THE COLLEGE OF BUSINESS AND INFORMATION SYSTEMS
NEWSLETTER

DAKOTA STATE UNIVERSITY

HELLO FROM THE COLLEGE OF BIS

A MESSAGE FROM THE DEAN

If you have seen our previous College of BIS newsletters, you might notice that the format is different for this Spring 2019 version. Dakota State University's brand has been updated with new logos and new colors and it is exciting! (**vimeo.com/333779749**) The letter D at the middle of the hexagon in our new logo not only represents Dakota State University, but it also is indicative that we are focused on being dedicated, driven, disciplined, dynamic, determined, and distinctive.

Dedicated – The faculty and staff of the College of BIS are committed to providing high quality service to our students. Not only are students welcome to contact their instructors and advisors to get the help they want and need, the College utilizes social media to communicate and our office staff can be reached by phone at 605-256-5165, by text at 605-743-0583, or by email at BIS@dsu.edu.

Driven – The faculty are leaders in professional associations and active in research that builds knowledge and informs the industry. Their contributions are important to publications and presentations across the state, nation and world.
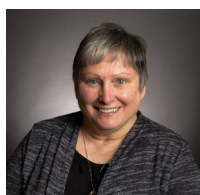
Disciplined – Students in the College of BIS have opportunities to enroll in meaningful programs that will help to make them productive citizens in fields of business, health information management, informatics and analytics, and computer information systems. We have options ranging from certificates to doctoral degrees, depending on the aspirations, time, and resources students have available.

Dynamic – The College of BIS curriculum and coursework is reflective of current and future workforce needs as recommended by professionals through advisory boards and other interactions with employers. We utilize technology in multiple formats in both online and face-to-face classes to ensure that our students are educated, creative, and problem solvers.

Determined – As evidenced by the success of our students, the College of BIS students are hard workers with goals. Participating as individuals or teams, they are doing well in a number of competitions related to research or practical applications. Based on what they are learning in various programs, the students are eligible to successfully earn certifications and credentials from external organizations, including areas such as health information technology or administration, project management, accounting, software applications, finance, and others.

Distinctive – The business programs are accredited by the Accreditation Council for Business Schools and Programs (ACBSP) and the health information management programs are accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM), meaning that the our programs have undergone an external review to ensure that they have met or exceeded quality standards.

I am proud to be the Dean of the College of BIS, and I invite you to read this College of BIS Spring 2019 Newsletter to learn more about us. You might also want to visit our **website**. dsu.edu/academics/colleges/college-of-business-and-information-systems (By the way, this site also includes a link to our previous newsletters if you want to check them out.)

Wishing you all the best,

Dr. Dorine Bennett

Dr. Dorine Bennett

FACULTY NEWS

HICSS

Dr. Cherie Noteboom and Dr. Omar El-Gayar participated in the Hawaii International Conference on System Sciences (HICSS) in January. HICSS provides a highly interactive working environment for top scholars from academia and the industry from over 60 countries to exchange ideas in various areas of information, computer, and system sciences.

Dr. El-Gayar presented a paper he co-authored with Tareq Nasralah and Ahmed Elnoshokaty titled "Wearable Devices for Health and Wellbeing: Design Insights from Twitter " and chaired a mini-track within the "Decision Analytics, Mobile Service and Service Science" track titled "Sustainability in the Fourth Industrial Age: Technologies, Systems and Analytics". While at the conference, he also had opportunities to attend a half-day symposium titled "We'll Tell You What We Want…What We Really, Really Want.": Doctor, Patient And Behavioral Health Research Perspectives On Mhealth And Health IT" and another half-day symposium titled "Digital Innovations In Self Health Management: Changing Patient-Centered Models Of Care". The symposia allowed Dr. El-Gayar to interact with leading researchers in the field, discussing research issues and opportunities for future research.

