 480 websites. Each website meets the team's criteria for scientific accuracy and pedagogical effectiveness.

For more information about the Drought Monitor, go to <http://droughtmonitor.unl.edu/>.

We have A LOT to share!



Hey, football fans –

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News Briefs

Campus security, fire safety report available online

The annual security report for UNL is available online at <http://police.unl.edu/annualreport>.

The report is required by federal law and contains policy statements and crime statistics for the university. Three years' worth of statistics are included for certain types of crimes that were reported to have occurred on campus, in or on off-campus buildings or property owned or controlled by the university and on public property within or immediately adjacent to the campus. Fire statistics are also included.

Additional safety and security information is available at <http://police.unl.edu>.

A paper copy is available by request from the University Police Department.

Nominees sought for Nebraska Alumni awards

The Nebraska Alumni Association is seeking award nominations for noteworthy alumni, students and friends of the university. The awards are offered in several categories. Many student awards include scholarships.

Nominations are due by Nov. 1. All award recipients will be honored at an alumni awards banquet in May.

For more information, including a complete list of award categories and nomination instructions, go to <https://huskeralum.org/awards>.

Credit Union offers 'Letters from Santa'

The University of Nebraska Federal Credit Union is partnering with Santa to raise money for the Children's Miracle Network through the "Letters from Santa" campaign. Through Nov. 16, the credit union is accepting requests for personalized letters from Santa to children. Each letter is \$3. The letters will be mailed around Dec. 7.

For more information, call 402-472-2087 or go to www.nufcu.org.

Money management for couples session is Nov. 5

A "Couples and Money: Tips for Becoming Wealthy and Healthy" seminar is 6 p.m., Nov. 5 at the University of Nebraska Federal Credit Union, 720 P St.

The seminar is presented by the credit union and the UNL Student Money Management Seminar.

Registration, available at www.unl.edu/smmc, is required by Nov. 4.

Journal features research of UNL undergraduates

The research of UNL undergraduates is featured in "RURALS: Review of Undergraduate Research in Agriculture and Life Sciences." The campus-based, faculty-referred journal is devoted to the publication of high quality undergraduate research.

The journal, available at <http://go.unl.edu/jkz>, is focused on research problem areas identified by the USDA, and CSREES Manual of Classification of Agricultural and Forestry.

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History Harvest to focus on preserving stories of Lincoln's refugee population

By Jean Ortiz Jones
University Communications

With the public's help, UNL historians are hoping to better understand and preserve the story of Lincoln's refugee community.

The Department of History has organized a two-day History Harvest event for Oct. 28 and Nov. 1. Historians are inviting refugees as well as community members who work with refugees to share their stories, the culture of their home country and their experi-

ences as a refugee. They're asked to bring their photos, documents, letters, heirlooms, traditional clothing, or any other item that helps tell their story. UNL historians won't keep any of the artifacts, but with permission will photograph items or scan documents and photos to add to a Web-based digital archive that will be opened to the public once completed.

The success of the project depends on community participation.

The Oct. 28 event runs from

noon to 4 p.m. and will be held at Lincoln's College View Seventh-day Adventist Church, 4801 Prescott Avenue. The Nov. 1 event will be held from 4-7 p.m. at the Center for People in Need, 3901 N. 27th St. #1, also in Lincoln.

"History Harvest" events have been held in communities across eastern Nebraska since 2010. The annual event has helped highlight Nebraska's diversity, complexity and rich history. Last year's event, held in North Omaha, focused on African-American history.

Speech and Debate team wins second Big Ten title

UNL Speech and Debate became two-time champions of the Big Ten Conference with its victory at the Conference Challenge Tournament Oct. 13-14 at Northwestern University in Evanston, Ill. UNL's Speech and Debate took first-place honors at the same tournament last fall and earned a place in the record books as the first organization on campus to capture a Big Ten title.

This year, UNL led the field with a two-day point total of 190,

ahead of the University of Illinois, which grabbed second place with 56 points, and tournament host Northwestern University with 53 points.

In addition to the championship in a conference that has a long tradition of academic excellence and excellence in speech and debate, UNL students captured seven individual Big Ten titles. Students winning conference championships included senior Lauren Schaal in persuasive speak-

ing, senior Marc Otero in program oral interpretation, junior Amanda Stoffel in after-dinner speaking, junior Josh Planos in poetry interpretation, junior Grace Kluck in dramatic interpretation, sophomore Reece Ristau and sophomore Josiah BeDunnah in prose interpretation. BeDunnah and junior Roger Allen claimed victory in duo interpretation. Sophomore Jeff Garst finished runner-up in Lincoln-Douglas debate.

<http://comm.unl.edu>

Research tracks how campaign info plays, stays in voters' minds

By Steve Smith
University Communications

Maybe you're a Republican and believe Mitt Romney will sail to victory on the lasting momentum of his early October debate performance. Or maybe you're a Democrat who thinks that President Obama's consistent policy messages in the late summer and early fall will remind voters to award him with a second term in November.

But if your candidate of choice wants his message to leave a lasting impact on undecided or low-information voters as they cast their ballots, he may want to focus on having a strong closing week, UNL political scientist Dona-Gene Mitchell says.

Mitchell researches the effects of time on the political process — and specifically, how long information endures or how fast it fades from people's minds during multi-week campaigns. Her most recent findings, published in the American Journal of Political Science, suggest

that in a tightly controlled information environment, issue-related information about a candidate was supplanted quickly from voters' minds by new data.

Character and personal facts about a candidate, meanwhile, were found to stick in people's memories a little longer — but not by much.

"I find a remarkably limited role for enduring information effects," Mitchell said. "In other words, during campaigns, citizens appear to operate as if they have short-term memory loss where information this week mattered but the effects quickly faded a week later."

In her most recent study, information was provided once a week about a hypothetical Republican candidate for Congress. The type of information varied: Sometimes it was about the candidate's character or communicated a personal detail; others, his positions on different political issues. After receiving the information each week, participants then evaluated the candidate.

Some information, such as the candidate's party affiliation, exhibited stronger staying power with the study's participants. But Mitchell said she was surprised at how other less sticky information, particularly where a candidate stood on a single issue, was displaced to make room for new facts.

Mitchell's upcoming research looks further into the temporal dynamics on political information effects. A forthcoming study examines how much more voters pay attention when a staunchly partisan official becomes more inconsistent in his or her views. She also is determining empirically how much the timing of a political scandal, and the amount of coverage devoted to the scandal, matters in a race.

"We have only a limited understanding of how and to what extent people modify their judgments as new information becomes available and the salience of old information fades," she said. "But what we know from this research is that timing definitely matters."



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