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

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.

Vol. 22, No. 12

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.

/scarlet.unl.edu

Dec. 13, 2012

Chris. R. Calkins, professor COMMENCEMENT| page 3

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

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.



(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

raduate 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

CODES | page 6

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

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.



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

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 like Princeton, Boston College, UCLA and international fellowships, administers the Georgetown.

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 highest-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 high-

The Scarlet interview: Marjorie Kostelnik Dean of Education and Human Sciences

"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 29.

research, exchange ideas and contribute to est percentages of Fulbright application finding solutions to shared international conyield nationally — higher than universities cerns. In the past 65 years, more than 44,000

How important is it for EHS faculty

to find balance between teaching,

research/creative activity and commu-

nity outreach?

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

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

Employees have until

Dec. 31 to select how

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

Employees who choose the paper option will not have access

To select how a W-2 is received, log in to Firefly at http:/fire-

Employees should then select if they want to receive the W-2

Employees who opt for the electronic W-2 will receive a

Employees who do not make a selection will automatically

fly.nebraska.edu; click on the "Enroll Now" link or click on ESS,

then Payment and select "Enroll for Online W-2 Tax Year 2012."

statement online or paper. To finish the selection process, click

the "understand and accept the terms and conditions" box, and

confirmation email. The option can be changed as many times

The deadline to submit a W-2 choice is 5 p.m. Dec. 31.

able from 9 to 11 a.m. that day. University employees must pres-

ent a mail authorization card and a valid NCard to pick up mail.

For more information, contact Karen Ouellette at 402-472-

Regular campus mail delivery will restart on Jan. 2.

UHC proposal moves forward

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 Etten, 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 James Alfano Plant Pathology. He has been at

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

1874. It is a peer-designated selection based on scientifi-

The tradition of naming AAAS Fellows goes back to

achieved the honor in the same year.

James Alfano is awarded an

AAAS fellowship for distinguished

contributions in research of plant

UNL since 2000. He researches how bacterial pathogens cause disease in its interaction with plants. The plants and how their strategies difpathogen's key feature is a bactefer from the strategies employed by rial protein secretion system that injects bacterial proteins into plant the bacterial pathogens of animals. cells, which allows it to grow in His seven-member lab, which is associated with the Department plants and eventually cause disease. of Plant Pathology and the Center Alfano's research delves into plant for Plant Science Innovation cells to determine precisely how the at UNL, focuses on the pathobacterial proteins modify them to gen Pseudomonas syringae and favor disease.

Opportunity to explore drives Nastasi

Three named AAAS fellows

Alfano focussed on plant pathogen work

cally or socially distinguished efforts among scientists

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

This year, 702 members are awarded this honor by

"We're working to understand

how and what (P. syringae) is tar-

geting inside plant cells," he said.

"Our ultimate goal is to identify

new components of plant immu-

nity. We've learned a lot about this

plant-pathogen interaction - now

we want to transform that knowl-

edge into improvements in agri-

ing experience to see what really

happened, then put together and

understanding of why what hap-

pened, happened, then come up

with a theory and scientific method

to change the parameters and go

back and change the hypothesis,'

research and write textbooks so

where he said he did his most sig-

early on laid the foundation for a

Nobel Prize in 2003," he said. "We

In addition to scientific

research, the AAAS fellowship also

recognized Smith for his work in

science education and in defense

of academic freedom during his

"Some of the research we did

nificant scientific work.

Nastasi plans to continue his

he said.

from his research.

culture.'

to advance science or its application.

AAAS Annual Meeting in Boston.

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 microelec-

tronics. 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 previ-

Mike Nastasi ously worked with the Department

of Energy at Los Alamos National of nanostructured ceramic/metal and technology to allow aluminum Laboratory in New Mexico. He composites — a subject that has pistons to run with low-coefficient focuses on developing materials for increased in importance over the friction without a lubricant, resultextreme radiation environments. years and has allowed him to delve ing in an R&D 100 award. That led

Bagby, Dorn earn Kudos awards

David Bagby and Gregory wheat, barley and triticale field Dorn received University Kudos research programs in Agronomy Awards at the Oct. 26 meeting and Horticulture. He manages the of the University of Nebraska field program sites, field research Board of Regents. Bagby is graduate students, student works information technology services and safety protocols and procemanager for the College of Fine dures Dorn's nominator reported

and Performing Arts. Dorn is a that Dorn, in the last five years, research technologist II for the Department of Agronomy and has been responsible for integrating software that weighs and takes Horticulture.

Christin Mamiya, associate grain measurements as research crops are harvested and tracks dean of Fine and Performing Arts, nominated Bagby. She said Bagby seeds planted via global positionis central to the smooth functioning satellites. ing of technology operations in Dorn also uses his field experi-

the college and he contributes sigence to teach students, who often nificantly to tech activities camhave little previous wheat experipuswide. ence, how to make UNL experi-

Bagby manages a staff of ments succeed three and helps manage hardware "Greg's commitment to excelreplacement across the college, a lence was a primary factor in the recent recognition of the UNL server system and a storage area network. He also keeps up with wheat breeding project by Bayer the latest software and features, Crop Science and state organizabuilds budget spreadsheets that tions," wrote a nominator. incorporate maintenance costs, The Kudos Award is a univerupgrades and licensing fees. sity-wide honor presented by the

regents to celebrate staff who go Bagby also serves on the Faculty Senate Information Technologies above and beyond in their work and Service Commission. for the university. For more infor-Dorn is responsible for conmation, go to http://go.unl.edu/ ducting and supervising the ukp.

VENUES

rience.'

continued from page 1

Memorial Stadium in May.

"As far as we know, graduation

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

The ceremony will include

and friends in the stands.

