



2012 Chancellor's ornament celebrates Morrill Act sesquicentennial

Chancellor Harvey Perlman's 2012 ornament recognizes the 150th anniversary of the Morrill Act of 1862. The act, signed by Pres. Abraham

Lincoln, is named for education advocate Justin Morrill. It set aside public land for the establishment of public universities, including UNL.

The chancellor gives the ornament to a select group of donors and friends of the university each year. Alumni also have a chance to buy the ornament.

SCARLET

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

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http://scarlet.unl.edu

Vol. 22, No. 12 Dec. 13, 2012

Commencement shifts to new venues in 2013

By Troy Fedderson
University Communications

The renovation of the Devaney Sports Center will shift UNL commencement exercises to three different locations in 2013.

The change is due to a \$20 million project that will convert the Huskers' basketball home since 1976 into a volleyball arena. The renovation is scheduled to begin shortly after the current NCAA basketball season ends. It will be the full-time home for volleyball starting in 2013. UNL has held commencement exercises in the Devaney Center since 1976.

"We will be in a different venue for every commencement in

Commencement on the Road

Due to the renovation of the Devaney Sports Center, UNL graduation exercises will be held in three different locations in 2013. The tentative venues are:

May 4, 2013 — Memorial Stadium
Aug. 17, 2013 — Pershing Center
Dec. 21, 2013 — Devaney Sports Center

2013," said Jennifer Verhein, assistant director of Registration and Records who oversees commencement exercises. "It's going to be very exciting and include lots of extra planning."

Memorial Stadium will host spring commencement in May, while August exercises will be in Pershing Center, 226 Centennial Mall South. While negotiations are not complete, Verhein said commencement exercises are expected to return to the Devaney Center in December 2013.

"December and August commencement will fit in the revised Devaney Center," said Verhein. "However, we will never return there for May commencement exercises. The new site for May will be the Pinnacle Bank Arena."

The first use of the arena is expected to be in May 2014.

VENUES | page 3

Calkins, Zeleny to address December graduates

By Tom Simons
University Communications

Commencement exercises for approximately 1,500 graduates are scheduled at UNL on Dec. 14 and 15.

Graduate commencement exercises, including doctoral hooding, will begin at 3 p.m. Dec. 14 for students earning doctoral and master's degrees. Undergraduate exercises will begin at 9:30 a.m. Dec. 15. Both

ceremonies will be at the Bob Devaney Sports Center. The College of Law will have a separate hooding and commencement ceremony at 1 p.m. Dec. 14 in the Hamann Auditorium of Ross McCollum Hall, East Campus Loop and Fair Street. Harvey Perlman, UNL chancellor, will preside over all three ceremonies.

Chris. R. Calkins, professor
COMMENCEMENT | page 3



TROY FEDDERSON | UNIVERSITY COMMUNICATIONS

(From left) Randy Kassebaum, a Lincoln businessman, holds a ceramic QR Code that graduate students in Bill Lopez's class are using to make family histories available electronically to visitors to Wyuka Cemetery. Lopez tested the technology on three Wyuka sites, including the 9/11 memorial in the background, before introducing the project to UNL students.

DIGGING INTO HISTORY

Project pairs research, modern technology to bring forgotten cemetery stories to life

By Troy Fedderson
University Communications

Graduate students led by Bill Lopez are taking modern technology to the grave.

After guiding classes on tours through Lincoln's Wyuka Cemetery for more than 15 years, Lopez and students in the Master's of Elementary Teaching program have researched the history of select graves and made that information available electronically. The information is accessed online through Electronic Quick Response Codes posted at Wyuka and a smartphone.

"What I've always wanted to do was start getting the students involved and finding information on the historic graves at Wyuka," said Lopez, an associate professor

of practice in Teaching, Learning and Teacher Education. "That got me thinking. Then I started talking to a guy I know who has a business here in town. I asked him about doing something to show off the students' work online."

The "guy" is Randy Kassebaum, who has developed the technology to imprint QR Codes on long-lasting ceramic blocks. Lopez and Kassebaum had partnered on three similar projects at Wyuka — the 9/11 Memorial; serial killer Charles Starkweather; and Walter Dameron, who was killed in a head-on train collision in 1911 in western Nebraska.

"Those projects gave me the impetus to say, 'OK, this is doable,'" said Lopez. "So, I decided to pilot the idea in

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After ConAgra news, construction up next at Innovation Campus

By Troy Fedderson
University Communications

Construction at Nebraska Innovation Campus is gearing up after a Nov. 16 ceremonial groundbreaking and announcement of the new campus' first commitment from a private-industry partner.

Dan Duncan, executive director for NIC, said construction of the campus' first phase will start in December or early January. The first phase includes four buildings — renovation of the 4-H Building and Industrial Arts Building, and construction of a companion building and a life sciences building.

"The soft demolition in the 4-H building is done and the next thing is the hard demo," said Duncan. "That will probably happen right away and will include tearing out the old livestock bowl and getting the building ready."

"Then, when everything is ready, they'll bring in the cranes and start putting in pilings for the new buildings."

The contractor for the first phase has yet to be announced. The Kiewit Building Group is the contractor for the Industrial Arts renovation.

"Kiewit has been brought on board due to the complexity of the IAB renovation," said Duncan. "That building has three basements to deal with. The ironwork structure on the roof is interlaced and its removal will be touch and go."

The renovation of the IAB is expected to begin with the removal of bricks from the building's exterior archways.

"It is my understanding that if the bricks are not removed, the wind load coming in when the roof is removed will push the walls over," Duncan said. "At this point, if that were to happen, it would be disastrous."

Still, Duncan is excited to see construction start on the first phase of the public/private research and

CONSTRUCTION | page 6

NIC information session is Dec. 17

An open information session about Nebraska Innovation Campus is 3:30 to 5 p.m. Dec. 17 in the Nebraska Union Auditorium. The session, which is free and open to faculty, staff and students, will be led by Dan Duncan, executive director of the NIC. A question and answer session will follow the update presentation.

Bales finds needed outlet as UNL bus driver

By Troy Fedderson
University Communications

Eight years ago, Linda Bales needed an escape.

Having relocated to Nebraska, Bales spent her days caring for a mother-in-law who suffered a series of strokes and a retired-military husband hampered by alcoholism.

"That kind of care, 24 hours a day, seven days a week, it weighs on you," Bales said. "I really needed something outside the house. More for my mental health than my physical health."

Then a friend mentioned a possible job driving a bus around UNL. Bales had maintained her CDL after driving a tour bus on the East Coast and a school bus at Fort Bragg. Shuttling students, faculty and staff between UNL's City and East campuses sounded pretty good. She jumped at the opportunity.

"I applied for the job because I really needed something," Bales said. "And because of the university students. I knew they all had these



TROY FEDDERSON | UNIVERSITY COMMUNICATIONS

Linda Bales, a driver with Parking and Transit Services, drives UNL's intercampus bus route on Dec. 7. StarTran will take over the route on Jan. 2.

wonderful goals, dreams and ideas. That was something I really needed to be around — even if it was only for a few hours a day."

She started as one of Transit Services' on-call drivers. The hours varied, but that was OK.

BALES | page 6

One of U

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

Agreement shifts intercampus bus route to StarTran

University Communications

StarTran, the City of Lincoln's bus service, will assume total control of UNL's intercampus bus route starting Jan. 2.

Riders will not experience any changes in the intercampus — 24 Holdrege or 24 Vine — route or schedule. The change does reduce UNL's transit-related responsibilities and expenses over time, allowing Parking and Transit Services to focus on campus parking services.

Dan Carpenter, director of Parking and Transit Services, said transfer of the route to StarTran grew from a recommendation made from a 2009 evaluation of the campus transit system.

"The service life of our buses is long past and the consultants

STARTRAN | page 6

SCARLET

UNL named a top producer of Fulbrights

By Kelly Bartling
University Communications

The Fulbright Program, the U.S. government's flagship international educational exchange program, announced a list of colleges and universities that produced the most 2012-2013 U.S. Fulbright Students — and UNL is on that list of the top 40 research institutions whose students were awarded Fulbright scholarships.

The success of the top-producing institutions is highlighted in the Oct. 28 edition of The Chronicle of Higher Education, at <http://go.unl.edu/fulbrights2012>. UNL made the list of top producers in 2011-2012.

Laura Damuth, director of national and international fellowships, administers the Fulbright U.S. Student program competition at UNL, advising students on applications.

Nine students from UNL won Fulbright awards for 2012-2013, making UNL the high-est-ranking institution percentage-wise in the Big Ten. UNL submitted 27 applicants and nine were awarded, for a yield of 33 percent. Following UNL, Northwestern University had 22 percent; University of Illinois, 22 percent; University of Michigan, 28 percent; and Ohio State, 23 percent.

