

NDSU

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IT'S HAPPENING AT STATE

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Career Center employment survey shows difficult job market

The country's ongoing economic difficulties are evident in the latest annual employment report prepared by the NDSU Career Center. According to the survey of recent NDSU graduates, nearly one in four is active in a job search three months after graduation. A total of 76 percent of respondents are employed or furthering their education.

The report, "Annual Employment Report – 2010," is based on 1,431 responses from 1,759 NDSU graduates who earned bachelor's degrees for the terms ending in August 2009, December 2009 and May 2010.

According to the report, 770 respondents, or 54 percent, said they are employed. Of that number, 684 respondents, or 89 percent, reported being employed in a position related to their major or minor. The survey found 290 respondents, or 20 percent, reported pursuing "post baccalaureate and professional education" after graduation, while 340 respondents, or 24 percent, said they are active in a job search.

Graduates reported accepting employment in 34 states; Washington, D.C.; and six other countries. A total of 420 respondents, or 55 percent of employed respondents, reported they had accepted positions in North Dakota.

"The continuing struggles with our nation's job market are clearly reflected in the report," said Jill Wilkey, Career Center director. "It's taking longer for college graduates to secure employment and this report reflects employment success within three months of graduation. There are predictions of an improved hiring environment for college grads in 2011."

Wilkey also noted the average annual "related" reported salary was \$38,000 and the highest reported salary was \$82,000.

Since 1995, the survey has provided an annual snapshot of the graduate employment rate. Graduates are questioned through electronic surveys, mailed surveys and telephone calls.

Located in Ceres Hall, the NDSU Career Center is a comprehensive employment information and resource center that connects students and alumni with employers. The center coordinates such events as the Part-Time Jobs Fair, Engineering and Technology Expo, Tri-College Graduate School Day, Tri-College Career and Internship Fair, North Dakota Education Connection, Summer Jobs Fair, Spring Career Fair and Meet the Firms.

NDSU/UND planning virtual Cyberinfrastructure Conference

Faculty and students from NDUS campuses, tribal colleges and the K-12 community are invited to participate in the first statewide EPSCoR-sponsored Cyberinfrastructure Conference on March 3, 2011. All conference activities will be delivered virtually via multipoint videoconference to participating sites.

The conference is being organized by David Givers and Mark Hoffman, ND-EPSCoR project directors, and is a collaborative effort between NDSU and UND.

The purpose of the conference is to enhance awareness of what cyberinfrastructure means to NDUS campuses – through research, teaching and service. The National Science Foundation requests cyberinfrastructure plans with most grant proposals, yet there is

a lack of knowledge among faculty, students, staff and researchers as to what cyberinfrastructure means.

Anticipated presentations and discussions include:

- Networks, hardware and applications
- Advantages of cyberinfrastructure resources across disciplines and institutions
- Opportunities to explore alignment to funding criteria: grant initiatives (NSF, NIH, EPSCoR, etc.)
- Opportunities for further collaborations: local, regional and international – across K-12, college and university community

NDSU www.ndsu.edu/itshappening

News and events

As information becomes available, news and event updates will be located on the "It's Happening at State" website www.ndsu.edu/itshappening.

Newsletter schedule reminder

Due to Thanksgiving, the next issue of It's Happening at State will be published Dec. 8. The submission deadline is noon on Thursday, Dec. 2.

World iView speaker set for Nov. 18

Christina Weber, assistant professor of sociology and anthropology, will present, "Visions of Guatemala: Reflecting on the Possibilities and Challenges of Service Learning," at noon on Nov. 18 in the Memorial Union Rose Room as part of the World iView Speaker Series. Weber will present personal reflections on a service-learning course she led in both the spring of 2009 and 2010, including an analysis of the effectiveness of both courses.

Cyberinfrastructure conference activities planned at this time include:

- Keynote and discipline-specific sessions addressing topics of interest in research, teaching and service
- Introduction to plans for just-in-time training on accessing research and education resources at regional and national levels
- Poster sessions: both traditional and virtual

While making efficient use of time and travel and providing opportunity for the campus community to participate, assistance from the campuses is requested in facilitating this virtual event.

For more information, contact:

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CNSE researchers present at microelectronics symposium



Ahmad

Syed Ahmad, manager of engineering services, Fred Haring, fabrication technician, and Bernd Scholz, research engineer, at NDSU's Center for Nanoscale Science and Engineering (CNSE) presented nine papers at the 2010 International Microelectronics and Packaging Society, (IMAPS) 43rd International Symposium on Microelectronics, Nov. 2 to 4, in Raleigh, N.C.



