Commencement to feature Pope Edwards, Molfese

More than 800 to receive degrees during Aug. 10-11 graduation exercises at Devaney

By Troy Feldman
University Communications

Matt Waite, a professor of practice in journalism and mass communication at the University of Nebraska-Lincoln, will host a drone journalism program free to takeoff.

Researchers UAVs @ UNL

Others at UNL helping revolutionize the news industry by rethinking the use of unmanned aerial vehicles include:

NIMBUS Lab
Led by Sebastien Dharras and Garth Doolittle, the NIMBUS Lab at UNL is developing low-cost, small unmanned aerial systems that can be used in film, television, research and disaster response. Represented by a UAV workshop last month, research partnerships are growing.

http://nimbus.unl.edu/

IANN
Researchers in the Institute for Artificial Neural Networks have been using UAVs for aerial sensing of crops and tornadoes. The robots are helicopters being used to develop UNL’s Viced Scup through company Palantir.

http://iann.unl.edu/Thg

Matt Waite holds the $300 quad-copter that was initially used to show how drones could be used to gather news. A $50,000 Knight Foundation grant is helping Waite purchase larger, more versatile drones to further the research.

Drone journalism program ready for takeoff.

Waite, who received a $50,000 Knight Foundation grant to develop drone journalism, started using the $300 quad-copter at the end of last summer.

The drone journalism concept grew out of Waite’s own experience covering natural disasters as a newspaper reporter in Nebraska, Florida and Arizona. Inspiration struck a year ago at a digital mapping conference in San Diego.

“I learned very quickly that one of the best things happening with covering natural disasters is discovering where do you start,” said Waite.

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Hastings to lead UN Foundation

Brian Hastings, a senior execu- tive at Omnicom, has been named president and chief ex- ecutive officer of the University of Nebraska Foundation. Hastings has more than two decades of experience in non-profit or- ganization funding, cultivation, fundraising, and leadership in- volv- in implementing univer- sity-wide development strat- egies. He most recently served as executive director of Ohio State University's 8.5 bil- lion-dollar New Horizons Campaign. Hastings named Visiting Presidential Professor

Finberg has been named the University of Nebraska's next Visiting Presidential Professor. Finberg is a prominent art his- torian at the University of Illinois at Urbana-Champaign, and adjunct professor at the Parrish Art Museum in Southampton, New York. His appointment with NU is for the 2012-13 academic year and will include four weeklong visits, starting in September, to NU cam- pus. During each visit, Finberg will present public lec- tures, attend meetings, fol- lowing his professorship, and par- ticipate in university events with the faculty and Lincoln and Omaha communities.

Research collaboration tool available online

Faculty at UNL have a new tool to help identify potential research collaborators across the University of Nebraska system. “Research Nebraska,” available at http://go.unl.edu/online, is a web-based directory that allows users to search for researchers and scientific experts. Faculty at UNL, University of Nebraska Medical Center and University of Nebraska Omaha can use the tool to find potential research collabora- tors with expertise beyond their own fields and the system.

The Office of Research and Education Development is providing this service to make it easier for faculty to build teams and call upon broader expertise to support interdisciplinary research, expand the reach of UNL abroad and promote easier access to external funding. It is a tool to help faculty and researchers find others with expertise in their fields as well as potential collaborators on other campuses.

For more information regarding the service, contact assistant professor Nicole Clayton at 482-8031.

Biomed research teams sought for NIH grant

The Office of Research and Education Development is ad- ministrating an internal competition to identify teams that will submit to a new National Institute of Health (NIH) proposal that will be submitted to the NIH in June. "Science in Action: Enhancing the UNL Research Excellence program in early-career faculty" is the title of the proposal.

NIH allows only one applica- tion per institution. Faculty interested in developing a proposal may apply to the University of Nebraska, and they must be the principal investigator of the proposal. The deadline for submitting the proposal is Aug. 14, 2013.

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Ten Distinguished Scholar Award

The Ten Distinguished Scholar Award, which recognizes 10 student athletes from every conference institution and 36 student athletes from each conference institution and 36 student athletes from each conference institution, is the highest award given in Nebraska athletics. The Huskers have added an unlimited number of awards since the award was first given in 1985.

To find out more information about Research Nebraska, go to www.jonathanfineberg.com.

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The Lied Center’s performing arts season includes tickets for the 2012–13 season are available on sale now. For more information visit the Lied Center’s Web site at www.liedcenter.org.

Fountain Frolics | Aug. 2

State Museum’s bird egrets feature
daylight. Bird egrets in the collections of the Nebraska State Museum are featured in the July edition of the Museum’s Community Magazine. The photos were taken by Gordon Berndt of the University of Nebraska at Lincoln and Nebraska native Joel Schmieman. A program and collection of fine art bird prints, collection manager for the Nebraska State Museum. The collection is available online at http://go.unl.edu/1y2.

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By Steve Stout
University Communicators, The University of Chicago

Why do Native Americans live higher rates of diabetes? A common theory is that they could be passing down traits from their ancestors that put them at risk for obesity — traits that would have been advantageous during ancient times when food was scarce and famine, but that now contribute to the development of obesity in the modern world of more food and sugary diets.

A newly published analysis of fossil evidence from the Southeastern United States, however, suggests that new particle whose characteristics suggest that the prehistoric hunter-gatherer ancestors of Native Americans might have been able to overcome the cost issue, opting for a meat-based diet with low glycemic load. Instead, they might have been able to overcome the cost issue, opting for a meat-based diet with low glycemic load.

**Research to power brain injury diagnostic device**

A handheld tool is under development that researchers hope can help diagnose brain injury on the spot using technology that recognizes a particular pattern of electrical signals. Such a device could yield critical and in some cases life-saving information to rescuers from the battlefield to the hospital.

MC. Flaxman, a Fayetteville, Ark., company, has recently entered into a license agreement with UNL's experimental high-energy physics team to begin work on a handheld device that was used during a previous experiment at the particle accelerator.

The results are needed to develop the research and will lead to a small diagnostic device that can be used by healthcare providers in the future, said UNL's Martin Wu, a lead author on the study.

NABOTINE

The name is a misprint for a 500-year-old French word that means "not a woman," and it’s sure to inspire a few chuckles among prehistoric hunter-gatherer ancestors.

A newly published analysis of fossilized coprolites shows that this high-energy physics team also has a soft spot for making history.

The findings paint a fascinating picture of the digestive system of a species of human that likely walked the earth during the Paleolithic period.

“UCARE is great because it allows us to expose students to the project without having to set up an environment,” said White. “I hope to see the context of the research remains strong.”

**By Kevin Stacey**

**By Monica Viera**

**By Monica Viera**