Commencement Staff

University staff who help Jennifer Verhein said her staff is focused Verhein with UNL commencement on UNL's graduation ceremonies exercises and colleges for which this week. However, she said there they clear degree candidates: is a buzz about gaining access to Eva Bachman, Graduate Studies

Karen Byleen, Education and

an Sciences has never been held in Memorial Stadium," said Verhein. "It's going Casey Cain, Arts and Sciences to be a real opportunity to do Terri Eastin, Graduate Studies something very creative and give James Fuenning, Agricultural our graduates a very unique expeciences and Natural Resources Fine and Performing Arts, and

Communications

with staff in Public Affairs and Community Service Patricia Rathe, Engineering Journalism and Mass

Melody Torske, Business Administration, Architecture

presentation of both graduate and undergraduate degrees. The sta-Verhein. "They do exceptional dium screens will also be used. A special music option is also under work and are always willing to consideration. step up because they know how

Overall, Verhein said her staff important the spectacle of comis excited about taking commencement is to our graduates, mencement to new locations in families, friends and administra-2013.

"We have a whole year of "No matter where we hold innovation ahead and my entire commencement, my staff will staff can't wait to get started," said make it work?

COMMENCEMENT

continued from page 1



Marjorie Kostelnik, dean of the College of Education and Human Sciences, came to UNL in 2000 as dean of the College of Human Resources and Family Sciences. In 2004, Human Resources and Family Sciences merged with Teachers College to become one of the first colleges of Education and Human Sciences. She served on faculty at Michigan State University for 22 years. She has taught a variety of classes at both the undergraduate and graduate levels, and her research focuses on early childhood education and community coalition building. Scarlet editor Troy Fedderson sat down with Kostelnik to discuss her experience as

What is it like being UNL's senior dean

To think you've been in a particular place for longer than a decade is excit-

ing and amazing. It has been interestdiverse group of academic units? ing to see how things change over time.

As senior dean, you have a sense of history, but I don't think people treat you differently. When I became dean the other deans were very friendly and offered a lot of good information. They also let me know that we were equals and there wasn't some waiting period before I was allowed to talk or express myself. I've tried to offer the same to feel it is important to keep up with new deans that have come on board.

What is your favorite part of being dean of EHS?

I have three favorite things. The first is handing out diplomas at graduation. I just love that because it sends a very strong signal to students and families that this is an institution that cares about them as an individual. Number two is working with faculty and administrators in the college. I love learning about the breadth of what our people are doing – from working with molecules to working with individuals, families and schools and everything between. The third thing is our students. It's wonderful being surrounded tutions have the same departments or



more holistic experience What is it like overseeing such a

It's never boring. I get a chance to learn about things that I never even dreamed I would have had a chance to explore. To better understand what our people do, I read their journal articles and look at posters they send. I also read every professional accomplishment report and every abstract from master's theses and dissertations. I

the breadth of activity we have in Education and Human Sciences. How does the College of Education and Human Sciences stack up against

related Big Ten programs? We did an analysis two years ago. I asked every department to tell me who they saw as their peers in the Big Ten, Sciences? what we could learn from them and what they could learn from us. That was a wonderful exercise because we were able to identify peers that would

be beneficial. Only one Big Ten univer-- their own and whomever they work sity, Ohio State, has an entire college that is the same as EHS. The other insti-

they receive W-2 forms Balance is important, but that does not mean the parts are even. We are not expecting that everyone in this col-New federal regulations require all employees give consent to lege do their job in the same way. We receive W-2 forms in a secure electronic format. believe in differential workloads that Once consent is given, it carries forward each year and does play to individual strengths. When you not need to be repeated. Employees will be given an opportunity step back and look at the entire group, to change how they receive W-2 forms in 2013. The benefits of receiving W-2 forms electronically include: In the end, we want our teaching, Earlier access to W-2 forms than the traditional mail process;

university.

to the W-2 form online.

finally the "submit and save" button.

2533 or Ken Reining at 402-472-7029.

as desired up to the deadline.

Paper or electronic?

What is the college doing in terms of student recruitment and retention?

One thing we are not doing in terms of enrollment is making quotas. Instead, we are asking each department to think about how they will help us grow. We want to grow in ways that make sense. We need to manage those programs that are popular and make others more attractive. We are having

We have started looking at transfer students as almost 40 percent of our incoming first year students come to us from community colleges or other universities. We want to make sure our transfer students have a good experience. One of the things we are doing this fall is having suppers and orientation sessions for transfer students.

to improve the advising process.

If they come here, we will introduce them to the knowledge and skills they need to have a satisfying career that makes a difference in peoples' lives

What is something most people do not

be enrolled to receive traditional paper W-2 forms. We are also working on programs 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 avail-

those conversations now.

for international students and our professional advisers are thinking of ways

What is one thing you want every potential student to know about the College of Education and Human

by students who want to make the disciplines represented. world better and the many different ways they work to realize that.

Looking back, how challenging was the merger of Human Resources and Family Sciences with Teachers College?

each other

college?

My career in academia has been spent, one way or another, growing new programs. I've been very lucky in those experiences, having people coming together who have things in common but did not necessarily know each other really well at the start. They always recognize they'll be better together and that helps when you are working toward a common goal. When we started to create this new college here at UNL, it was the same. It wasn't easy. But there was a basic fundamental notion that together, all these disciplines could make the world better for individuals, families and schools. Thinking we could make a difference brought us together.

Next year is our 10th birthday as a and pursue new avenues of achievecollege. In that time, we've tripled our grant activity and almost doubled in

about vou Ohio State is twice as big, but their I canoe whenever I get the chance. I dean and I are friendly. She came for a also play bocci. visit and was genuinely impressed by our innovative instruction programs.

What do you do for fun during your I went for a visit and saw they were down time? integrated in ways that we are not yet.

I love to watch old movies. And I I think we all recognize that there love to cook are things we can gain and learn from

If you had to vacate your office due to an emergency situation, what is the What are your long-term plans for the one thing you could not leave behind?

I would definitely grab this painting. One of our long-term goals is to have partnerships with every Big Ten It's called "The First Day of School" school. We are already engaged with and is by Mathias Muleme. He is an artist from Canada and this painting Penn State through Extension and working with military families. We have a if based on a picture from Uganda, his research project with Ohio State on native country. It shows a mom, dad and child on the first day of school. reading and literacy. So, we are on our way to achieving that goal. I also I love it because it was painted by a person who left his own country for want to see us develop a good succesanother place to be free and safe with sion plan in terms of leadership within his family. And also because the artist the college. And I want this college to so fondly remembers the importance of remain strategically and academically the first day of school. nimble so that we embrace new ideas

vices to continue to the next phase in the Request for Proposal

committee reviewing the proposal for UNL's student health ser-

UNL has received a recommendation from the evaluation

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 academicsenate@unl.edu or call 402-472-2573.

