College of Business and Information Systems

STUDENT HAPPENINGS

Research Experience

Erin Newbury, a Dakota State University junior majoring in computer information systems with a specialization in project management, is one of ten college students from around the country invited to a new Research Experiences for Undergraduates (REU) project at New York's Rochester Institute of Technology (RIT). The REUs are research opportunities funded through the National Science Foundation. This particular REU will provide the undergraduate students the opportunity to conduct research in software engineering. For more information, see dsu.edu/news/newbury-chosen-for-rochester-institute-research-internship.

Conference Presentation

Grant Carlson was selected to make a presentation at the 2018 Upper Midwest Regional Honors Conference in March. The event featured student and faculty presentations, roundtables, and poster sessions. The conference also allowed for social interaction and networking with other honors students, faculty, and staff from across the region. Grant is a DSU honors student majoring in computer information systems with a specialization in project management. The topic of his presentation was "A Deeper Look into Innovation Through Cryptocurrency."

Television Interview

KELOLAND Living interviewed Anne Lehman, a DSU business administration student majoring in management and marketing, about her online blog called Mindfulness in the Midwest. To watch the interview, visit mindfulnessinthemidwest.com/kelo-interview/.

The College of Business and Information Systems offers programs that have been accredited or approved by meeting national standards!

ACBSP
GLOBAL BUSINESS ACCREDITATION
www.acbsp.org

CAHIIM ACCREDITED PROGRAM
www.cahiim.org

HIMSS APPROVED Education Partner
www.himss.org

DSU DAKOTA STATE

College of Business and Information Systems
820 North Washington Avenue - East Hall
Madison, SD 57042
Phone 605-256-5165
BIS@dsu.edu

STUDENT ACHIEVEMENTS

SDHEA Conference

Cassandra Morgan was honored by the South Dakota Higher Education Association at their conference in February. She was awarded with the Robert J. Courtney Student Leadership Award which recognizes one student annually who demonstrates leadership excellence within their institution and community.

Student Leader

Lindsey Vogl, a finance and professional accountancy major, was awarded both the Campus Student Leader award and the College Student Leader award in the College of BIS at the 2018 Spring Honors Banquet. To receive these awards, Lindsey exemplified the highest degree of skill in management, communications, personal relations, vital involvement, and university accomplishments, as well as demonstrating outstanding leadership within her college.

Lowry Scholar

This year the faculty of the College of BIS selected Cassandra Morgan to receive the Lowry Scholar award. This award goes to a senior with a GPA of at least 3.5 who has demonstrated significant scholarly involvement and achievement in the major beyond the standards for a 3.5 GPA. Cassandra is double majoring in business technology and professional accountancy.

Student Employee of the Year

Tavyn Hallan, a professional accountancy major, received the On-Campus Student Employee of the Year award. This award process is held in conjunction with the Midwest Association of Student Employment Administrators. Tavyn was also named the State of South Dakota 2018 Student Employee of the Year award for excellence in reliability, quality, initiative, and professionalism. He works as part of the admissions and registrar team at DSU.

SME Scholarship

Sales and Marketing Executives, Inc. (SME) of Sioux Falls announced the winners of their 2018 scholarships in April. Each year four students are selected as scholarship finalists and given the chance to compete in a sales role-play to determine the amount of their scholarship. They are judged on creativity, presentation skills, interaction skills, knowledge of the product, sales and persuasion and the ability to respond to questions. This year Lindsey Vogl from DSU earned second place, receiving $1,500.

Doctoral Graduates

Four candidates for the Doctor of Science in Information Systems (DScIS) degree were successful in completing the requirements to graduate. The students and their dissertation topics are: Ahmed Elnoshokaty (Hybrid Online Recommender with Psycholinguistic and Social Network Features); Thomas Llanso (A Capability-Centric Approach to Cyber Risk Assessment and Mitigation); Pamela Rowland (The CybHER Program Supported by CISSE Framework to Engage and Anchor Girls in Cybersecurity); and Vetrivadivel Vel (The Study of Crowdsourcing in Knowledge Management: The Role of Employee's Innovative Behavior on Job). Best wishes on the future for Dr. Elnoshokaty, Dr. Llanso, Dr. Rowland and Dr. Vel!

CLUB NEWS

Delta Mu Delta

On April 16, John Trout and Paulina Zach were inducted as the newest members of Delta Mu Delta, a national honor society for students majoring in business administration. Paulina (pictured at left) was also elected as the vice president, joining President-elect Brandon Schmit , Secretary Ben Aasheim (pictured on the monitor), and Cassandra Morgan, who has been the club president.