Damuth said UNL has one of the highest percentages of Fulbright application yield nationally — higher than universities

like Princeton, Boston College, UCLA and Georgetown.

"I am very pleased that UNL students are doing so well in the Fulbright competition," Damuth said. "It says a tremendous amount about our students, their academic preparation and the faculty support that is necessary to create a competitive application."

Since its inception in 1946, the Fulbright Program has provided more than 310,000 participants — chosen for their academic merit and leadership potential — with the opportunity to study, teach and conduct research, exchange ideas and contribute to finding solutions to shared international concerns. In the past 65 years, more than 44,000

students from the United States have benefited from the Fulbright experience.

Almost 1,700 American students, artists and young professionals in more than 100 different fields of study have been offered Fulbright Program grants to study, teach English, and conduct research in more than 140 countries throughout the world beginning this fall. In terms of total absolute numbers, University of Michigan led the way nationally last spring with 40 student awards followed by Harvard with 31 and Brown with 29.

Read more about the Fulbright student program at <http://www.fulbrightonline.org/us>.

Paper or electronic?

Employees have until Dec. 31 to select how they receive W-2 forms

New federal regulations require all employees give consent to receive W-2 forms in a secure electronic format.

Once consent is given, it carries forward each year and does not need to be repeated. Employees will be given an opportunity to change how they receive W-2 forms in 2013.

The benefits of receiving W-2 forms electronically include: Earlier access to W-2 forms than the traditional mail process; eliminates the chance that a W-2 statement will be lost, stolen, delayed or misplaced during delivery or after it is received; access available through the secure website ESS on Firefly, which allows employees access to wage information at any time of the day; employees can print multiple copies; and participants contribute to cost savings (forms, printing and postage) for the university.

Employees who choose the paper option will not have access to the W-2 form online.

To select how a W-2 is received, log in to Firefly at <http://firefly.nebraska.edu>; click on the "Enroll Now" link or click on ESS, then Payment and select "Enroll for Online W-2 Tax Year 2012."

Employees should then select if they want to receive the W-2 statement online or paper. To finish the selection process, click the "understand and accept the terms and conditions" box, and finally the "submit and save" button.

Employees who opt for the electronic W-2 will receive a confirmation email. The option can be changed as many times as desired up to the deadline.

The deadline to submit a W-2 choice is 5 p.m. Dec. 31. Employees who do not make a selection will automatically be enrolled to receive traditional paper W-2 forms.

Mailroom open Dec. 27

During the holiday shutdown, the UNL mailroom will be open Dec. 27. No mail will be delivered during the shutdown, Dec. 24 to Jan. 2.

Staff will work 5 to 11 a.m. Dec. 27. Mail pickup will be available from 9 to 11 a.m. that day. University employees must present a mail authorization card and a valid NCard to pick up mail. Regular campus mail delivery will restart on Jan. 2.

For more information, contact Karen Ouellette at 402-472-2533 or Ken Reining at 402-472-7029.

UHC proposal moves forward

UNL has received a recommendation from the evaluation committee reviewing the proposal for UNL's student health services to continue to the next phase in the Request for Proposal process.

Bryan Health was the only bidder responding to the September RFP that sought proposals to take responsibility for student health as early as this spring. The evaluation committee has reviewed the proposal and held presentations for constituent groups.

UNL is now pursuing discussions with Bryan Health.

Financial counseling available

Free one-on-one financial counseling sessions are being offered to faculty and staff in December.

Remaining TIAA-CREF sessions are at the East Union (room posted) Dec. 19, and at the Wick Alumni Center Library Dec. 20. Sign up by calling 1-800-732-8353 between 8 a.m. and 5 p.m. After hours messages can be left at 1-866-842-2908, ext. 0.

The only remaining Fidelity session is at the East Union Dec. 19 (room posted). Sign up by calling 1-800-642-7131.

Faculty Senate to meet Jan. 15

The next meeting of UNL's Faculty Senate is 2:30 p.m. Jan. 15 in the East Union, Arbor Suite.

Committees expected to report are: Curriculum; Intercollegiate Athletics; and Teaching Council.

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

Three named AAAS fellows

Three UNL professors on Nov. 29 were named Fellows of the American Association for the Advancement of Science — the world's largest general scientific society. It's the first time three UNL scientists achieved the honor in the same year.

The tradition of naming AAAS Fellows goes back to 1874. It is a peer-designated selection based on scientific

cally or socially distinguished efforts among scientists to advance science or its application.

This year, 702 members are awarded this honor by AAAS, and will be presented with a certificate and a gold and blue (representing science and engineering, respectively) rosette pin on Feb. 16 during the 2013 AAAS Annual Meeting in Boston.

Alfano focussed on plant pathogen work

James Alfano is awarded an AAAS fellowship for distinguished contributions in research of plant pathogens.

Alfano said he was flattered when he learned he had been named to the esteemed list after being nominated by UNL plant pathology professor James Van Eten, who also is an AAAS Fellow and a member of the National Academy of Sciences.

"It feels great, and it's nice to be recognized by such a prestigious organization," Alfano said. "It was an honor just being nominated, a recognition of our hard work, and we're going to continue to work hard."

Alfano is Charles Bessey Professor in the Department of Plant Pathology. He has been at UNL since 2000. He researches how bacterial pathogens cause disease in plants and how their strategies differ from the strategies employed by the bacterial pathogens of animals.

His seven-member lab, which is associated with the Department of Plant Pathology and the Center for Plant Science Innovation at UNL, focuses on the pathogen *Pseudomonas syringae* and its interaction with plants.



James Alfano

The pathogen's key feature is a bacterial protein secretion system that injects bacterial proteins into plant cells, which allows it to grow in plants and eventually cause disease. Alfano's research delves into plant cells to determine precisely how the bacterial proteins modify them to favor disease.

"We're working to understand how and what (*P. syringae*) is targeting inside plant cells," he said. "Our ultimate goal is to identify new components of plant immunity. We've learned a lot about this plant-pathogen interaction — now we want to transform that knowledge into improvements in agriculture."

Opportunity to explore drives Nastasi

Mike Nastasi said the thrill of the discovery following an experiment is what drives him to explore. He is honored by AAAS for contributions in energy, manufacturing, nanotechnology and microelectronics.

Nastasi is director of the Nebraska Center for Energy Sciences Research and Elmer Koch Professor of mechanical and materials engineering. Established in 2006, the center facilitates collaborative research into renewable domestic energy resources and energy efficiency to create economic opportunities for Nebraska. It is a partnership between UNL and Nebraska Public Power District and other industry partners. He previously worked with the Department of Energy at Los Alamos National Laboratory in New Mexico. He focuses on developing materials for extreme radiation environments.



Mike Nastasi

Earlier this year he was awarded a \$980,000 the three-year project from the Department of Energy to improve nuclear reactor safety, performance and cost competitiveness.

"I have been fortunate enough to be a fellow of a number of societies, my first being as a fellow in Los Alamos National Laboratory, then the American Physical Society, Materials Research Society, now the AAAS," Nastasi said. "All these are fantastic recognitions, and years of hard work have paid off. With this recognition, one of the important things that has to happen is your colleagues have to think well enough of you to nominate you. So this is quite an honor."

Nastasi researches radiation tolerance and mechanical properties

of nanostructured ceramic/metal composites — a subject that has increased in importance over the years and has allowed him to delve into new areas of exploration.

"I've been working in radiation effects since I was a grad student and have remained flexible over the years because the application for radiation effects is a moving target," he said. "When I was doing my Ph.D. thesis, which was on understanding materials for nuclear reactor environments, Three Mile Island happened... and the funding dried up, so I started looking into how radiation effects could be used to synthesize novel materials for industrial applications, and that ultimately led to a cooperative research agreement with Los Alamos and General Motors to help GM develop engine components that lasted a long time."

The development of a process

and technology to allow aluminum pistons to run with low-coefficient friction without a lubricant, resulting in an R&D 100 award. That led to looking at similar types of processes with different materials.

"I'm an experimentalist. So when we do an experiment and then analyze it to see the end result... every day would be like Christmas morning, because I never knew — I had a hint — and it was a fascinating experience to see what really happened, then put together and understanding of why what happened, happened, then come up with a theory and scientific method to change the parameters and go back and change the hypothesis," he said.

Nastasi plans to continue his research and write textbooks so others can benefit from learning from his research.