Dr. Noteboom presented four papers at the conference, including: "Discovering Patient Portal Features Critical to User Satisfaction: A Systematic Analysis" authored by Abdullah Wahbeh, Mohammad Al-Ramahi, and Cherie Noteboom; "Healthcare Equity: Questions of Access and Security" authored by Cherie Noteboom and Matthew Noteboom; "Patients' Characteristics Effecting the Use of a MyChart Patient Portal" authored by Ali Ahmed, Tareq Nasralah, Abdullah Wahbeh, and Cherie Noteboom; and "Multi-Criteria Selection of Capability-Based Cybersecurity Solutions" authored by Thomas Llanso, Martha McNeil, and Cherie Noteboom. She was invited to assist with the Doctoral Consortium and to serve on the Doctoral Consortium Panel titled "Work/Life Balance in Academic Career". The Panels are open for doctoral students and junior faculty to provide insights, best practices, and illustrative examples on how to develop a successful academic career. Stephan Hendrix, DSU PhD IS student, was selected to participate in the HICSS Doctoral Consortium.

More information about HICSS 52: Where Ideas Meet and Science Speaks can be found at http://hicss.hawaii.edu/program-hicss52/ and a complete set of HICSS proceedings will also be made available in the digital library of the Association of Information Systems (AIS).

ISERD

Dr. David Zeng traveled to Las Vegas in March for the International Conference on Recent Innovations in Engineering and Technology (ICRIET). While there, he served as a session chair and presented his paper titled "Effectiveness of Transfer Learning on Medical Image Classification Using Chest-Xray 14 Dataset", which was co-authored with James Boit, a doctoral IS student at DSU. The conference is organized by International Society for Engineering Research and Development (ISERD) to provide an opportunity for the scholars and students from universities all around the world and the industry to present ongoing research activities and to foster business and research relations between the universities and the industry.

FACULTY NEWS

SDHIMA

DSU's health information management program director, Renae Spohn, and faculty members, Julie Wulf Plimpton and Linda Parks, made a presentation at the 2019 South Dakota Health Information Management Association's Spring Conference in April. It was called "Let's Go Diving into Data Analytics!" and provided attendees with a foundation to understand statistics and data analysis.

University Center

During the Spring semester, faculty members talked about DSU's programs in business and computer information systems during information sessions held at the University Center in Sioux Falls. The business program coordinator, Dan Talley and instructor Wendy Simmermon participated in the University Center's event related to business programs and CIS program coordinator, Chris Olson and instructor Andy Behrens spoke at the IT & Technology Exploration Night in March.
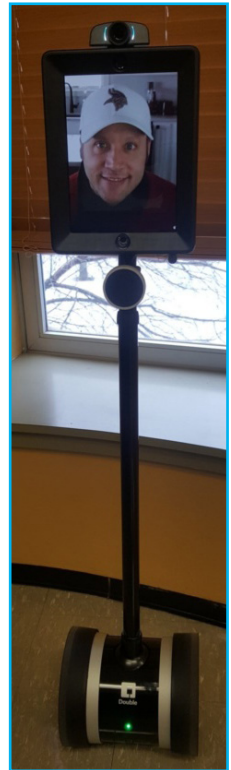
Teaching Abroad

With the support of the International Programs at DSU and the Magellan Exchange Organization, Dr. Deb Tech had the opportunity to teach Disruptive Technologies and Marketing at FH Voralberg in Dornbirn Austria for a week between the DSU Fall and Spring semesters. Content of her course included topics such as A.I. (Artificial Intelligence), IoT (Internet of Things), VR/AR (Virtual and Augmented Reality) and Blockchain Technology.