New Hires • Dobrodošli • Willkommen • Vítáme vás • Fùnyìhng • Tervetuloa • Aloha • Selamat datang • Fàilte • Haykuykuy • Dobro požalovať • Hoan nghênh • E ku abo

senior office associate

UNL welcomes these new employees hired in November. For President/Vice Chancellor, director more information on the "New Hires" list, contact Troy Fedderson at tfedderson2@unl.edu or 402cian 472-8515.

Center, physical therapy assistant Douglas Hallum, Natural Resources Jeffrey Avey, Scholarship and Financial Survey Division, survey hydrogeologist Aid, financial aid specialist Kristin Botz, Law, legal assistant administrative technician Amanda Colborn, Harper-Schramm-Smith Dining Service, dining service accounting associate clerical associate Ashley Colee, Financial Services, CDMA clerk

administrative technician I



Published monthly by the Office of University Communications at the University of Nebraska

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 masthead, contact Troy Fedderson at tfedderson2@unl.edu or 472-8515.

Mark Doyle, Office of the Vice Abram Lueders, University Television, web interactive project assistant Kurtis Gierhan, U.S. Meat Animal Julia McCoy, Abel-Sandoz Dining istrator Research Center, ag research techni-Service, dining service associate Denise Meyer, Center for Research on Youth, Families and Schools, assess-Drew Goeden, University Health ment scoring manager Seth Ossowski, Abel-Sandoz Dining Service, dining service associate

Robert Harris, Education Abroad, Kurt Preston, Research, associate vice chancellor for research Jason Ross, Building Systems Joni Hilburn, Technical Agriculture, Maintenance, building systems techni-Heqing Ji, Registration and Records, cian — structural

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professor of practice

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 Fedderson, editor, at tfedderson2@ 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

Earlier this year he was awarded into new areas of exploration. a \$980,000 the three-year project "I've been working in radiation from the Department of Energy to effects since I was a grad student improve nuclear reactor safety, perand have remained flexible over formance and cost competitiveness. the years because the application

"I have been fortunate enough for radiation effects is a moving target," he said. "When I was doing to be a fellow of a number of societies, my first being as a fellow in my Ph.D. thesis, which was on Los Alamos National Laboratory, understanding materials for nuclear then the American Physical Society, reactor environments, Three Mile Materials Research Society, now the Island happened... and the fund-AAAS," Nastasi said. "All these are ing dried up, so I started looking fantastic recognitions, and years into how radiation effects could be of hard work have paid off. With used to synthesize novel materithis recognition, one of the imporals for industrial applications, and tant things that has to happen is that ultimately led to a cooperayour colleagues have to think well tive research agreement with Los enough of you to nominate you. So Alamos and General Motors to help this is quite an honor." GM develop engine components Nastasi researches radiation tolthat lasted a long time."

erance and mechanical properties The development of a process

Leadership, research lift Smith into AAAS

tions to the AAAS are in is research in developmental biology and in leadership and advocacy on education. Smith, president emeritus of the University of Nebraska and Biological Sciences, took an unusual path to a career as a scientist. An aspiring jazz musician, he was a music major his first three years at Indiana University until

L. Dennis Smith's contribu-

trumpet as a vocation. But while he expresses the highest respect for

of my senior year."

"I took nothing but biol-Indiana and, after serving in variogy my senior year so I could get ous positions at Wood Hole Marine my required 30 hours, including Biological Laboratory and as a a couple of advanced courses," he staff scientist at Argonne National recalled. "One of them, which was Laboratory, he became head of a lab course for graduate students Purdue University's Department of — I had to get permission to get in Biological Sciences. It was at Purdue

to looking at similar types of proof animal science at UNL, will give the address at cesses with different materials. the graduate ceremony; Jeff Zeleny, the national "I'm an experimentalist. So political correspondent for the New York Times, when we do an experiment and then will give the address at the baccalaureate ceremoanalyze it to see the end result... ny; and Judge Michael W. Pirtle of the Nebraska every day would be like Christmas morning, because I never knew - I ceremony. had a hint - and it was a fascinat-

ates.

Court of Appeals will give the address at the law Both Zeleny (1996, journalism and political science) and Pirtle (1978, law) are UNL gradu-

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.

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1994-2004 term as NU president. In 2002, the organization gave him its Award for Scientific Freedom and - but that's when I fell in love with Responsibility for his handling of with. It clicked the second semester

a 1999 controversy over University of Nebraska Medical Center use Smith earned his doctorate

of brain cells of fetal tissues for in experimental embryology at research conducted on neurode-

generative diseases. "It's a very nice award, but it sort of feels like after the fact," he said of the fellowship. "I've been retired for several years and haven't been in a laboratory since 1995. But I'm very

pleased. It's a nice honor."

others can benefit from learning





emeritus professor in the School of his adviser counseled him about the difficulty of making a living as a performer, and recommended

the less risky course of becoming a

music teacher. He accepted the first part of the

advice and reluctantly gave up the

L. Dennis Smith music teachers — they had been a big help to him, after all — he

said he decided he needed a bigger challenge and took the plunge into science.



Poetry

U.S. Poet Laureate, 2004-2006

and here's a good example, by Susan

Kolodny, a poet from the Bay Area of

Koi Pond, Oakland Museum

a yolk-yellow one with a navy pattern

Our shadows bring them from

like a Japanese woodblock print

and a patch of gray. One with a

A poppy-red, faintly disheveled one,

and one, compact, all indigo in faint

A fat 18-karat one splashed

with gaudy purple

a body skim-milk-white

trailing ventral fins

like half-folded fans of lace.