Bagby, Dorn earn Kudos awards

David Bagby and Gregory Dorn received University Kudos Awards at the Oct. 26 meeting of the University of Nebraska Board of Regents. Bagby is information technology services manager for the College of Fine and Performing Arts. Dorn is a research technologist II for the Department of Agronomy and Horticulture.

Christin Mamiya, associate dean of Fine and Performing Arts, nominated Bagby. She said Bagby is central to the smooth functioning of technology operations in the college and he contributes significantly to tech activities campuswide.

Bagby manages a staff of three and helps manage hardware replacement across the college, a server system and a storage area network. He also keeps up with the latest software and features, builds budget spreadsheets that incorporate maintenance costs, upgrades and licensing fees.

Bagby also serves on the Faculty Senate Information Technologies and Service Commission.

Dorn is responsible for conducting and supervising the

wheat, barley and triticale field research programs in Agronomy and Horticulture. He manages the field program sites, field research graduate students, student works and safety protocols and procedures.

Dorn's nominator reported that Dorn, in the last five years, has been responsible for integrating software that weighs and takes grain measurements as research crops are harvested and tracks seeds planted via global positioning satellites.

Dorn also uses his field experience to teach students, who often have little previous wheat experience, how to make UNL experiments succeed.

"Greg's commitment to excellence was a primary factor in the recent recognition of the UNL wheat breeding project by Bayer Crop Science and state organizations," wrote a nominator.

The Kudos Award is a university-wide honor presented by the regents to celebrate staff who go above and beyond in their work for the university. For more information, go to <http://go.unl.edu/ukp>.

VENUES

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Verhein said her staff is focused on UNL's graduation ceremonies this week. However, she said there is a buzz about gaining access to Memorial Stadium in May.

"As far as we know, graduation has never been held in Memorial Stadium," said Verhein. "It's going to be a real opportunity to do something very creative and give our graduates a very unique experience."

Plans for May exercises are still being crafted. But Verhein said the initial idea is to have the stage on the east side of the field, graduates seated in front of the stage and in the stands, and graduate families and friends in the stands.

The ceremony will include presentation of both graduate and undergraduate degrees. The stadium screens will also be used. A special music option is also under consideration.

Overall, Verhein said her staff is excited about taking commencement to new locations in 2013.

"We have a whole year of innovation ahead and my entire staff can't wait to get started," said

Commencement Staff

University staff who help Jennifer Verhein with UNL commencement exercises and colleges for which they clear degree candidates:

Eva Bachman, Graduate Studies

Karen Byleen, Education and Human Sciences

Casey Cain, Arts and Sciences

Terri Eastin, Graduate Studies

James Fuenning, Agricultural Sciences and Natural Resources, Fine and Performing Arts, and with staff in Public Affairs and Community Service

Patricia Rathe, Engineering, Journalism and Mass Communications

Melody Torske, Business Administration, Architecture

Verhein. "They do exceptional work and are always willing to step up because they know how important the spectacle of commencement is to our graduates, families, friends and administrators."

"No matter where we hold commencement, my staff will make it work."

COMMENCEMENT

continued from page 1

of animal science at UNL, will give the address at the graduate ceremony; Jeff Zeleny, the national political correspondent for the New York Times, will give the address at the baccalaureate ceremony; and Judge Michael W. Pirtle of the Nebraska Court of Appeals will give the address at the law ceremony.

Both Zeleny (1996, journalism and political science) and Pirtle (1978, law) are UNL graduates.

For more information on the speakers, go to <http://go.unl.edu/byd>.

All ceremonies are free and open to the public, and tickets are not required. The ceremonies will be Web-streamed live from the Devaney Center through a link at the UNL website, www.unl.edu. Parking is free.

Anyone posting to Twitter during the ceremonies is asked to use the hashtag #UNL2012.



Calkins



Zeleny

New Hires

UNL welcomes these new employees hired in November. For more information on the "New Hires" list, contact Troy Feddersen at tfeddersen2@unl.edu or 402-472-8515.

Jeffrey Avey, Scholarship and Financial Aid, financial aid specialist
Kristin Botz, Law, legal assistant
Amanda Colborn, Harper-Schramm-Smith Dining Service, dining service clerical associate
Ashley Colee, Financial Services, administrative technician I

Welcome • Dobrodošli • Willkommen • Vitāme vās • Fungihng • Tervetuloa • Aloha • Selamat datang • Fāilte • Haykuykay • Dobra pažalovat' • Hoan nghênh • E ku alo

Mark Doyle, Office of the Vice President/Vice Chancellor, director
Kurtis Gierhan, U.S. Meat Animal Research Center, ag research technician I
Drew Goeden, University Health Center, physical therapy assistant
Douglas Hallum, Natural Resources Survey Division, survey hydrogeologist
Robert Harris, Education Abroad, administrative technician
Jon Hilburn, Technical Agriculture, accounting associate
Heqing Ji, Registration and Records, CDMA clerk

Abram Lueders, University Television, web interactive project assistant
Julia McCoy, Abel-Sandoz Dining Service, dining service associate
Denise Meyer, Center for Research on Youth, Families and Schools, assessment scoring manager
Seth Ossowski, Abel-Sandoz Dining Service, dining service associate
Kurt Preston, Research, associate vice chancellor for research
Jason Ross, Building Systems Maintenance, building systems technician — structural

Angel Shafer, Center for Children, Families and the Law, system administrator
Jennifer Sherman, West Central Research and Extension Center, research technologist I
Casandra Siefkes, Modern Languages and Literatures, staff secretary III
Laura Silsbee, Registration and Records, clerical assistant II
Mort Stubblefield, Building Systems Maintenance, manager, pest control
Hayley Sutter, Public Policy Center, senior office associate

Thomas Tegley III, University Police, community service officer
Tyler Thomas, University Communications, social media specialist/content coordinator
Hai Dang Trinh, Selleck Dining Service, dining service custodian
Sarath Vijayakumar, Special Education and Communication Disorders, research assistant professor
Isseu Youm, University Dining Services East, senior dining service associate
Jing Zhang, Biochemistry, assistant professor of practice

Published by the Office of University Communications

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How to submit news items

Submit news items, announcements, briefs and calendar events to scarlet@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 Feddersen, editor, at tfeddersen2@unl.edu or 472-8515. Complete advertising information is also available online at <http://scarlet.unl.edu>.

Next edition: Jan. 31 • Submission deadline: 4 p.m. Jan. 24



On the masthead

Pictured is Chancellor Harvey Perlman's 2012 holiday ornament celebrating the 150th anniversary of the Morrill Act of 1862. If you know of a part of UNL that should be featured in the Scarlet mast-head, contact Troy Feddersen at tfeddersen2@unl.edu or 472-8515.

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MLK Week activities open with Jan. 18 ‘Freedom Breakfast’

Chancellor’s Program to feature survivors of 1963 church bombing

The 20th annual Martin Luther King Jr. “Freedom Breakfast” is 7:30 to 8:30 a.m., Jan. 18 at the Embassy Suites Hotel, 11th and P streets. The breakfast features a keynote by John M. Gerrard, U.S. District Court judge for the Nebraska district. Doors open at 7 a.m.

Tickets are \$20 per person and must be ordered by Dec. 21. For more information, or to order tickets, contact Jody Wood at 402-472-0085. Tickets will not be sold at the door.

The breakfast, part of MLK Week at UNL, is organized by UNL, Southeast Community College and Lincoln Public Schools. Proceeds from the event support scholarships for Lincoln students. Six \$1,000 scholarships were awarded in 2011.

UNL’s MLK Week (Jan. 18-25) activities also include the Chancellor’s

Program, 5 p.m. Jan. 22 in the Nebraska Union Auditorium. The program includes a keynote address by Tracy Snipe, a political scientist from Wright State University; and Sarah Collins-Rudolph and Junie Collins-Williams, surviving sisters of the 1963 16th Street Baptist church bombing in Birmingham, Ala.

The Chancellor’s Program will also include the presentation of UNL’s Fulfilling the Dream awards.

Other MLK Week activities include:

- Service Learning Project, 2 to 6 p.m. Jan. 23, starts at the Gaughan Multicultural Center, multiple sites across Lincoln.
- Outspoken: Open Mic MLK Tribute Night, 7 p.m. Jan. 23, Gaughan Multicultural Center.
- Afrikan People’s Union MLK Banquet, 7 p.m. Jan. 25, Nebraska Union ballroom.

Additional events are being planned. For more information on MLK Week activities, go to <http://mlkweek.unl.edu>.

New Hillestad exhibition inspired by grad seminar

“Parallel Circuits,” an exhibition that evolved from a graduate seminar course, Design Perspectives and Issues, is on display at the Robert Hillestad Textiles Gallery.