Haring

NDSU presentations at the conference included: Characterization of Substrate Materials for Use in Environment Classification; Tape-Peel Testing as a Simple Method to Evaluate the Adhesion of Coated Layers on Metal Core PCB Package Reliability Testing; Spin Coating of Dielectrics on Thin Silicon Wafers to Enhance Strength Characteristics/Wafer Level/CSP Packaging Requirements; Micromachining of Sapphire Wafers using 532 nm Laser; Emerging Technologies High Via Density on Thin Metal Core PCB Using Electro Coated Dielectric High Performance Interconnects and Boards; A Novel Metal Core Substrate with Simplified Manufacturing Process and High Adhesion Conformal Dielectric and Circuitry Metal for High Density Chip-Scale



Scholz

Packaging Applications High Performance Interconnects and Boards; Correlation of Dispense Characteristics to Material Properties Printed and 3D Structural Electronics; Fine Feature Solder Paste Printing for Solder Sphere and Solder Trace Manufacturing Flip-Chip and Wafer Bumping: Processes and Reliability; Fabrication of Tall Structures for Microelectronic Applications Using Selective Electrodeposition Process Printed and 3D Structural Electronics.

Authors of these papers include: Syed Ahmad, Arun Shankaran, Fred Haring, Bernd Scholz, Aaron Reinholz, Ismir Pekmic, Nathan Schneck, Kaycie Gerstner, Nicole Dallman, Chris Hoffarth, Justin Vignes, John Jacobson, Zane Johnson, Kevin Mattson, Greg Strommen, Kristi Jean, Wei Yang Lim and Ferdous Sarwar.

The IMAPS conference promotes international cooperation, understanding and promotion of efforts and disciplines in micro-electronics packaging and design, 3D packaging, thermal management, lead free issues, MEMS packaging, reliability testing, bio-med and advanced electronics materials and technologies.

Flag Raising Ceremony held



Members of the ROTC performed a Flag Raising Ceremony in honor of Veteran's Day near the Memorial Union on Wednesday, Nov. 10, at 8:05 a.m.

NDSU hosts visiting doctoral students from Kazakhstan

NDSU hosted four visiting doctoral students from the Kazakhstan National Agrarian University from Oct. 27 to Nov. 15. They came through a partnership between KazNAU and NDSU where NDSU faculty agree to serve as co-supervisors on the students' doctoral committees. The students met with their co-supervisors in the fields of agricultural and biosystems engineering, agribusiness and applied economics, and soil science to discuss their research topics.

Spiering presents at conference



Spiering

Kerri Spiering, associate vice president for equity, diversity and global outreach, presented "Combining International and Multicultural Education: A New Approach to Inclusivity on Campus" at the NAFSA: Association of International Educators Bi-Regional Conference Region II and IV held Nov. 14-17 in Omaha, Neb. The presentation discussed having a single administrative position as an umbrella for both diversity and international programs. Spiering also serves as the international education leadership representative for NAFSA Region IV.

Family therapy information session scheduled

The Couple and Family Therapy (CFT) master's degree option faculty in the Department of Human Development and Family Science will host an open house for students interested in learning more about the CFT program and how to apply. The open house is scheduled for Friday, Dec. 3, from 2 p.m. to 4 p.m. at the NDSU Family Therapy Center in SGC C108, 1919 N. University Drive. Attendees are invited to tour the new state-of-the-art facility and visit with faculty members. Informational presentations will take place at 2:30 p.m. and 3:30 p.m. Refreshments will be provided.

The Couple and Family Therapy Program received the 2009 NDSU Diversity Impact Award and is accredited by the American Association for Marriage and Family Therapy's Commission on Accreditation for Marriage and Family Therapy Education.

For information, contact tom.carlson@ndsu.edu or visit www.ndsu.edu/hdfs/cft.

Students design exhibits for Downtown Public Library

Nineteen third-year landscape architectures students and their professor, Stevie Famulari, transformed the east and west entrances of the Downtown Public Library on Monday, Nov. 15. Their temporary exhibits, "Symphony in Red" and "Transforming Perception," redefine the transitions between interior and exterior.

The exhibit is open to the public during regular library hours until Nov. 21. A public reception is scheduled for Wednesday, Nov. 17, from 3 p.m. to 5 p.m.

"Transforming Perception" is installed at the east entrance. Inspired by the changing effects of the Red River, the design brings awareness of the river's impact on the city.

"Symphony in Red," located at the west entrance of the building, draws in the public through flowing red fabric. Using 200 yards of vibrant red fabric, the design appears to move through the glass windows giving the illusion of no glass.

Students began planning the project weeks ago. They divided into two groups each choosing a library entrance. In mid-October they started researching the history and existing conditions of the site. Based on their analysis, both groups began exploring potential ideas for a design.

"It's an interesting feeling to design something that you know other people will get to experience. It has also been a new challenge to design with the intention of actualizing our work," said Nathan Thomas, landscape architecture student.