FACULTY NEWS

Connecting Remotely

Dr. Chris Olson teaches computer information systems courses and is the coordinator of the undergraduate CIS program, and he is a wheelchair user. Although he is frequently found in his office in East Hall at DSU, he also has a robot, which he has named Cosmo, that makes it possible for him to sometimes remain at home or other locations off campus while attending classes or meetings on campus virtually. They make quite the pair! Cosmo is controlled by Dr. Olson through the Google Chrome web browser and the arrow keys on the keyboard of his computer. Cosmo contains two cameras with three modes: a wide angle for large rooms, a clearer, narrower angle for closer interactions, and a floor angle to help drive and return him to his docking station where the robot and the iPad can be charged.

http://siouxfalls.business/robotic-assistant-allows-dsu-professor-to-appear-virtually-on-campus/?fbclid=IwAR0O3m_pI3E_MiTcIuya6rHyPrEYlTOfoB-Lv8FijJ2J-DrtSRLma508Ofs

Publication in Journal of Education for Business

Dr. Zixing Shen has a first-authored publication titled "Use of mental models and cognitive maps to understand students' learning challenges" in Journal of Education for Business. The paper proposes a novel use of mental models and cognitive maps as a device to elicit students' challenges in learning the domain knowledge of a course. It was published as Original and Applied Research in Volume 94 Issue 5 of the journal.

Travel Program

Dr. Deb Tech, professor of marketing and internship coordinator, led an international trip for DSU employees, students, alumni and friends during the spring semester. In March, the group ventured off to Iceland to see the Northern Lights and other sights of the country. DSU's Alumni Office assisted with organizing the trip.
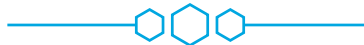
FACULTY NEWS

Journal of AHIMA

HIM faculty member, Julie Wulf Plimpton, co-authored an article for the March edition of the Journal of AHIMA titled "The Evolution of Technology in HIM: Where Are You in Your Journey?"
http://www.ahimajournal-digital.com/ahimajournal/march_2019?pg=29#pg29

AHIMA is the premier association of health information management (HIM) professionals worldwide. Serving 52 affiliated component state associations and more than 103,000 health information professionals, AHIMA is the leading authority for "HIM knowledge" and widely respected for its esteemed credentials and rigorous professional education and training.

AHIMA's Triumph Awards Committee

Renae Spohn, the Director of the Health Information Management Programs in the College of BIS, is serving as the Chair of the American Health Information Management Association's Triumph Awards Committee this year. It is the responsibility of the committee to review nominations for several professional awards which are then presented at the AHIMA Convention in the Fall.

EVENTS

Program Review

The information systems degree programs (AS in Web Development, BS in Computer Information Systems, MS in information Systems and PhD in Information Systems) conducted an institutional program review during the 2018-2019 academic year. Institutional program reviews assist in the continuous improvement of educational program quality. The coordinators of the programs worked with the administration, staff, and faculty to collect relevant information to prepare a self-study report about the performance of the programs, including topics such as curriculum, resources, student outcomes, and faculty qualifications. The report was shared with an external reviewer, Dr. Dursun Delen from the Department of Management Science and Information Systems at Oklahoma State University, and Dr. Delen made a site visit to the DSU campus in the spring semester. During that time, he met with students, faculty, staff and administrators to continue his evaluation of the programs and make recommendations.

For more details about the information systems program review, visit https://public-info.dsu.edu/academic-program-reviews/computer-information-systems-b-s-and-information-systems-m-s-d-sc/

Girl Scout Cookie University

Dakota State University hosted Cookie University on February 2 as an opportunity for kindergarten through 12th-grade girls to prepare to build their cookie business. The financial literacy program uses age-appropriate curriculum to introduce Girl Scouts to the five skills (money management, decision making, goal setting, people skills and business ethics) they learn when participating in the Cookie Sale Program. This was the 4th year for the event to be held on the DSU campus coordinated by Dr. Deb Tech, assistant professor in the College of Business and Information Systems. After a welcome message from Dr. Dorine Bennett, Dean of the College of BIS, all grade levels of Girl Scouts then attended classes to learn about the cookie program, earn Cookie Business Badges, and share ideas.

More information on the event can be found at https://dsu.edu/news/girl-scoutsdakota-horizons-announce-cookie-university-to-be-held-at-dakota

EVENTS

HIP Week

March 24-30 was Health Informational Professionals Week 2019 with a theme of Information Professionals Driven by Health Data". The of DSU's health information management programs opportunity to visit the dean of the College of BIS and the health information professionals in area facilities them for their support in helping grow DSU's HIM Programs.