With an emphasis on the evolution of “Do It Yourself” movement and advancements in technology, students explored the DIY culture examining historical and contemporary texts, including how-to instructional magazines, online video tutorials and personal experimentation. Students learned how to create soft circuits, dissect electronic devices, and investigate new technology like muscle wire and conductive thread.

The exhibition features work by students, faculty and invited artists, emphasizing the importance of the senses: sight, hearing and touch. Wendy Weiss, professor of textiles, clothing and design and director of

the Hillestad Gallery, directed the seminar. Participating students are: Adrienne Anderson and Lindsay Ducey of Omaha; Samuel Berner of Rockville, Md.; Gregory Scott Cook of Murray, Ky.; and Molly J. McPherson of Glen Lyon, Pa.; with additional work by Bryan Day, Jay Kreimer and Weiss.

Little Bits, an open source library of electronic modules that snap together, provided a starter kit for demonstration in the gallery. Visitors will have a chance to build their own snap-together circuits at a workspace set up in the gallery. The products are designed for ages 8 and older.

The collection is on display through Jan. 18. An artist reception is 6 to 8 p.m. Jan. 11. The gallery is located on the second floor of the Home Economics Building.

Colonial Revival quilts featured at IQSCM

By Laura Chapman
International Quilt Study Center and Museum

Long before Pinterest or Martha Stewart, the do it yourself culture thrived in the United States. The International Quilt Study Center and Museum’s newest exhibition, “Perfecting the Past: Colonial Revival Quilts,” explores a movement from 1880-1940, when Americans looked to antique objects for inspiration and used patterns from newspapers to make goods inspired by the past.

The exhibition is on display through Sept. 1.

“The Colonial Revival reflected Americans’ unsettled feelings about changing social, economic and cultural conditions,” said Jonathan Gregory, assistant curator of exhibitions. “One way Americans dealt

with the changes was looking to the past. They developed nostalgia for the time before industrialization and the Civil War and borrowed from its architecture, interiors and hand-crafts.”

The exhibition features quilts and other domestic artifacts, such as flatware and porcelain tableware, representative of the movement.

Lectures and public programming will be held in conjunction with the exhibition during its run. For more information, go to www.quiltstudy.org and click on “Calendar” to view upcoming events.

“Burgoyne Surrounded,” maker unknown, West Virginia, 1935-1940, 84 x 58 in.

calendar

events | films | theater | exhibitions | lectures

Friday Dec. 14 Last day of fall semester final exams.	UNL offices reopen after holiday close-down.
Graduate Commencement and Doctoral Hooding, 3 p.m., Devaney Sports Center. Call 402-472-3636	Husker women’s basketball vs Wisconsin, 7:05 p.m., Devaney Center.
Saturday Dec. 15 Undergraduate Commencement, 9:30 a.m., Devaney Sports Center. Call 402-472-3636	Friday Jan. 4 First Friday Exhibition Opening, “The Great Plains: America’s Lingerin Wild —Photographs by Michael Forsberg,” Great Plains Art Museum. Call 402-472-0599
Sunday Dec. 16 Sunday with a Scientist, “Platte Basin Time-lapse Project,” Michael Farrell and Michael Forsberg, 1:30 p.m., Morrill Hall. Call 402-472-3779	Saturday Jan. 5 Husker women’s basketball vs Purdue, 1 p.m., Devaney Center.
Tuesday Dec. 18 Husker men’s basketball vs Jacksonville State, 8 p.m., Devaney Center.	Sunday Jan. 6 Last day of open registration for spring semester
Thursday Dec. 20 Husker women’s basketball vs Oral Roberts, 7:05 p.m., Devaney Center.	Husker men’s basketball vs Wisconsin, TBA, Devaney Center.
Monday Dec. 24 Holiday closdown begins. Continues through Jan. 1.	Monday Jan. 7 Spring semester begins.
Saturday Dec. 29 Husker men’s basketball vs Nicholls State, 2 p.m., Devaney Center.	Late registration begins (\$25 late fee assessed).
Sunday Dec. 29 Husker men’s basketball vs Grambling State, 7:05 p.m., Devaney Center.	Friday Jan. 11 Professional Development Day for Educators, 8:30 a.m., Nebraska Union. Call 402-472-3145
Wednesday Jan. 2	Huskers track and field, Holiday Inn



This wide-angle shot of a soybean harvest, taken by Ken Bruce of Grand Island, won the food division of the Nebraska Innovation Campus “Food, Fuel and Water” photo contest. The contest was sponsored by the Nebraska Wheat Board.



The other photo contest winners were: (top) Fuel division, “Sunrise Sunflower” by Benjamin Vogt of Lincoln; and Water Division, Bradley Jensen of Omaha with this photo of an August storm rolling over the horizon.

Food, Fuel & Water in focus NIC photo contest winners announced

Three stunning photographs of Nebraska’s food, fuel and water will decorate the halls of new facilities at Nebraska Innovation Campus. The winning photographs were unveiled Nov. 16 at the celebration and announcement of the campus’s first research collaborator — ConAgra Foods.

Ken Bruce of Grand Island, Benjamin Vogt of Lincoln and Bradley Jensen of Omaha shot the winning photos. Each won an iPad contributed by the contest sponsors, and will have their winning photographs displayed at Nebraska Innovation Campus.

Bruce is the winner of the food division of the photo contest. The Nebraska Wheat Board sponsored the contest. Bruce’s photo is a wide-angle shot of a soybean harvest.

Vogt is the winner of the fuel division of the photo contest, sponsored by the Nebraska Soybean Board. Vogt’s photo, “Sunrise Sunflower,” depicts the fuel of Nebraska — sunlight. “Energy fuels our wildlife, our cropland, our people,” Vogt said in his entry.

Jensen is the winner of the water category of the photo contest, sponsored by the Nebraska Corn Board. His photo depicts an August storm rolling in over the horizon. The shot was taken at Cuming City Cemetery north of Blair.

More than 300 photos were submitted.

— Kelly Bartling, University Communications

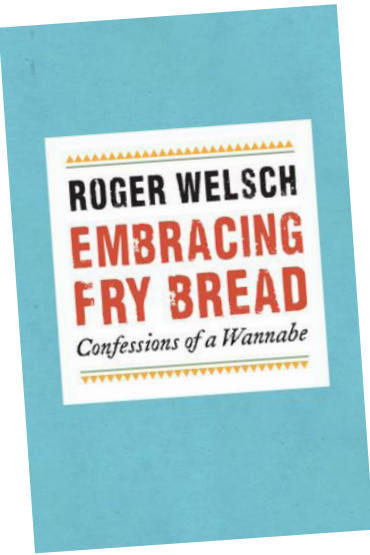
Welsch writes book about his Native American experiences

A new book by Roger Welsch, adjunct professor of anthropology, tells the story of his lifelong relationship with Native American culture.

Published by University of Nebraska Press, “Embracing Fry Bread: Confessions of a Wannabe” describes Welsch’s pilgrimage through Native life, from lessons in the vagaries of “Indian time” and the difficulties of the reservation, to the joy of being allowed to participate in special ceremonies and developing a love for fry bread. In the book Welsch shares his mistakes and successes navigating another culture.

Welsch is the author of more than 40 books. He is also an adopted member and kin of both the Omaha and Pawnee tribes.

For more information, go to www.nebraskapress.unl.edu.



BFA Capstone closes Dec. 14

The work of 20 graduating seniors in Art and Art History is featured in the BFA Capstone Exhibition, open through Dec. 14 in the Eisentrager-Howard Gallery in Richards Hall.

A closing reception is 5 to 7 p.m., Dec. 14 in the gallery. The gallery is open 12:30 to 4:30 p.m. Monday to Thursday and 12:30 to 7 p.m. on Fridays. Admission is free.

The Capstone Exhibition represents students’ most recent work, which is a culmination of their coursework and exploration in studio art at UNL.

For more information, call 402-472-5522.

NU Press to publish journals

A new agreement has expanded the publishing relationship between UNL’s Center for Great Plains Studies and the University of Nebraska Press.

Under the terms of the deal, the NU Press will assume responsibility for production, marketing and subscription services for the Center for Great Plains’ flagship journals, “Great Plains Quarterly” and “Great Plains Research.”

<http://go.unl.edu/5j5>

American Life

in Poetry

By Ted Kooser
U.S. Poet Laureate, 2004-2006

Among the most ancient uses for language are descriptions of places, when a person has experienced something he or she wants to tell somebody else about. Some of these get condensed and transformed into poetry, and here’s a good example, by Susan Kolodny, a poet from the Bay Area of California.