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,

like a subplot or a motive, is a school

then they loop and circle back.

of uniformly dark ones, smaller,

of the gold, purple, yellow, indigo,

Loop and circle. Loop. "Look," you say, "beneath them.

perhaps another species,

living in the shadow

American

in

California.

the shadows

of fish scales.

gold head,

areen water

they pass,

Beneath them.

unadorned,

Life

By Ted Koose

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

include: Tickets are \$20 per person and must be ordered by Dec. 21. For more information, or to order tick-

ets, 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) mlkweek.unl.edu. activities also include the Chancellor's

New Hillestad exhibition inspired by grad seminar

"Parallel Circuits," an exhibition the Hillestad Gallery, directed the 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 Kreimer and Weiss.

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

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

— 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://

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

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.



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.



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**

ROGER WELSCH

EMBRACING

FRY BREAD

Confessions of a Wannabe

professor of anthropology, tells the story of his lifelong relationship with Native American culture

Platte Basin Time-lapse focus of Dec. 16 Sunday with a Scientist

By Dana Ludvik NU State Museum The University of Nebraska State Museum's Sunday with a Scientist program explores the Platte Basin Time-lapse Project on Dec. 16. The family-friendly program is 1:30 to 4:30 p.m. and will include information on where water comes from and how it is affected by natural events and human engineering.

Presenters include Michael Farrell, television production man-

Telecommunications and adjunct professor in the College of Journalism and Mass Communications; Michael Forsberg, wildlife and conservation photographer and author; and Sara LeRoy Toren, a teacher in Lincoln Public Schools' Science Focus Program.

case their work on the Platte Basin Time-lapse Project. This collaborative project uses sophisticated timelapse photography to show water from the Platte Basin in motion over time. The compressed images allow us to see and understand the natural and manmade processes that impact the Platte River as they unfold over days, months and years.

rise and fall of water from flood stage to drought, how snowpack builds in the Rocky Mountains, how dams and reservoirs move water, the ing their science on site. cycle of the seasons in an irrigated cropfield, the change of the seasons www.museum.unl.edu.

'Waiting Room' plays the Ross

Peter Nick's documentary "The Waiting Room" opens Dec. 14 at of his scheduled surgery to remove the Mary Riepma Ross Media Arts Center. The film is showing as part of a national theatrical release by care, at Highland

International Film Circuit. "The Waiting Room" showcasries are juxtaposed with the struggle es one 24-hour span at Highland that doctors and nurses face every Hospital in Oakland, Calif. The day in managing a limited number hospital has one of the busiest of beds and supplies while providemergency rooms in the nation, ing prompt care and coping with with about 80,000 visits annually. the complexity of the nation's public health care system.

Focusing on a handful of char-"The Waiting Room" shows acters — a young girl with a serious bout of strep throat; a carpet layer through Dec. 20 at the Ross. For more information, includsuffering from painful bone spurs; a man brought in after overdosing show times, go to www.theross. ing on a number of drugs; and org or call 402-472-5353. an uninsured patient turned away

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.



Sunday With a Scientist: Platte Basin Time-lapse Project 1:30-4:30 p.m., Dec. 16 NU State Museum in Morrill Hall

ager for Nebraska Educational on a wet meadow prairie, how cattle use a stock tank in the Sandhills, how sandbars move and how banks erode on the Central Platte, the seasonal use of sandhill crane roosts on sandbars, a restoration process at work on a prairie slough, and more. Toren and students from the

Farrell and Forsberg will show-LPS Science Focus Program will provide hands-on activities that explore watersheds in Nebraska. For more information on the Platte Basin Time-lapse project, go to http://plattebasintimelapse.com. Sunday with a Scientist is a series of presentations that highlight the work of UNL researchers, while educating children and families on a variety of topics related to science and natural history. Presenters will Imagery will demonstrate the

share scientific information in a fun and informal way through demonstrations, activities, or by conduct-For more information, go to

from Kaiser Permanente on the day

and white, a tumor — the film traces the entire seeking the mired roots course of waiting for, and receiving and dusky grasses, unliveried, the quieter beneath the quiet In the documentary, these sto-Poem copyright © 2011 by Susan Kolodny from her

first book of poems. "After the Firestorm" (Mayapple Pres 2011). Poem first appeared in the New England Review, Vo 18, no. 1, 1997. Reprinted by permission of Kolodny and th publisher. Introduction copyright © 2012 by The Poetr Foundation. This column is made possible by the Poetry Foundation (www.poetryfoundation.org) and supported b 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

For more information, send email

to tfedderson@unl.edu or call 402-472-

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Pioneers Park Nature Center, go to

For more information on the

nomic development.

http://go.unl.edu/8s8.

A new book by Roger Welsch, adjunct

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.

Colonial Revival quilts featured at IQSCM

By Laura Chapman with the changes was looking to International Quilt Study Center the past. They developed nostalgia

Long before Pinterest or Martha Stewart, the do it yourself culture from its architecture, interiors and



Nanoscience display featured at Pioneers Park Nature Center

A new nanoscience in nature for Materials and Nanoscience exhibition, sponsored by the is on the forefront of nanosci-Nebraska Center for Materials ence research. Founded in 1988,

thrived in the United States. The hand-crafts 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 events. changing social, economic and cultural conditions," said Jonathan Gregory, assistant curator of exhibitions. "One way Americans dealt



to www.quiltstudy.org and click on "Calendar" to view upcoming

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



and Nanoscience, is featured at the Pioneers Park Nature Center, 3201 S. Coddington Ave. The exhibit, "Nanoscience: Natural Beauty and Incredible Functions," is on display through January. "Nanoscience: Natural Beauty and Incredible Functions" introduces nano-scale science through snowflakes, lotus leaves, butterflies and minerals. The information shows how nanoscientists mimic nanostructure principles and phe-

products.

nomena in nature to develop new

 Terese Janovec, The UNL Nebraska Center Materials and Nanoscience

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.