BIS Soup Luncheon

The BIS Soup Luncheon, coordinated by Dr. Jim McKeown, was held in February with a selection of homemade soups, breads, desserts, ice cream and other food provided by the faculty and staff. The annual events were started as a way to raise funds for scholarships, and this year the proceeds were donated to the DSU Foundation for a scholarship in memory of Dr. David Peak, who taught in the College of BIS. Nearly 100 people attended the luncheon, which raised $961 in scholarship money.

Community Presentation

Two students in the PhD in Information Systems degree program contributed to education in the Madison Community in March as part of a panel exploring differing religions called "Ways to Believe" hosted Friends of the Madison Public Library. Tareq Nasralah from Jordan spoke about Islam and Ganga Basyal from India spoke about Hindu.

Blood Drive

DSU's Phi Beta Lambda (PBL) Club and Avera Community Blood Bank worked together to gather students, faculty and staff for a blood drive in April on the DSU campus. The drive resulted in 37 life-saving donations that will be used to help 111 patents and their families.

Scrubs Camp

The director, faculty and staff of the health information management programs participated in Scrubs Camps to share information about careers in health information management. In addition to attending Scrubs Camps held in Winner, Yankton and Vermillion, they hosted the Scrubs Camp held on the DSU campus. Scrubs Camps are one-day opportunities for high school students designed to increase awareness, interest, and understanding of health careers available in South Dakota through creative and interactive activities.

There was a total of 39 students that participated in the Madison Scrubs Camp conducted at Dakota State University on April 26, 2019. During the event, HIM Director, Renae Spohn, was a van driver to take students to Madison Regional Health System for a tour of the hospital, and she also assisted HIM associate professor, Linda Parks, at an informational booth to let students know about our HIM educational offerings. HIM Assistant Professor, Julie Wulf Plimpton, talked to the students about the HIM profession and careers available. Brenda Warren, the HIM Programs senior secretary, coordinated the event, and she even taught the students a little about suturing. The 2018-2019 school year was the eleventh year a Scrubs Camp was held in Madison.

Stackable Credentials

Dr. Dorine Bennett, Dean of the College of BIS, was interviewed for a Prairie Business Magazine article about stackable credentials in higher education.

To read the article online, visit https://www.prairiebusinessmagazine.com/community/nonprofits/4593238-ladders-success-how-stackable-credentials-stack-higher-education

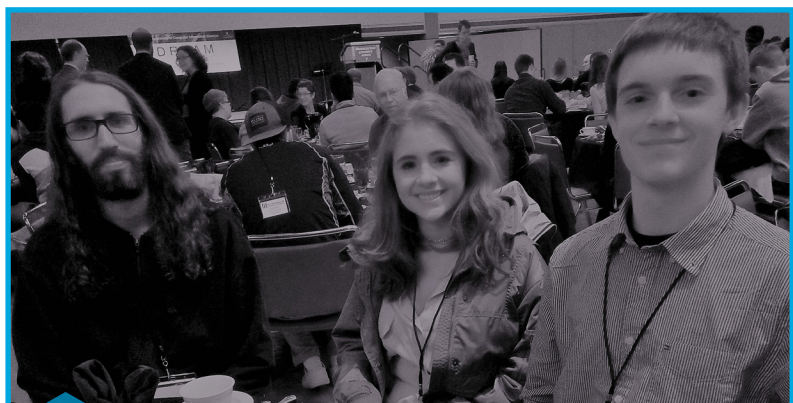# Student Competitions and Conferences

Hackathon

BIS faculty member Dr. David Bishop coordinated a Hackathon February 15-17 to give students the opportunity to get some real-world experience in ethical hacking. The participants were given a challenge to create an app for FirstNET to help solve problems experienced by first responders from the SD Highway Patrol, Sioux Falls Fire Department and the SD Department of Health. Teams started on Friday, February 15 at 5 p.m. and worked through daytime hours until Sunday, February 17 at 5 p.m. The award winning solutions were: first place - Anuj Ojha, Seema Bhandari and Astha Manandhar and a tie for second place - Akhilesh Chauhan, Kaushik Ragothaman, Piyush Vyas, Ragesh Godasu and Mason Schmidgall, Sai Hemantha Kumar Polakampally, John Fosu, Kavya Sri Ambati, Martinson Ofori.