Koi Pond, Oakland Museum

Our shadows bring them from the shadows:
a yolk-yellow one with a navy pattern
like a Japanese woodblock print
of fish scales.
A fat 18-karat one splashed
with gaudy purple
and a patch of gray. One with a gold head,
a body skim-milk-white,
trailing ventral fins
like half-folded fans of lace.
A poppy-red, faintly disheveled one,
and one, compact, all indigo in faint green water.
They wear comical whiskers
and gather beneath us
as we lean on the cement railing
in indecisive late-December light,
and because we do not feed them,
they pass,
then they loop and circle back.
Loop and circle. Loop.
“Look,” you say, “beneath them.”
Beneath them,
like a subplot or a motive, is a school
of uniformly dark ones, smaller,
unadorned,
perhaps another species,
living in the shadow
of the gold, purple, yellow, indigo,
and white,
seeking the mired roots
and dusky grasses,
unliveried, the quieter beneath the quiet.

Poem copyright © 2011 by Susan Kolodny from her first book of poems, *After the Firestorm* (Mayapple Press, 2011). Poem first appeared in the New England Review, Vol. 18, no. 1, 1997. Reprinted by permission of Kolodny and the publisher. Introduction copyright © 2012 by The Poetry Foundation. This column is made possible by the Poetry Foundation (www.poetryfoundation.org) and supported by the UNL Department of English. This column does not accept unsolicited manuscripts.

Next Scarlet publishes Jan. 31

The next edition of the Scarlet publishes Jan. 31. The deadline to submit items for publication is 4 p.m. Jan. 24.

Other publication dates in the spring semester are Feb. 28, March 28, April 25 and May 30. The submission deadline for each edition is seven days prior to publication.

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

Classified Ads

ADVERTISE IT HERE

The Scarlet accepts classified ads. Cost is \$10 for 30 words or less. For additional information go online to www.unl.edu/scarlet or call 402-472-8515. The classified deadline is 4 p.m., Dec. 6 for the Dec. 13 edition of the Scarlet

Commencement Dec. 15 Graduate commencement and doctoral hooding, 3 p.m. Dec. 14; Undergraduate commencement, 9:30 p.m. Dec. 15; both at the Devaney Sports Center	Big Ten home opener Jan. 2 and 6 Husker women’s basketball vs Wisconsin, 7:05 p.m. Jan. 2; Husker men’s basketball vs. Wisconsin, TBA, Jan. 6; both at the Devaney Sports Center	MLK Week Jan. 18-25 Includes MLK Freedom Breakfast on Jan. 18 and the Chancellor’s Program and keynote on Jan. 22. Learn more at http://mlkweek.unl.edu .	‘Armory Show’ opens Jan. 22 Exhibition of the art that introduced Americans to European modernism, Sheldon Museum of Art.	DN Fashion Show Jan. 31 Fashion show sponsored by the Daily Nebraskan, 7 p.m., Nebraska Union
Invitational, all day, Devaney Center. indoor track.	Call 402-472-0085	refund.	Media Arts Center. Call 402-472-0911	Modern Madness: Revisiting the Armory Show, Jan. 22 to April 21
Saturday Jan. 12 Huskers track and field, Holiday Inn Invitational, all day, Devaney Center. indoor track.	Performance, hypnotist Jim Wand, 7 and 9 p.m., East Union.	Last day to apply for residence for the spring semester.	Tuesday Jan. 29 Education Abroad Fair, 11 a.m., Nebraska Union. Call 402-472-5358	Cinema UNL screenings <i>Movies are at the Ross Media Arts Center unless otherwise noted.</i>
Nebraska rifle team vs Air Force, 8 a.m., NU Rifle Range.	Husker wrestling vs Illinois, 7 p.m., Coliseum	Final day to apply for a degree in May.	Insights Into Internships workshop, 4 p.m., Nebraska Union. Call 402-472-3145	<i>Movies are at the Ross Media Arts Center unless otherwise noted</i>
Husker women’s tennis vs Eastern Michigan, 10:30 a.m., Nebraska Tennis Center	Saturday Jan. 19 All course withdrawals noted with a grade of “W” on academic records.	Nebraska Conference for Undergraduate Women in Mathematics, opens at 3 p.m., and continues through Jan. 27, Embassy Suites, 1040 P St. Call 402-472-8979	Launch of the Prairie Schooner’s Native American issue, featuring author Sherman Alexie, 7 p.m., Mary Riepma Ross Media Arts Center. Call 402-472-0911	<i>Movies are at the Ross Media Arts Center unless otherwise noted</i>
Monday Jan. 14 Spring semester census (last day for late registrations and adds, including adds of thesis/dissertation credits)	Husker track and field, Adidas Classic, all day, Devaney Center. indoor track	Husker men’s basketball vs Illinois, 7:30 p.m., Devaney Center.	Hixson-Lied Concert Series featuring the Chiara String Quartet, 7:30 p.m., Kimball Recital Hall. Call 402-472-6865	How to Survive a Plague, through Dec. 13
Last day to drop a full semester course and receive 100 percent refund.	Husker swimming vs San Diego State, 1 p.m., Devaney natatorium.	Wednesday Jan. 23 Nebraska Gateway to Nutrigenomics Seminar, “Genome Engineering: Concepts, Methods and Advances,” Chonabasavalin Gurumurthy, University of Nebraska Medical Center, noon, East Union. Call 402-472-3826	Perfecting the Past: Colonial Revival Quilts, through Sept. 1	Price Check, through Dec. 20
Creating Inclusive Spaces Workshop, 3 p.m., Gaughan Multicultural Center.	Husker women’s gymnastics vs Michigan State, 6 p.m., Devaney Center.	MLK Week Service Learning Project, 2 to 6 p.m., various sites across Lincoln, meet at the Gaughan Multicultural Center	Indigo Gives America the Blues, through June 2	The Waiting Room, Dec. 14-20
Tuesday Jan. 15 Professional Development Day for Educators, 8:30 a.m., Nebraska Union. Call 402-472-3145	Monday Jan. 21 Martin Luther King Jr. Day, campus offices closed.	MLK Week Open Mic Tribute Night, 7 p.m., Gaughan Multicultural Center. Call 402-472-0085	Thursday Jan. 31 Career Fair Prep: Employer Panel and Resume Reviews, 4 to 7 p.m., Nebraska Union. Call 402-472-8029	Starlet, Jan. 4-10
Chancellor’s University Safety Committee Quarterly Meeting, 3 p.m., 17th and R streets parking garage. Call 402-310-5117	Tuesday Jan. 22 Exhibition opens, “The Armory Show,” 10 a.m., Sheldon Museum of Art.	Thursday Jan. 24 MLK Week, Afrikan People’s Union MLK Banquet, 7 p.m., Nebraska Union. http://mlkweek.unl.edu .	Daily Nebraskan Fashion Show, 7 p.m., Nebraska Union. Call 402-472-2589	The House I Live In, Jan. 25-31
Heuermann Lecture, “Improving Animal Welfare and Communication with the Public,” Temple Grandin, Colorado State University, 7 p.m., Hardin Hall auditorium. Call 402-472-3031	Friday Jan. 18 Last day to drop a full semester course and receive 75 percent refund	Career Services’ Job Search Survival workshop, 3 p.m., resumes and coverletters; 4 p.m., networking; 5 p.m., interviewing with an employer panel; 6 p.m., international students; Nebraska Union. Call 402-472-3145	Minerals and Meteorites, through November 2013	Planetarium Morrill Hall www.museum.unl.edu
MLK Freedom Breakfast, keynote by John M. Gerrard, U.S. District Judge, 7:30 a.m., Embassy Suites, 1040 P St.	Last day to drop or remove a course	Husker women’s tennis vs Creighton, 4 p.m., Nebraska Tennis Center	Women Call for Peace: Global Vistas, through Jan. 13	Dark, 2 and 3 p.m. Saturdays and Sundays
MLK Week Chancellor’s Program, key-	Huskers track and field, Holiday Inn	MLK Week Chancellor’s Program, key-	The Geometric Unconscious: A Century of Abstraction, through Jan. 20	Sea Monsters, 7 p.m. Thursdays (no show Nov. 22)

CODES

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this graduate level course. I told the students about the idea and they bought in.”

Lopez took the students on his standard tour, though this time the teacher held back a few facts. Paired into teams of two, the students selected graves that interested them and went to work on the research.

“I let the stones talk to them,” said Lopez. “It was interesting because I thought the students would pick more grandiose things. Several of them decided that meant the family had money and in death they continued to show off. The students decided those families had enough exposure and selected more common people.

“That surprised me in a good way.”