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

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.

calend events films theater exhibition	ar 5		14-15 d doctoral hooding, 3 p.m. Dec. 14; Undergro n. Dec. 15; both at the Devaney Sports Center		n. 2 and 6 isconsin, 7:05 p.m. Jan. 2; Husker men's n. 6; both at the Devaney Sports Center	MLK Week Jan. 18-25 Includes MLK Freedom Breakfast on Jan. 1 gram and keynote on Jan. 22. Learn more	8 and the Chancellor's Pro- Ex	Armory Show' opens Jan. 22 Armory Show' opens Jan. 22 Armory Show of the art that introduced Americans Deuropean modernism, Sheldon Museum of Art.	DN Fashion Show Jan. 31 Fashion show sponsored by the Daily Nebraskan, 7 p.m., Nebraska Union
Friday Dec. 14 Last day of fall semester final exams.	UNL offices reopen after holiday close-	Invitational, all day, Devaney Center. indoor track.	rium. Call 402-472-3031 Wednesday Jan. 16	Call 402-472-0085 Performance, hypnotist Jim Wand, 7 and	note by Tracy Snipe, political scientists and writer; and Sarah Collins-Rudolph	refund. Last day to apply for residence for the	Media Arts Center. Call 402-472-0 Tuesday Jan. 29	9911 Printed Impressions, Source and Specu- lation, Jan. 28 to March 1	Modern Madness: Revisiting the Armory Show, Jan. 22 to April 21
Graduate Commencement and Doctoral Hooding, 3 p.m., Devaney Sports Center. Call 402-472-3636	aown. Husker women's basketball vs Wiscon- sin, 7:05 p.m., Devaney Center.	Saturday Jan. 12 Huskers track and field, Holiday Inn Invitational, all day, Devaney Center.	Olson Seminar, "Artifacts and Illumina- tions: Critical Essays on Loren Eiseley," Thomas Lynch, UNL; Susan Maher,	9 p.m., East Union. Husker wrestling vs Illinois, 7 p.m., Coliseum	and Junie Collins-Williams, surviving sisters of 16th Street Baptist church bombing of 1963, 5 p.m., Nebraska Union. Includes presentation of UNL's	spring semester. Final day to apply for a degree in May.	Education Abroad Fair, 11 a.m., N braska Union. Call 402-472-5358	Center and Museum	Cinema UNL screenings Movies are at the Ross Media Arts Center unless otherwise noted
Saturday Dec. 15 Undergraduate Commencement, 9:30	Friday Jan. 4 First Friday Exhibition Opening, "The Great Plains: America's Lingering Wild	indoor track. Nebraska rifle team vs Air Force, 8 a.m., NU Rifle Range.	University of Minnesota-Duluth, 3:30 p.m., Great Plains Art Museum. Call 402-472-3964	Saturday Jan. 19 All course withdraws noted with a grade	Fulfilling the Dream Awards. Reception to follow keynote. Call 402-472-0085 Husker men's basketball vs Illinois, 7:30	Nebraska Conference for Undergradu- ate Women in Mathematics, opens at 3 p.m. and continues through Jan. 27, Embased Suites, 1040 P.St. Call 402, 472	Insights Into Internships workshop p.m., Nebraska Union. Call 402-47 3145	72- SAQA Showcase: Studio Art Quilt Associ- ates Invitational, through Feb. 24	Movies are at the Ross Media Arts Center unless otherwise noted
a.m., Devaney Sports Center. Call 402- 472-3636 Sunday Dec. 16	—Photographs by Michael Forsberg," Great Plains Art Museum. Call 402-472- 0599	Husker women's tennis vs Eastern Michigan, 10:30 a.m., Nebraska Tennis	Husker men's basketball vs Purdue, 8 p.m., Devaney Center.	of "W" on academic records. Husker track and field, Adidas Classic, all day, Devaney Center. indoor track	p.m., Devaney Center. Wednesday Jan. 23	Embassy Suites, 1040 P St. Call 402-472- 8979 Saturday Jan. 26	Launch of the Prairie Schooner's N American issue, featuring author S man Alexie, 7 p.m., Mary Riepma	Sher- Collection, through Feb. 10 Ross Life Cited and Life Ross Life Cited and Life Cited and Life Cited and Life Rose Life Ro	How to Survive a Plague, through Dec. 13 Price Check, through Dec. 20
Sunday with a Scientist, "Platte Basin Time-lapse Project," Michael Farrell and Michael Forsberg, 1:30 p.m., Morrill	Saturday Jan. 5 Husker women's basketball vs Purdue, 1	Center Monday Jan. 14 Spring semester census (last day for late	Climate Masters classes begin, 10-week course that meets every Wednesday from 6 to 8:30 p.m. through March 20 in Hardin Hall. Call 402-472-2712	Husker swimming vs San Diego State, 1 p.m., Devaney natatorium.	Nebraska Gateway to Nutrigenomics Seminar, "Genome Engineering: Con- cepts, Methods and Advances," Chan- nabasavaiah Gurumurthy, University of	Husker men's basketball vs Northwest- ern, 2 p.m., Devaney Center.	Media Arts Center. Call 402-472-0 Hixson-Lied Concert Series featuri Chiara String Quartet, 7:30 p.m.,	June 2 ng the Kim- Outle the Past: Colonial Revival	The Waiting Room, Dec. 14-20 Starlet, Jan. 4-10