SHORTS & REMINDERS

Positions Available

Positions open and screening dates through the Office of Human Resources, SGC, 1919 N. University Drive. Position openings also are available through the NDSU website at www.ndsu.edu/jobs.

Research Specialist

Plant Science
\$35,000+/year
Open until filled

Recruitment Program Coordinator

Multicultural Programs
10-month position
\$20,000+/year
Dec. 3

Senior Technical Services

Librarian/#00023136
Library
\$65,000+/year
Open until filled

Agricultural Technician

Williston Research Extension Center
Williston, N.D.
\$28,000+/year
Open until filled

Ag Research Technician/#00023280

Animal Sciences
\$30,000+/year
Open until filled

Checker

Dining Services
M-F, 12 p.m. to 8:30 p.m.; August-May
\$8.75/hour
Nov. 19

Baker/#00020948

Dining Services
\$11.65/hour
Nov. 18

University Relations
North Dakota State University
NDSU Dept 6020, PO Box 6050
Fargo, ND 58108-6050

CALENDAR

- 17 Transgender Day of Remembrance** – YMCA of NDSU Brown Bag Series, noon, Memorial Union Arikara room. Co-sponsored by the Equity and Diversity Center.
- 17 Sexual assault prevention training** – noon to 1 p.m., Memorial Union Room of Nations. Sponsored by the Office of NDSU Sexual Assault Prevention Program.
- 17 Anti-racism training** – 1 p.m. to 4 p.m., Memorial Union Mandan room. Sponsored by NDSU Anti-Racism Team.
- 17 International Studies Major presentation (International Week event)** – 2 p.m., Memorial Union Prairie room.
- 18 FORWARD Leadership Development Programs** – A panel discussion by individuals who have had leadership training. Visit www.ndsu.edu/forward for times, locations and to register.
- 18 World I View: “Visions of Guatemala: Reflecting on the Possibilities and Challenges of Service Learning,” (International Week activity)** – noon, Memorial Union Rose room
- 18 Fulbright Reception** – 2 p.m. to 4 p.m., Memorial Union Prairie Rose room. Sponsored by Equity, Diversity and Global Outreach.
- 18 Chemistry and biochemistry seminar, “Structural Virology: Building a 4D Toolkit for Annotating Essential Steps in a Viral Life Cycle,”** – Mavis Agbandje-McKenna, director of Center for Structural Biology and professor at the University of Florida, 4 p.m., Dunbar room 152
- 19 Indonesia – Unity in Diversity presentation (International Week event)** – 1:30 p.m. to 4 p.m., Memorial Union Hidatsa room.
- 19 Animal Sciences Graduate Seminar** – “Impact of protein supplementation during the third trimester on uterine blood flow in beef cow,” Craig Zimprich, graduate student, 3 p.m. to 4 p.m., Hultz Hall, room 104
- 22 Plant Sciences Graduate Seminar** – “RNA Interference: a Novel Source for Crop Improvement,” Behzod Tashtemirov, 3:30 p.m., Loftsgard Hall 114
- 23 Science, Religion, and Lunch Seminar, “The Truth Project (cont.)”** – Ron Joyce, noon, Memorial Union Meadowlark room
- 23 ECS Green Bag Lunch** – Chris Beachy, Minot State University, “Microarray analysis of cadmium-induced transcription in axolotls,” 12:30 p.m., Memorial Union Hidatsa room
- 23 Keith Bear: Native American Storyteller, Flutemaker and Musician** – 7 p.m. to 9 p.m., Beckwith Hall. Sponsored by Multicultural Programs and Equity and Diversity Center.
- 29 Plant Sciences Graduate Seminar** – “Kudzu Invasion Aggravates Ozone Pollution by Emitting Volatile Organic Compounds and Nitric Oxides,” Yang Gao, 3:30 p.m., Loftsgard Hall 114
- 29 FORWARD Lecture Series on Faculty Advancement** – Jennifer Sheridan, WISELI executive and research director, University of Wisconsin. For times, locations and to register visit www.ndsu.edu/forward.
- 29 Winona LaDuke: Native American Activist, Environmentalist and Writer** – 7 p.m., Memorial Union Century Theater. Sponsored by Multicultural Programs and Equity and Diversity Center.
- 30 ECS Green Bag Lunch** – Brandon Kowalski, “A Test of Repeatability of Body Shape Evolution in Pupfish,” 12:30 p.m., Memorial Union Hidatsa room
- 30 FORWARD Allies Training** – Learn more about being an Ally for the FORWARD program. Visit www.ndsu.edu/forward for times, locations and to register.

MORE CAMPUS EVENTS www.ndsu.edu/eventcalendar

NEXT ISSUE Publication date: Wednesday, December 8 | Submissions due: noon December 2

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