MUDAC Competition

Three DSU students, Michael Boyle, Sophie Pokorney, and Riley Johnson, traveled to Minnesota to compete in the Midwest Undergraduate Data Analytics Competition (MUDAC) on March 30-31, 2019. At the event, fueled by cans of Red Bull and coffee with little to no sleep over a 24-hour period, 250 students in 60 teams from 30 universities across the Midwest proposed solutions to water quality problems facing Minnesota. Dr. David Zeng served as the faculty adviser and ran several training sessions for the student teams, covering popular data analytical models and practical tips. While our students didn't get the top prizes, their solutions and presentations received very positive feedback from the judges. The students believe that they have learned substantially during the competition and in the training sessions. The College of BIS and the Center of Excellence in Computer Information Systems provided financial support for the student teams.

PBL Spring Leadership Conference

The DSU PBL Business Club traveled to Coralville, IA to participate in the Iowa State Leadership Conference. Due to SD no longer having a state PBL organization, our students attended and competed at the Iowa conference. David Weidler, Kayla Mentele, and Lindsey Vogl attended along with advisor Dr. Yenling Chang. However, we had four other students compete online. The seven students who competed saw major success.

Every member who competed qualified to compete at the National Leadership Conference in June in San Antonio, TX. In addition to competing, the students who attended had the opportunity to attend workshops and network with other members (in both formal and informal situations). Three students attended workshops titled "The 5 Dysfunctions of Teams" and "Understanding Your Credit." On Friday, Iowa State PBL took them to Hatchet Jack's in Iowa City, where they, you guessed it, threw hatchets at targets. (The situation is safer than it sounds and lots of laughs were had.) On Friday during the conference, both the PBL and FBLA state organizations participated in Project Linus. Project Linus is an organization which creates and donates homemade blankets to children in need. Our blankets were sent to a local children's hospital.

THE RESULTS ARE AS FOLLOWS:

- Tavyn Hallan - 1st in Accounting for Professionals, and 1st in Personal Finance
- Lindsey Vogl - 1st in Business Communication, 1st in Cost Accounting, and 1st in Public Speaking
- Jacia Christiansen - 1st in Financial Concepts, and 3rd in Statistical Analysis
- AJ Schoenfelder - 1st in Information Management, and 2nd in Programming Concepts
- John Trout - 1st in Macroeconomics, and 3rd in Project Management
- Kayla Mentele - 3rd in Marketing Concepts, 4th in Microeconomics, and 3rd in Personal Finance
- David Weidler - 1st in Sports Management and Marketing, 1st in Marketing Concepts, and 3rd in Microeconomics

Bright Idea Business Competition

Ideas of many shapes and sizes can change the world in the blink of an eye. In March the Collegiate Entrepreneur Organization (CEO) hosted the first ever Bright Idea Competition which was open to students of any major. The participants had the opportunity to develop business plans for a potential new company or product that they envisioned. The plans were presented to local leaders and entrepreneurs for judging and we would like to thank them for their time and expertise. Preliminary selections were made by Jack Walters, Mike Parks, and Cam Schaefer and the judges for the final presentations were Mike Vetter (founder and CEO of DataSync and a DSU grad), Blaine Crissman (partner with South Dakota Equity Partners, a Sioux Falls venture capital firm), and Loren Mendel (partner in High Plains Technology). The awards were supported by a SBA FAST funding grant through the Lake Area Improvement Corporation. The results of the competition were: 1st place $1,000 - App Machine - Ethan Johanneson (picture 3), 2nd place $500 - EMS Express - Astha Manandhar, Seema Bhandari, Anuj Ojha, and 3rd place $250 - Late Night Eats - Kevin Jenkins.