Hall. Call 402-472-3779 Tuesday Dec. 18	p.m., Devaney Center. Sunday Jan. 6	registrations and adds, including adds of thesis/dissertation credits)	Thursday Jan. 17 Ally Workshop, "Being a Trans* –	Husker women's gymnastics vs Michi- gan State, 6 p.m., Devaney Center.	Nebraska Medical Center, noon, East Union. Call 402-472-3826	Husker women's tennis vs Tennessee (ITA Kick-off Weekend), 2 p.m., Nebraska Tennis Center.	ball Recital Hall. Call 402-472-686 Thursday Jan. 31	Quilts, through Sept. 1 Kruger Gallery krugercollection.unl.edu 402-472-3560	Escape Fire: The Fight to Rescue American Health Care, Jan. 4-10
Husker men's basketball vs Jacksonville State, 8 p.m., Devaney Center.	Last day of open registration for spring semester Husker men's basketball vs Wisconsin,	Last day to drop a full semester course and receive 100 percent refund. Creating Inclusive Spaces Workshop, 3	Information On How to Be an Ally to the Transgender Community," 4 p.m., Nebraska Union.	Monday Jan. 21 Martin Luther King Jr. Day, campus offices closed.	MLK Week Service Learning Project, 2 to 6 p.m., various sites across Lincoln, meet at the Gaughan Multicultural Center	Sunday Jan. 27 Husker women's tennis, ITA Kick-off Weekend, consolation match at 10	Career Fair Prep: Employer Panel o Resume Reviews, 4 to 7 p.m., Neb Union. Call 402-472-8029		Chasing Ice, Jan. 11-17 The Flat, Jan. 18-24
Thursday Dec. 20 Husker women's basketball vs Oral Roberts, 7:05 p.m., Devaney Center.	TBA, Devaney Center. Monday Jan. 7	p.m., Gaughan Multicultural Center.	Husker women's basketball vs Illinois, 7:05 p.m., Devaney Center.	Tuesday Jan. 22 Exhibition opens, "The Armory Show," 10	MLK Week Open Mic Tribute Night, 7 p.m., Gaughan Multicultural Center. Call 402-472-0085	a.m., championship match at 1 p.m., Nebraska Tennis Center.	Daily Nebraskan Fashion Show, 7 Nebraska Union. Call 402-472-25	p.m., 89 Minerals and Meteorites, through November 2013	The House I Live In, Jan. 25-31 Planetarium Morrill Hall
Monday Dec. 24 Holiday closedown begins. Continues through Jan. 1.	Spring semester begins. Late registration begins (\$25 late fee assessed).	Professional Development Day for Edu- cators, 8:30 a.m., Nebraska Union. Call 402-472-3145	Friday Jan. 18 Last day to drop a full semester course and receive 75 percent refund	a.m., Sheldon Museum of Art. Career Services' Job Search Survival workshop, 3 p.m., resumes and coverlet-	Thursday Jan. 24 MLK Week, Afrikan People's Union	Husker men's gymnastics vs Illinois- Chicago, 1 p.m., Devaney Center. Monday Jan. 28	Exhibitions By gallery Great Plains Art Museum	www.sheldon.unl.edu 402-472-4524	www.museum.unl.edu Dark, 2 and 3 p.m. Saturdays and Sundays
Saturday Dec. 29 Husker men's basketball vs Nicholls	Friday Jan. 11 Professional Development Day for Edu- cators, 8:30 a.m., Nebraska Union. Call	Chancellor's University Safety Commit- tee Quarterly Meeting, 3 p.m., 17th and R streets parking garage. Call 402-310- 5117	Last day to drop or remove a course Huskers track and field, Nebraska	ters; 4 p.m., networking; 5 p.m., inter- viewing with an employer panel; 6 p.m., international students; Nebraska Union. Call 402-472-3145	MLK Banquet, 7 p.m., Nebraska Union. http://mlkweek.unl.edu. Husker women's basketball vs Michigan	Career Services' Mock Interview Day, 8 a.m., Nebraska Union. Call 402-472- 3145	http://go.unl.edu/9ti 402-47 The Great Plains: America's Linger Wild – Photographs by Michael Fo	ring through Jan. 13	Sea Monsters, 7 p.m. Thursdays (no show Nov. 22)
State, 2 p.m., Devaney Center. Husker women's basketball vs Gram- bling State, 7:05 p.m., Devaney Center.	402-472-3145	5117 Heuermann Lecture, "Improving Animal Welfare and Communication with the	Wesleyan Invitational, all day, Devaney Center indoor track. MLK Freedom Breakfast, keynote by	Husker women's tennis vs Creighton, 4 p.m., Nebraska Tennis Center	State, 7:05 p.m., Devaney Center. Friday Jan. 25 Last day to withdraw from a full	Launch of the Prairie Schooner's Native	berg, Jan. 4 to March 30 Hillestad Textiles Gallery http://textilegallery.unl.edu 402-47	The Geometric Unconscious: A Century of Abstraction, through Jan. 20 72-2911	
Wednesday Jan. 2	Huskers track and field, Holiday Inn	Public," Temple Grandin, Colorado State University, 7 p.m., Hardin Hall audito-	John M. Gerrard, U.S. District Judge, 7:30 a.m., Embassy Suites, 1040 P St.	MLK Week Chancellor's Program, key-	semester course and receive 50 percent	American issue, featuring author Sher- man Alexie, 7 p.m., Mary Riepma Ross	Parallel Circuits, through Jan. 18	Five Decades of Collecting, through April 21	