One of the student teams — Katie Mohr-Wassinger and Heather Harris, both graduate students in elementary education — selected the graves of the Walton family.

“During the tour, we noticed six of them died in 1882 and professor Lopez gave a hint that they died of diphtheria,” said Harris. “That was true, but it only got worse from there.”

Searching through census records, newspaper clippings, the Nebraska State Historical Society archives and myancestry.com, they learned that the Walton family had nine children, six of whom died in 1882. In 1891, the mother died three days after living through a

Electronic Quick Response Codes (QR Codes)

Originally designed for industrial uses, QR codes have become common in advertising promotions. Through specialized apps, smart-phones can scan the codes and be directed to a specific website. Students in Bill Lopez’ class are using the codes to give individuals the chance to learn more about the history of people buried at Wyuka Cemetery. Direct links to websites built by the students include:

<http://waltonfamily.name>
<http://coralsherwood.com>
<http://www.hathawayfamily.info>
<http://www.robertallington.com>



Scan this QR code to access information on the 9/11 memorial at Wyuka.

gas-stove fire.

The story continued to see the father remarried, divorced and institutionalized. The remaining three siblings also died — two by suicide.

The father, a wealthy property owner, remarried and was quickly divorced.

“We couldn’t believe how far it just kept going, one thing after another,” said Mohr-Wassinger. “It really says something about how mental health can be genetic.”

Kassebaum met with the students throughout the project, providing web design guidance.

“I think a project like this is definitely something I plan to do in my own classroom some day,” said Courtney Breitreutz, a graduate student in elementary education. “It’s a project that’s not just for a teacher to read and throw away. To put it online and provide historic information to the public serves a

greater purpose. And, it’s also something that students can get excited about.”

While he plans to continue to have graduate students research Wyuka graves, Lopez may also see the project expand in the future.

“We are already in talks with the Nebraska Historical Society about putting QR Codes on every roadside historical marker in the state. There are about 500 of them,” Lopez said. “And there is an interest in putting QR Codes on the busts in the Nebraska capitol’s Hall of Fame.”

Lopez also believes Nebraska school teachers may be interested in adopting small rural cemeteries and developing a similar QR Code project.

“I could also see it used for historic buildings,” said Lopez. “It’s mindboggling when you sit down and think where this simple project could go.”

Awards and Honors

Press club honors chancellor

The Omaha Press Club honored Chancellor Harvey Perlman as the newest “Face on the Barroom Floor” during a Nov. 19 roast and dinner. The event was held at the Press Club, 1620 Dodge St., in Omaha.

Presented by the Omaha Press Club since 1971, the award honors newsmakers who have made an impact on the community.

The actual award is a carica-

ture drawn by artist Jim Horan. The drawings are unveiled during a roast and toast of the award-winner. The caricatures are placed on the Omaha Press Club’s floor to be walked on and admired until being framed and hung on a wall with other drawings of newsmakers.

The “Faces on the Barroom Floor” is an award unique among press clubs nationwide.

<http://go.unl.edu/jp9>

Jazz Education Network picks Haar to lead Midwest division

Paul Haar, associate professor of saxophone and coordinator of jazz studies, has been named Midwest division director for the Jazz Education Network. He will serve as coordinator/liaison between the network and Midwest directors and educators. He has also been named a featured soloist at two festivals in 2013.

Castro makes best books list

Joy Castro, associate professor of English and Ethnic Studies, has picked up another honor for her debut novel. Kirkus Reviews, an American book review magazine, has named her fictional work “Hell or High Water,” to its list of best books of 2012.

Alvarez named boss of the year

Timothy Alvarez, assistant vice chancellor for Student Affairs, was named Boss of the Year during the University of Nebraska Office Professionals Association luncheon on Nov. 13.

As winner, he received a \$500 cash award, a plaque and a one-year UNOPA membership.

Letters of support reported that Alvarez motivates employees by

taking an interest in their professional and personal growth.

Other nominees for the award were Richard Bischoff, professor of Child, Youth and Family Studies; David Jackson, associate dean in the Agriculture Research Division and Nebraska Agricultural Experiment Station; and Alan Moeller with the NU Vice President/IANR Vice Chancellor’s Office.

UNOPA selects Oldt awardees

UNL’s Tamera Brennan, Karen Jackson and Cheryl Wemhoff received awards during the Nov. 13 University of Nebraska Office Professionals luncheon.

Brennan, a financial assistant in the Business Administration dean’s office, received the Floyd S. Oldt Staff award. Jackson, a transfer credit evaluation specialist and programming assistant in the College of Agricultural Sciences and Natural Resources, and Wemhoff, a graduate admissions and program

coordinator in electrical engineering, each received a Floyd S. Oldt Silver Pen Award.

The Oldt Outstanding Staff Award recognizes a university office/service employee who demonstrates distinguished service and contributions to the university.

The Silver Pen Award honors two office/service employees who have demonstrated superior performance while employed at UNL and who have made significant contributions to the university.

CONSTRUCTION

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technology development center.

“As the construction progresses, people will realize that Nebraska Innovation Campus is really happening,” said Duncan. “We’ve had discussions with a number of potential partners. I’m looking forward to being able to show them something more tangible than a PowerPoint presentation.”

On Nov. 16, UNL announced that ConAgra Foods is the first private-industry partner at Nebraska Innovation Campus. The agreement extends an already-established relationship between UNL and ConAgra.

ConAgra Foods plans to use space in greenhouses at Nebraska Innovation Campus to grow and research tomatoes, such as those used in Hunt’s and Ro*Tel brands, alongside university students and faculty. ConAgra will also continue its research on popcorn at UNL.

The company also hopes the collaboration will create education and development opportunities for students as they further explore the possibility for research in emerging food safety practices and microbiology, robotics and their application in food commercialization.

Read more about the first Innovation Campus partnership at <http://go.unl.edu/unic1>.

In other Nebraska Innovation Campus news:

- Watch construction via a webcam. The feed is available at http://go.unl.edu/nic_webcam.

- Duncan said NIC has qualified for an energy conservation bond that makes possible the use of effluent water from Lincoln’s wastewater treatment facility in a geothermal system that will heat and cool the new campus.

- Demolition of the administration building for an old horse racing facility on the NIC grounds will take place in the spring or summer. Duncan said the work is on hold until the Nebraska Horsemen Benevolent and Protective Association moves out of the old location and into a new facility near U.S. Highway 77 and West Denton Road.

- Duncan said additional private-industry partners remain interested in Nebraska Innovation Campus. He said a second partnership may be announced in the first quarter of 2013.

- The timeline for complete build out of Nebraska Innovation Campus is 25 years. To fill the space in that amount of time, about 80,000 square feet must be built each year. The four buildings in Phase One include about 313,000 square feet of space. To keep the building on pace, Duncan said he hopes construction of building five will start within the next two years. Also, he said work on building six would need to start before building five is completed.

Research in focus

How devout are we?

Study shows evangelicals surge, Catholics wane

By Steve Smith
University Communications

The percentage of Americans who say they are strong in their religious faith has been steady for the last four decades, a new study finds. But in that same time, the intensity of some religious groups has surged while others — notably Roman Catholics — has faded.

Among the risers: Evangelicals, who have become more staunchly devout since the early 1990s. Meanwhile, Catholics now report

the lowest proportion of strongly affiliated followers among major American religious traditions. The drop in intensity could present challenges

for the Roman Catholic Church, the study suggests, both in terms of church participation and in Catholics’ support for the church’s social and theological positions. “On the whole, the results show that Americans’ strength of religious affiliation was stable from the 1970s to 2010,” said Philip Schwadel, a UNL sociologist who authored the study, to be published in the journal Sociology of Religion. “But upon closer examination, there is considerable divergence between evangelical Protestants on the one hand and Catholics and mainline Protestants on the other.”

Schwadel modeled data from nearly 40,000 respondents to the General Social Survey from 1974-2010 and created a measure for Americans’ strength of religious affiliation over time.

Overall, the proportion of Americans who said they were “strongly affiliated” with their religion increased from 38 percent in the 1970s to a high of more than 43 percent in the mid-1980s. That number slid to 37 percent by the end of the ‘80s and has remained stable ever since, the study showed.

Big changes came within the nation’s various denominations and religious traditions, however — most noticeably between Catholics and evangelicals. By 2010, about 56 percent of evangelicals said they considered themselves strong adherents to their faith. For Catholics, it was just 35 percent, four percentage points lower than mainline Protestants.