Upper Midwest Honors Conference

In April students from DSU attended the Upper Midwest Honors Conference at the University of Wisconsin. Grant Carlson (BS in Computer Information Systems) presented on "Chinese Response to Internal Political Struggle and Climate Change" and Alexis VanderWilt presented on "Impact of Social Networks on the Spread of Disease."

Student Development

One of the College of BIS graduate students enrolled in the PhD in Information Systems degree program recently received two national honors. Francisca Opoku-Boateng was selected to participate in a Google scholars program and received a fellowship opportunity.

Through the Google Women Techmakers Scholars Program, she will receive a $10,000 scholarship for the 2019-2020 school year, attend a Google Scholars' Retreat, and take part in professional development and community outreach opportunities.

Through the blackcomputeHER Fellowship, she and a cohort of other fellows will explore technical and professional development through monthly trainings on a wide range of tech topics.
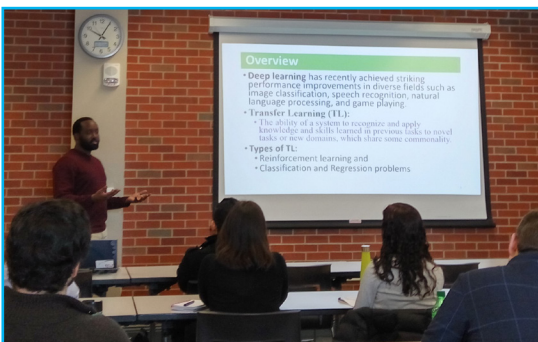For more information, visit https://dsu.edu/news/dsu-graduate-student-wins-two-national-honors

Entrepreneurship

In April, three members of the DSU Collegiate Entrepreneurs' Organization (CEO) along with their advisor, Dr. Michael Roach, attended the Midwest Entrepreneurship Conference in Omaha, NE. They had an opportunity to listen to and learn from speakers, including David Simnick, founder of Soapbox, and Gerry O'Brion, former brand manager for Coors Light and founder of whatbigbrandsknow.com.   College of BIS faculty member Dr. Roach said "this was a tremendous opportunity for our students to listen to fascinating entrepreneurial speakers. We were able to network with other like-minded students from all over the region and learn one very important lesson – that their ideas and abilities are on par with every other college's best and brightest. We really do have some talented students on our campus." For more information on DSU CEO, please email CeoClub@dsu.edu.

Data Science Symposium

The 2019 SDSU Data Science Symposium was hosted in Brookings, SD on February 4 - 5, 2019. A number of College of BIS faculty and students were represented in events at the symposium, which included workshops, oral presentations and poster presentations. Dr. David Zeng provided a workshop titled "Deep Learning with Python". Oral presentations included "Application of Transfer Learning Techniques for Medical Image Classification" by James Boit (PhD IS student) and Dr. Zeng and "The Fit of Data Visualization Design for Knowledge Activation" by Kari Sandouka (PhD IS student) and Dr. Cherie Noteboom. The poster presentations included "Employee Acceptance of Employer Control Over BYOD Devices" by Kevin R. Callies (PhD IS student) and Dr. Noteboom, "Mining Twitter to Assess the Perceptions of the Opioid Crisis" by Tareq Nasralah (PhD IS student) and Dr. Omar El-Gayar and Dr. Yong Wang, and "Interactive Visualizations: A Literature Review" by Kari Sandouka.

Honors and Awards

Longevity reception

DSU's Longevity Reception was held in April and two College of BIS faculty members, Cherie Noteboom and Ronghua Shan were recognized for their years of service to South Dakota. Dr. Noteboom has been employed by the state for 25 years, including on the faculty at DSU since 2009, and Dr. Shan has 20 years of employment on the faculty at DSU. Congratulations and thank you to both of them!