All events are from UNL's online calendar, available at http://events.unl.edu/. • Access a complete list of show times for the Mary Riepma Ross Media Arts Center at www.theross.org or 472-5353. • For more information about planetarium shows, go to www.museum.unl.edu/ or call 472-2641.

CODES continued from page

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

Electronic Quick Response Codes (QR Codes)

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

http://waltonfamily.name

http://corelsherwood.com

http://www.hathawayfamily.info

http://www.robertallington.com

The story continued to see the

father remarried, divorced and

institutionalized. The remaining

three siblings also died - two by

"We couldn't believe how far

Kassebaum met with the stu-

"I think a project like this is

by the students include:

gas-stove fire.

suicide

Originally designed for industrial uses, QR codes have become common in advertising

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

The father, a wealthy property One of the student teams owner, remarried and was quickly Katie Mohr-Wassinger and Heather divorced Harris, both graduate students in elementary education - selected it just kept going, one thing after the graves of the Walton family. another," said Mohr-Wassinger. "It

"During the tour, we noticed six really says something about how of them died in 1882 and professor mental health can be genetic." Lopez gave a hint that they died of diphtheria," said Harris. "That was dents throughout the project, providing web design guidance. true, but it only got worse from there."

Searching through census definitely something I plan to do in records, newspaper clippings, the my own classroom some day," said Nebraska State Historical Society Courtney Breitkreutz, a graduate student in elementary education. archives and myancestry.com, they learned that the Walton family had "It's a project that's not just for a nine children, six of whom died teacher to read and throw away. To in 1882. In 1891, the mother died put it online and provide historic three days after living through a information to the public serves a

BALES continued from page

staff. If she doesn't know the recipe Bales will track it down. "Sometimes I was here first thing in the morning. Other times of recipes through the years, from I came in late at night. Whatever way back in our military days was needed I was there," Bales said. through today," said Bales. "I have "The time didn't matter to me. Just getting out helped so much. It kept a 16 gigabyte flashdrive at home that is full of nothing but recipes. me from self-imploding. And very few of them are American "I don't have the words to

explain how much this job helped dishes

And Bales has worked hard to give back to the university. Driving the intercampus bus route, Bales welcomes passengers

with a smile and a warm greet-Now, she is eight days away from ing at every stop. As passengers her last shift on campus. depart, she wishes each a great day. During Halloween, Bales makes popcorn balls for her passengers. At about the change. She expects to be lost for a few days after it happens Christmas time, she bakes cookies

and hands them out. deliver baked goods to her bosses She's also quick to strike up conversation - especially with students

move on to her next stage of life. "The students are what I've "I keep telling my brothers and enjoyed the most over the years," sisters that I'm retiring," Bales said. said Bales. "They come in as freshmen with all these high school ideas "They just laugh at me."

everything she can about commu-

saves UNL money."

ment.

discuss recipes — particularly with nity food distribution networks in international students, faculty and the region

She said those networks are special in that they often distribute fresh fruits and vegetables to those "I've exchanged a whole bunch in need. And, when Bales returns back to Nebraska, she hopes to take those lessons and implement them here — possibly out in the more rural areas of western Nebraska.

Scan this QR code

to access information

on the 9/11 memorial

at Wyuka.

greater purpose. And, it's also some

about

Fame.

project.

could go."

thing that students can get excited

have graduate students research

Wyuka graves, Lopez may also see

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

school teachers may be interested

in adopting small rural cemeteries

and developing a similar QR Code

historic buildings," said Lopez. "It's

mindboggling when you sit down

and think where this simple project

Lopez also believes Nebraska

"I could also see it used for

the project expand in the future.

While he plans to continue to

"We are already in talks with

"I'm also writing up a presentation to establish a senior citizen In March, Bales would have calling tree here in Nebraska," said worked at UNL for eight years. Bales. "That is something they However, she is one of four interhave in North Carolina and it's a campus bus drivers losing jobs as great way for senior citizens who UNL transfers route management are home alone to develop phone friendships while also checking up to StarTran (read more on page 1). on each other.

"It's a very cheap way to keep seniors involved with each other." Bales has a hard time talking But, before she can move forof ward with those projects, Bales still has a job to do. And it's one she's and might even come back and going to enjoy right up to that final (who she still adores). But Bales is route on Dec. 21.

not bitter. Instead, she's eager to "This job has always been fun and I've learned far more from the students than they could ever learn from me," said Bales. "You know, I never had a reason to come down technology development center.

Awards and Honors

Press club honors chancellor

The Omaha Press Club hon- ture drawn by artist Jim Horan. ored Chancellor Harvey Perlman as The drawings are unveiled during a the newest "Face on the Barroom roast and toast of the award-winner. Floor" during a Nov. 19 roast and The caricatures are placed on the Omaha Press Club's floor to be dinner. The event was held at the Press Club, 1620 Dodge St., in walked on and admired until being Omaha framed and hung on a wall with

Presented by the Omaha Press other drawings of newsmakers. Club since 1971, the award hon-The "Faces on the Barroom ors newsmakers who have made an Floor" is an award unique among impact on the community. press clubs nationwide. The actual award is a caricahttp://go.unl.edu/jp9

Jazz Education Network picks Haar to lead Midwest division

Paul Haar, associate professor of a featured soloist at two festivals in saxophone and coordinator of jazz 2013.

studies, has been named Midwest The Jazz Education Network is division director for the Jazz an international organization that Education Network. He will serve seeks to advance jazz education, as coordinator/liaison between the promote performance and develop network and Midwest directors and new audiences educators. He has also been named http://go.unl.edu/ug4

Castro makes best books list

Joy Castro, associate professor The book, released last July, is set in 2008 in New Orleans. It tells of English and Ethnic Studies, has picked up another honor for her the story of a young reporter at the debut novel. Kirkus Reviews, an Times-Picayune assigned to investi-American book review magazine, gate after hundreds of registered sex has named her fictional work "Hell offenders went off the grid during or High Water," to its list of best the Hurricane Katrina evacuation. books of 2012. http://go.unl.edu/c6c

Alvarez named boss of the year

Timothy Alvarez, assistant vice taking an interest in their profeschancellor for Student Affairs, was sional and personal growth.

named Boss of the Year during Other nominees for the award were Richard Bischoff, professor of the University of Nebraska Office Professionals Association luncheon Child, Youth and Family Studies; David Jackson, associate dean in the on Nov. 13. Agriculture Research Division and As winner, he received a \$500 Nebraska Agricultural Experiment

cash award, a plaque and a one-year UNOPA membership. Station; and Alan Moeller with Letters of support reported that the NU Vice President/IANR Vice Alvarez motivates employees by Chancellor's Office.

UNOPA selects Oldt awardees

UNL's Tamera Brennan, Karen coordinator in electrical engineer-Jackson and Cheryl Wemhoff ing, each received a Floyd S. Oldt received awards during the Nov. Silver Pen Award.

The Oldt Outstanding Staff 13 University of Nebraska Office Professionals luncheon. Award recognizes a university office/service employee who dem-Brennan, a financial assistant

onstrates distinguished service and in the Business Administration dean's office, received the Floyd S. contributions to the university. Oldt Staff award. Jackson, a transfer The Silver Pen Award honors credit evaluation specialist and protwo office/service employees who gramming assistant in the College have demonstrated superior performance while employed at UNL and Agricultural Sciences and Natural Resources, and Whemhoff, who have made significant contria graduate admissions and program butions to the university.