Powell, Schacht, Anderson and others began by tracking the birds. Male prairie chickens get together in spring and dance for females at a lek site, where male prairie chickens “boom”



COURTESY PHOTOS

Students led by UNL researcher Larkin Powell carefully capture and tag a prairie chicken. The work is part of a project researching how to best manage prairie chicken populations in western Nebraska.

Project helps prairie chickens thrive

By Sandi Alswager-Karstens
IANR News Service

Sandhills ranchers, land-owners and other public grass-land managers wanting to better manage prairie chickens soon will be able to thanks to UNL research.

Nebraska has one of the largest populations of greater prairie chickens in the United States. However, previous prairie chicken research has only been conducted on the tallgrass prairies of Illinois, Kansas, Wisconsin and Minnesota.

“We have this population in the Sandhills and decided to do something to keep it that way,” said Larkin Powell, professor in the School of Natural Resources.

Tallgrass prairies are taller and denser with grass height recommendations for optimum prairie chicken habitat much taller than the Sandhills average grass height.

Powell, rangeland ecology professor Walt Schacht, graduate student Lars Anderson and other students, are studying just how much grass prairie chickens need for good habitat for both nesting and brood rearing.

“Sandhills grasslands are not only shorter and less dense, but they are opened up by cattle grazing,” Schacht said. “So, people who want to manage for prairie chicken are dealing with grazing all the time.”

Sandhills grasslands provide dense cover up to a height of about 5 inches. Recommended height in the tallgrass prairie is 10 inches.

Powell, Schacht, Anderson and others began by tracking the birds.

Male prairie chickens get together in spring and dance for females at a lek site, where male prairie chickens “boom”



requires deferred grazing or reduced stocking rates. “This research tells us that if a prairie chicken can find a dense pocket, somewhere in that pasture, they can build a nest,” Schacht said.

Researchers also found they often chose the more densely vegetated swales between the rolling Sandhills.

Housed and centered at the Barta Brothers Ranch, the project was conducted on the private land of 10 to 15 ranchers in the area.

Another study involving how prairie chickens respond to wind turbine facilities also is in the works near Ainsworth.

A UNL Extension Circular soon will be available on managing prairie chickens.

This Agricultural Research Division project is done in collaboration with and receives support from the Nebraska Game and Parks Commission.

Learn more about this research at <http://ianrhome.unl.edu/web/ianr/growing>.



Spring Reading Sessions

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Is your child reading 1-3 years below grade level?

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Applications due by Dec. 4.

Learn more and download applications online at go.unl.edu/readingcenter



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Academic Affairs seeks to expand research options for undergrads

Academic Affairs is working to expand opportunities for undergraduate research experiences across campus.

UNL’s Undergraduate Creative Activities and Research Experience program was rated one of the top 28 university programs in undergraduate research by U.S. News and World Report last year. The UCARE program allows students to work alongside faculty on research or creative activity projects.

While UCARE remains a key campus program, Academic Affairs is looking to highlight other research opportunities available to students.

“We know that undergraduates participate in research outside of the UCARE program,” said Amy Goodburn, associate vice chancellor for Academic Affairs.

“Making visible all of the research opportunities available to students — whether paid, volunteer, or for class credit — is a key priority.

“Undergraduate research is proven to be a high-impact practice for student retention and engagement. As students at a Big Ten research institution, UNL undergraduates have unique advantages for incorporating research experiences into their academic careers.”

A new Undergraduate Research Faculty Advisory Board has been created to provide campuswide leadership to promote, expand and enhance research opportunities for undergraduates. The board is also charged with encouraging faculty involvement in these research experiences.

Members of the advisory board are: Dave Hansen, chair and professor of psychology; Carl Nelson, associate professor of mechanical and materials engineering; Melanie Simpson, associate professor of chemistry; Ted Hamann, associate professor of teaching, learning and teacher education; Sandra Williams, associate professor of art; and Laurie Bellows, associate dean and professor of practice of graduate studies.

Goodburn leads the board. She has also assumed oversight for the UCARE program, with functional support provided by Graduate Studies. Laura Damuth, long-time director of UCARE, has shifted her focus full time as director of national and international fellowships. Damuth is also associate director of the Honors Program.

Academic Affairs also created the Undergraduate Research Student Ambassador group this fall. The group includes 10 students who have participated in undergraduate research at UNL. The ambassadors promote UNL undergraduate research programs by giving short presentations to prospective and current students and faculty and staff.

Faculty and staff can contact Goodburn at agoodburn1@unl.edu with ideas for developing undergraduate research on campus.

STARTRAN

continued from page 1

recommended that, instead of purchasing new buses at \$400,000

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To register, go online at journalism.unl.edu or call Trudy at 402.472.7077



PHOTO CREDIT: ROSALIE WINARD



<http://heuermannlectures.unl.edu>

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HEUERMANN LECTURES

IMPROVING ANIMAL WELFARE AND COMMUNICATION WITH THE PUBLIC

TEMPLE GRANDIN

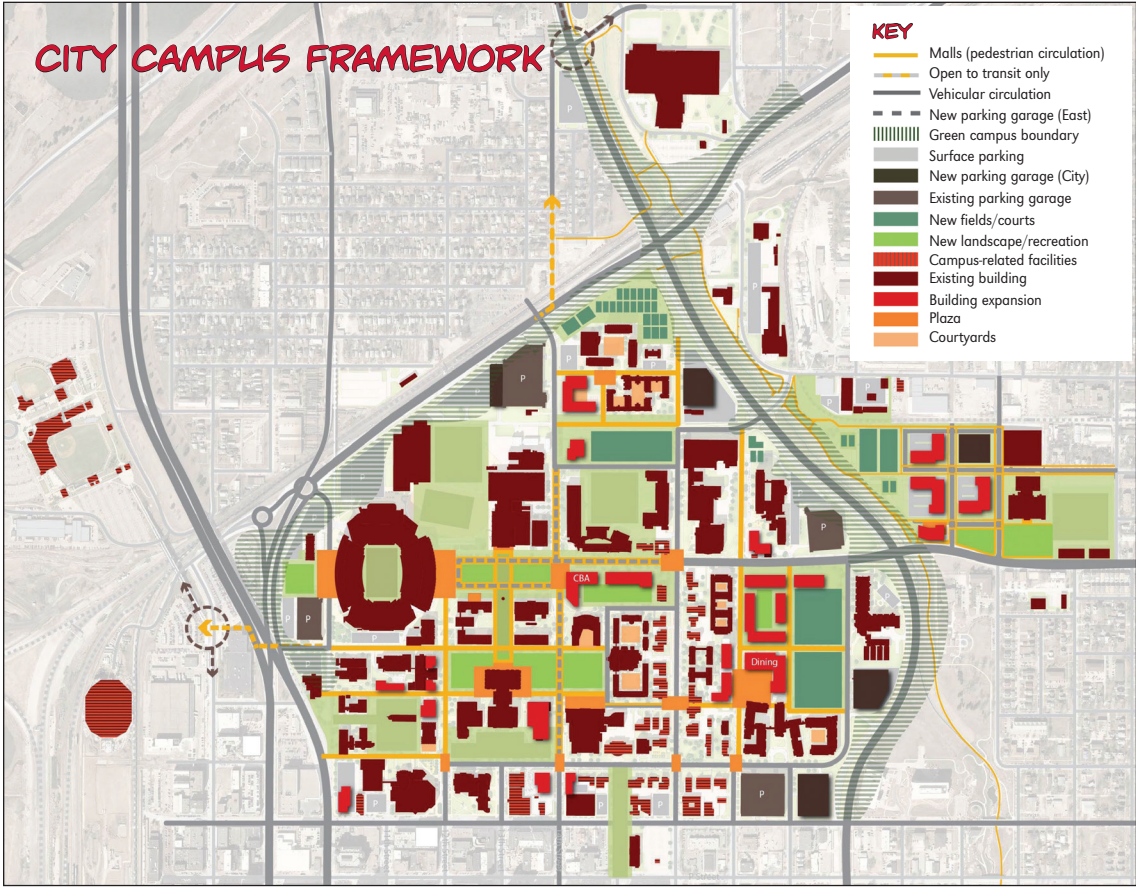
PROFESSOR OF ANIMAL SCIENCES, COLORADO STATE UNIVERSITY;
AUTHOR OF SEVERAL BOOKS INCLUDING “LIVESTOCK HANDLING AND TRANSPORT” AND “THINKING IN PICTURES”