Phi Beta Lambda (PBL)

Lindsey Vogl, David Weidler, and Jacia Christiansen competed in six events in regional PBL competition (Accounting Principles, Accounting for Professionals, Business Presentation, Microeconomics, Macroeconomics, and Personal Finance) to earn the right to participate in competition at the national conference in Baltimore, Maryland in June 2018. Pictured are David, Lindsey, and Cassandra Morgan (accepting the awards for Jacia, who was not available for the photo.)

Delta Mu Delta and PBL are both clubs that recognize and encourage academic excellence to create a community that fosters the well-being of its individual members and business community.

ALUMNI NEWS

Todd Norden, who graduated with his health information administration degree in 2017, has been named to the American Health Information Management Association's New Graduate Leadership Committee.

FACULTY PRESENTATIONS

Faculty represented the DSU Graduate Programs at the BIG Job Fair in Sioux Falls. Pictured is Dr. Ronghu Shan, coordinator of the Master of Science in Information Systems program.

The Madison High School health occupations class visited campus and talked about career options with the health information management faculty.

Dr. Dorine Bennett shared information about the College of BIS in Pierre at the Madison/DSU Hosts the Legislature reception.

Midwest Economics Association

In March, Dr. Rob Girtz presented a research paper at the 2018 Midwest Economics Associations meeting in Evanston, Illinois. The article is titled "The Mediation Effect of Self-esteem on Weight and Wages" and is co-authored with Dr. Ron DeBeaumont, a professor of economics at Black Hills State University.

Family Child Care Professionals of SD

Dr. Wendy Jansen-Simmermon made a presentation at the Family Child Care Professionals of South Dakota Conference this April. Her presentation, titled "The Human Side of Business Management," was about human resource management, training and retaining the best employees. Wendy has been an adjunct instructor for the College of BIS teaching a number of business courses.

Hawaii International Conference on Systems Sciences

Dr. David Bishop presented a peer-reviewed research paper at the Hawaii International Conference on Systems Sciences (HICSS) in January. His paper, "Antecedents of Preference for Agile Methods: A Project Manager Perspective" was co-authored by Dr. Cherie Noteboom and Pam Rowland of DSU.

Dr. Cherie Noteboom also co-authored two other research papers with Mohammad Al-Ramahi that were presented at HICSS. These were "What are the Gaps in Mobile Patient Portal? Mining Users Feedback using Topic Modeling," and "Systematic Analysis of Patient Portals Adoption, Acceptance and Usage: The Trajectory for Triple Aim?"

2018 SDSU Data Science Symposium

Dr. David Zeng provided a workshop, called "Python for Data Science," at the Data Science Symposium held in Brookings, South Dakota in February.

In addition, Dr. Zeng presented on "Deep Neural Networks to Predict Self-perception of Cardiovascular Disease ~ A Technical Demo" and Dr. Cherie Noteboom presented on "Mining Users Feedback: Discovering the Gaps in Mobile Patient Portals."

South Dakota Society for Technology in Education

At the South Dakota Society for Technology in Education (SDSTE) Professional Day in the fall, Dr. Chris Olson and Rob Honomichl of DSU presented a session for the attendees about website accessibility. They demonstrated how the WAVE (Web Accessibility Evaluation) toolbar can be used to determine if a web page is free of accessibility issues to help ensure web pages are compliant with WCAG 2.0 (Web Content Accessibility Guidelines). Built-in accessibility checkers in Word 2016 and Adobe Acrobat Pro DC were also demonstrated.

2018 International Conference on Big Data and Education

Dr. David Zeng presented a paper titled "Clustering School Districts in the US with Deep Autoencoder Network" at the 2018 International Conference on Big Data and Education (ICBDE 2018) in Honolulu, Hawaii on March 9-11, 2018. Dr. Zeng was also selected to serve on the technical committee of the conference, along with scholars from the U.K., France, Germany, China, the U.S., and other countries.

RESEARCH POSTER SESSIONS

2018 SDSU Data Science Symposium

Three College of BIS students shared information about their research activities during the poster session held at the Data Science Symposium at SDSU in Brookings, S.D. James Boit presented about "Malaria Surveillance System Using Social Media" and Peter Gilbertson's poster was about "Exploratory Tools for National Children's Study Data." The poster presented by Bigyan Khanal was titled "Application of Deep Neural Network for Calculation of Pretest Probability of the Heart Diseases" and was selected for a $100 second prize in the poster competition.