Read more about the first CONSTRUCTION Innovation Campus partnership at continued from page 1 http://go.unl.edu/nic1. In other Nebraska Innovation

http://heuermannlectures.unl.edu

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7 P.M. TUESDAY, JANUARY 15, 2013

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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 pres-

ent 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 Resources. 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

rearing. "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. with grazing all the time



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, landowners and other public grassland 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

ing females. The males inflate been conducted on the tallgrass prairies of Illinois, Kansas, and snap their tails. Wisconsin and Minnesota. "So, the concentration of

"We have this population bides gave us an opportune in the Sandhills and decided time to catch hens because we to do something to keep it that wanted to follow around hens," Powell said. "We wanted to see way," said Larkin Powell, professor in the School of Natural where they nest and where they take their broods after the eggs

Tallgrass prairies are taller hatch." and denser with grass height Radios were put recommendations for optifemales caught at the lek sites. mum prairie chicken habitat Researchers were able to determuch taller than the Sandhills mine on average the female average grass height. prairie chicken went about 1.5

Powell, rangeland ecology miles from the lek site to nest. professor Walt Schacht, gradu-One of the questions ate student Lars Anderson and Sandhills ranchers often ask other students, are studying are, "if I have 5 leks, do I just just how much grass prairie need to manage the lek or the chickens need for good habiwhole ranch?" tat for both nesting and brood "So we now know we can

go to ranchers and tell them "Sandhills grasslands are that there is a nesting around not only shorter and less dense, leks," Schacht said. "On average but they are opened up by cattle grazing," Schacht said. "So, people who want to manage for prairie chicken are dealing

Sandhills grasslands provide

dense cover up to a height of

about 5 inches. Recommended

height in the tallgrass prairie is

and others began by tracking

Powell, Schacht, Anderson

10 inches.

the birds.

nesting habitat areas are within a couple miles from those leks." Many ranchers often worry research at http://ianrhome. unl.edu/web/ianr/growing. that prairie chicken habitat

and dance in hopes of attractrequires deferred grazing or reduced stocking rates.

"This research tells us that air sacs on the side of their neck if a prairie chicken can find a dense pocket, somewhere in

on

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 students and faculty and staff. Game and Parks Commission. Learn more about this

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

Academic Affairs seeks to expand research options for undergrads Academic Affairs is working to expand

Thursday, Dec. 13, 2012 | 7

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 biochemistry; 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

and everything. Then by Christmas, they change, become more serious as the reality of becoming an adult influences them." One of her favorite things is to

STARTRAN continued from page 1

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

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Bales and her husband plan to here before I came to work for the venture to Kentucky in April in a university. Now, this place is something I'm going to miss very much." travel trailer and manage a campground. Bales also plans to learn

each, we expand our contract with "Unfortunately, we are reducing StarTran to let them run the entire staff by four full-time drivers," said intercampus fleet," said Carpenter. Carpenter. "Our drivers have always "In the long run this agreement been great. It really is unfortunate to lose that A-level talent. They are

all customer service-oriented indi-Under the terms of the five-year agreement, StarTran will continue viduals who our riders really loved." Carpenter said the UNL drivers to run the four buses it currently operates on weekdays during the were advised when StarTran went fall and spring semester. They will to hire for the expanded service, also assume service of the four buses allowing them the opportunity to UNL runs during both semesters, in be within the job pool.

The contract allows StarTran the evenings to 9 p.m., in the summer and between semesters. to expand transit services and add StarTran is purchasing five buses about 400,000 in annual ridership. Faculty, staff and students who for the expanded coverage of the route. UNL will assume the relatedhave UNL bus passes will continue operating costs (personnel, mainteto ride without having to pay a fare. nance, fuel, etc.). Total cost to UNL The agreement extends the 86-year relationship between UNL is about \$2.2 million per year. Both the University of Nebraska and public transportation services Board of Regents and the Lincoln in Lincoln. It also reinforces the City Council approved the agreeimportance of public transportation to students who use the service.

ampus news: "As the construction progresses, Watch construction via a webcam

people will realize that Nebraska The feed is available at http://go.unl. Innovation Campus is really hapedu/nic_webcam.

pening," said Duncan. "We've had • Duncan said NIC has qualified for discussions with a number of an energy conservation bond that makes potential partners. I'm looking forpossible the use of effluent water from Lincoln's wastewater treatment facility in ward to being able to show them a geothermal system that will heat and something more tangible than a cool the new campus. PowerPoint presentation."

 Demolition of the administration On Nov. 16, UNL announced building for an old horse racing facility that ConAgra Foods is the first prion the NIC grounds will take place in the vate-industry partner at Nebraska spring or summer. Duncan said the work Innovation Campus. The agreeis on hold until the Nebraska Horsemen ment extends an already-established Benevolent and Protective Association relationship between UNL and moves out of the old location and into a new facility near U.S. Highway 77 and West Denton Road. ConAgra Foods plans to use

 Duncan said additional private space in greenhouses at Nebraska industry partners remain interested in Innovation Campus to grow and Nebraska Innovation Campus. He said a research tomatoes, such as those second partnership may be announced used in Hunt's and Ro*Tel brands, in the first quarter of 2013.

Nebraska

alongside university students and · The timeline for complete build faculty. ConAgra will also continue out of Nebraska Innovation Campus is its research on popcorn at UNL. 25 years. To fill the space in that amount The company also hopes the of time, about 80,000 square feet must collaboration will create education be built each year. The four buildings in and development opportunities for Phase One include about 313,000 square feet of space. To keep the building on students as they further explore the possibility for research in emerging pace, Duncan said he hopes construction of building five will start within the next food safety practices and microbioltwo years. Also, he said work on building ogy, robotics and their application six would need to start before building in food commercialization. five is completed.

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.

Male prairie chickens get together in spring and dance for females at a lek site, where http://go.unl.edu/sek male prairie chickens "boom"



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Christmas at Luther: Tidings of Comfort and Joy Sun., Dec. 23, at 7 p.m. & Christmas Day at noon

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Master plan update entering final stages





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 LEARN MORE ABOUT THE ENTIRE UNL MASTER PLAN PROCESS ONLINE AT HTTP://PLANBIG.UNL.EDU

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.

Nebraska Water Center

Spring 2013 Water Seminar Series

IANR

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

WILLIAMS MEMORIAL LECTURE

watercenter.unl.edu

- **FEB 6**Global Precipitation in the 21st Century
George Huffman, National Aeronautics and
Space Administration
- FEB 13Do 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

WILLIAMS MEMORIAL LECTURE

- APR 3Implications 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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