7 P.M. TUESDAY, JANUARY 15, 2013
RECEPTION FOLLOWING THE LECTURE
HARDIN HALL, 33RD AND HOLDREGE, LINCOLN, NE

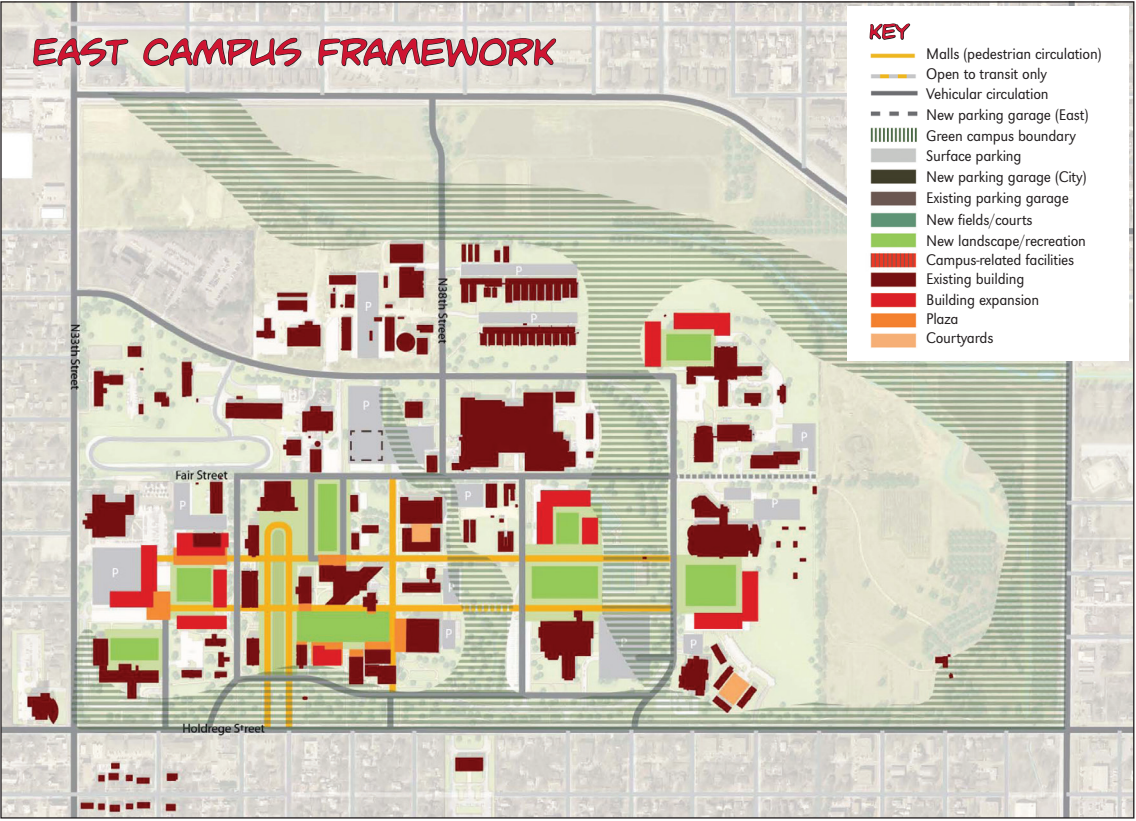
ANYONE WHO REQUIRES REASONABLE ACCOMMODATIONS UNDER THE AMERICANS’ WITH DISABILITIES ACT, PLEASE CONTACT JUDY NELSON AT 402.472.3031, OR JNELSON@UNL.EDU, TWO WEEKS PRIOR TO THE EVENT. THE UNIVERSITY OF NEBRASKA-LINCOLN IS AN EQUAL OPPORTUNITY EDUCATOR AND EMPLOYER.



Master plan update entering final stages



MAPS PROVIDED BY SASAKI ASSOCIATES



University Communications

Taking information gathered through online feedback and campus open house sessions, two new frameworks for the UNL Campus and Landscape Master Plans have been developed.

The frameworks, presented and crafted by representatives of Sasaki Associates, provide direction for the final push to craft the campus and landscape master plans.

“In both the City and East campus frameworks, you get a real sense for the direction and how things will be developed,” said Brie Henshold, a senior associate with Sasaki. “While we have that direction, not everything is fixed yet.”

The City Campus framework is a hybrid of three concepts presented in October. The crossroads concept — which would create primary pathways through campus — is the primary focus for City Campus.

“The crossroads concept is the most urban option and will help reach beyond campus boundaries, engaging downtown, Nebraska Innovation Campus, east toward Textron and growth areas in the Haymarket and the arena,” said Henshold. “Fourteenth Street will have the most character, helping move people through campus.”

The City Campus framework also includes closing Vine Street from 16th Street west to Memorial Stadium. The idea creates a distinct walking mall and civic space that leads from 16th Street, toward the stadium and past the new College of Business Administration Building (proposed at the corner of 14th and Vine streets).

“We believe that area could be transformed into a really special place,” said Henshold.

The 14th Street corridor, from R to Vine streets would also be open to shuttle buses as well as foot traffic.

Henshold said the framework outlines X Street as important for City Campus’ stormwater management. The plan also presents different ideas for space around Love Library North.

“One idea is to rethink the lower level of Love Library North, make

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it less about books and convert it into an open and active study hub,” Henshold said. “That would mean opening the building up more and possibly adding things like a coffee shop.”

Cather and Donaldson gardens might also change under the proposed framework. Henshold said the area could be reshaped to open up for informal play or outdoor classrooms or developed into academic building sites.

“There has been some strong support for the building site concept,” said Henshold.

The East Campus framework also includes a focus on crossroads and a rethinking of the loop road to improve traffic circulation.

“We’ve talked about what parts of the loop road that could be abandoned and what parts need to be retained,” said Henshold. “We’ve compromised on the initial idea to create an east-west crossroad. Now we’re looking to create a framework with a central spine where you continue to enter on Holdrege Street.”

She said the new framework concept operates closer to a standard grid system, with new north and south connectors.

“We really have been focused on how to increase circulation on East Campus,” Henshold said.

Other parts of the framework include converting the drainage corridor into a more attractive feature; upgrading the importance of the quad by the East Union; crafting a shuttle route that makes stops at the redesigned quad; and transforming the parking area northeast of the East Campus mall into green space.

Sasaki continues to seek feedback on the framework plans through the www.planbigideas.com website.

The next open house sessions are in January and will include more specific details and visuals about the master plans ideas. The dates of the open house sessions will be announced through Today@UNL.

Photo by NU/LANR

Nebraska Water Center Spring 2013 Water Seminar Series University of Nebraska

Wednesday, 3:30 – 4:30pm Hardin Hall First Floor Auditorium
Northeast Corner of N. 33rd & Holdrege Sts., UNL East Campus, Lincoln

- JAN 16 *Integrated Hydrologic Models: Building New Tools for Water Management*
Andrea Brookfield, University of Kansas
- JAN 23 *The Niobrara River Basin Study: Using Various Models to Assess Water Supplies and Demands*
Brandi Flyr, Nebraska Department of Natural Resources
- JAN 30 *Participatory Water Governance: Experiences & Issues from Around the World*
Kate Berry, University of Nevada, Reno

- FEB 6 WILLIAMS MEMORIAL LECTURE
Global Precipitation in the 21st Century
George Huffman, National Aeronautics and Space Administration
- FEB 13 *Do We Really Have Too Much Water Pollution? The Nexus Between Economic Science and Physical Science*
Steven J. Taff, University of Minnesota
- FEB 20 *The New Local Politics of Water*
Megan Mullin, Temple University
- FEB 27 *Resistance and Resilience of Aquatic Communities to Low Flow Disturbance*
Annika Walters, University of Wyoming

- MAR 6 *Adaptive Governance of Urban Watersheds*
Ahjond Garmestani, U.S. Environmental Protection Agency
- MAR 13 *Effects of the Zebra Mussel Invasion on Aquatic Ecosystems: the Hudson River and Beyond*
David Strayer, Cary Institute of Ecosystem Studies
- MAR 20 No Seminar (UNL Spring Break)
- MAR 27 *Dynamics of Transport and Fate of Solutes in Hydrologic Landscapes*
Adam Ward, University of Iowa

- APR 3 WILLIAMS MEMORIAL LECTURE
Implications for Water, Food and Energy from the Latest IPCC Climate Simulations
Lawrence Buja, National Center for Atmospheric Research
- APR 10 *Recent Variations in Low-Temperature and Moisture Constraints on Vegetation in the Southwestern U.S.*
Jeremy Weiss, University of Arizona
- APR 17 *The U.S. Drought of 2012: Once-in-a-Generation Crop Calamity*
Brad Rippey, US Department of Agriculture
- APR 24 *The High Plains Groundwater Availability Study: Abundant Groundwater Doesn't Necessarily Mean Abundant Surface Water*
Steven Peterson, US Geological Survey



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