2018 Dakota State University Research Day

The poster session at DSU's Research Day included posters from several College of BIS faculty and students. Dr. Zixing Shen's poster was about her research on "Use of Mental Models and Cognitive Maps to Understand Students' Learning Challenges" and Dr. Cherie Noteboom presented a poster about "What are the Gaps in Mobile Patient Portal? Mining Users Feedback using Topic Modeling."

In addition, Dr. Noteboom worked with a number of students on their research, sharing posters on topics including:

⇒ "A Malaria Surveillance System Using Social Media" (James Boit);
⇒ "Exploratory Tools for National Children's Study Data" (Peter Gilbertson);
⇒ "Brokering Trust via Data Visualization" (Kari Sandouka); and
⇒ "HIT Improving Communication with Care Providers to Improve Patient Care" (Andy Behrens).

Presenters at the 2018 Research Symposium include:(left to right)Bigyan Kahnal, Ahmed Elnoshokaty, Peter Gilbertson, Andy Behrens, Cherie Noteboom, Adam Erck, and Tareq Nasralah.

Dr. David Zeng had two posters on research with Bigyan Khanal, including:

⇒ "Deep Neural Networks to Predict Self-perception of Cardiovascular Disease;" and
⇒ "Application of Deep Neural Network for Calculation of Pretest Probability of Heart Disease."

Dr. Omar El-Gayar also had two posters with students, including:

⇒ "Investigating Diabetes Patients Concerns: Evidence from Twitter" (Ahmed El-Noshokaty); and
⇒ "What Patients Can Tell Us about Using Technology: Topic Analysis for Social Media on Diabetes" (Tareq Nasralah).

The top two graduate posters went to College of BIS students, Bigyan Khanal (1st place) and Ahmed Elnoshokaty.

START GRANTS

Congratulations to the College of BIS faculty who were awarded funding through the DSU Supporting Talent for Research Trajectories (START) seed grant program! This program, supported by Academic Affairs, encourages faculty to identify new collaborations, research strands, or funding sources and to write a grant proposal to a funding source (as approved by the DSU Office of Sponsored Programs).

Awardees are:
Cherie Noteboom and Dave Bishop: Project Management in Health Information Technology
Justin Blessinger and Chris Olson: Disability, Independent Living, and Rehabilitation Research
David Zeng: Learning Distributed Representations of Medical Concepts to Summarize the Real-time State of ICU Patients

30 YEARS

Dr. Dorine Bennett was recognized at DSU's Longevity Reception in April for 30 years of service. Over the past three decades, she has worn many hats at DSU: student, faculty member, director and coordinator of academic programs, and currently Dean of the College of Business and Information Systems. Never willing to settle for the status quo, Dr. Bennett is determined to do all she can to help make the College of BIS as successful as possible. Many great things are on the horizon for BIS with Dr. Bennett at the helm. Congratulations on an incredible milestone!

GOOD DEEDS

Dr. Jim McKeown organized another successful BIS soup lunch to raise money for scholarships. This year's event, with nearly 60 people in attendance, collected $742 to go toward the David Peak Memorial Scholarship. Thank you to the faculty and staff who contributed food, supplies, and time! Pictured are Dr. McKeown with Gina Peak.

A number of BIS faculty and students participated in projects both on campus and in the community during DSU Service Day in April. Pictured (center) is HIM Director Renae Spohn, singing at a local long-term care facility with DSU choir students and DSU staff members.

CENTER OF EXCELLENCE

DSU's Center of Excellence (CEX) in Computer Information Systems hosted a three-part speaker series that concluded during the spring semester. The first presentation was from Matt Jensen, titled "Rising in Excellence: Creating Positive Environments." This was followed by Melanie Brown speaking on "Rising in Leadership: Inspire, Ignite, and Impact Greatness" in January and Michael Roose speaking on "Rising in Leadership: My Journey to the Blockchain" in March.

The primary goal of the Center of Excellence in Computer Information Systems is to prepare graduates who can take the lead in the development and application of information technology tools in business, industry, government and education.

Student members of the CEX must maintain a minimum of a 3.2 grade point average, have a minimum ACT of 24, complete a core of designated course, and complete a major field capstone experience.

BE SOCIAL with
College of Business & Information Systems

@DSUbiz

@dsu_bis

DSU College of Business and Information Systems

dsu_bis

dsubis

DSU
DAKOTA STATE