DSU Honors Banquet

Three associate professors in the College of BIS were recipients of DSU's annual faculty awards which were presented at the Honors Banquet. Congratulations to these faculty members on their awards: Dr. David Bishop (Excellence in Advising), Dr. Cherie Noteboom (Excellence in Research) and Dr. Deb Tech (Excellence in Service).
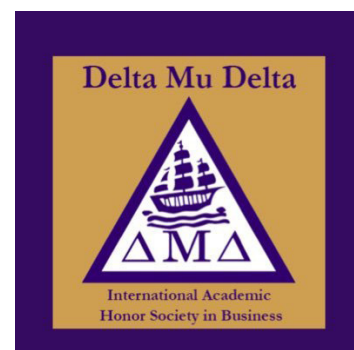

During the Honors Banquet students were recognized for their academic and leadership accomplishments. The College of BIS faculty chose Mark Streff to receive the Lowry Scholar designation, and Briana Grage and Kayla Mentele were nominated as the College of BIS student leaders. The SD Board of Regents student organization award for Academic Excellence was earned by Phi Beta Lambda business club. A number of athletes were also recognized for their achievements in DSU sports. John Trout (BBA in business technology student) was selected by Google College Sports Information Directors of America (CoSIDA) in recognition of accomplishments as a scholar-athlete who excels in both academics and athletics.

Delta Mu Delta

This year six students were inducted into Gamma Xi Chapter of Delta Mu Delta. Delta Mu Delta (DMD) is a national honor society in the field of business administration. To be chosen for this honor, students must attain a 3.25 cumulative grade point average and have completed at least half of the courses needed to obtain a Bachelor of Business Administration. Dr. Yenling Chang and Dr. Deb Tech are advisors for the chapter. New DMD members are:

» Debbie Anderson- BBA in Accounting

» Melissa Lock – BBA in Business Management and BBA in Accounting

» Kelli Perry – BBA in Accounting

» John Randal – BBA in Finance and BBA in Business Technology

» Maurice Redday III – BBA in Accounting

» Amanda Siemonsma – BBA in Business Management

National Society of Leadership and Success

Lindsey Baumberger, a health information administration major, was inducted into DSU's chapter of the National Society of Leadership and Success (NSLS). Students are invited to become members based on academic standing, and candidacy is a nationally recognized achievement of honorable distinction. Inducted members complete over 10 hours of leadership program training including an orientation, a leadership training day, three speaker broadcasts, three success networking team meetings, and the induction ceremony where the students receive their Certificate of Leadership Training.

Graduation

May 4th was the date for DSU's Spring Commencement and Masters Hooding Investiture ceremonies.

The College of BIS awarded ten associate degrees (one With High Honor), 40 baccalaureate degrees (four Magna Cum Laude and two Cum Laude), 43 masters degrees, and four doctoral degrees. The Magna Cum Laude and With High Honor designations are awarded to graduates with a GPA of 3.7 to less than 3.9, and the Cum Laude designation is awarded to graduates with a GPA of 3.5 to less than 3.7. A number of these graduates were also recognized as students with membership in the Center of Excellence in Computer Information Systems, Delta Mu Delta Honor Society, National Society of Leadership and Success, or Alpha Sigma Lambda Honor Society.

Dr. Cherie Noteboom from the College of BIS was the invited speaker at the Investiture ceremony. She is an associate professor in the information systems area, coordinator of the Ph.D. in Information Systems program, and co-director of the Center of Excellence in Computer Information Systems.

Academic Honors

In January, the Dakota State 2018 Fall Honors List was released. A total of 595 full-time and 202 part-time students qualified for the President's Academic Honors list for the 2018 fall semester at Dakota State University (DSU) in Madison, S.D. Students achieved a grade point average of 3.5 to 4.0 to qualify. For more information and the names of the students, visit https://dsu.edu/news/dakota-state-2018-fall-honors-list-released

RESEARCH SYMPOSIUM

Dakota State's Research Symposium Poster Session was held on March 27th to showcase the hard work of our students and faculty. A number of posters were displayed for review with researchers available to explain their projects and answer questions. Awards were given to selected student research posters.

Posters from College of BIS faculty included:

» Adolescent Girls' Influencers in Education and Activities
  Dr. Pam Rowland and Dr. Cherie Noteboom

» Comparative Study of Healthcare Administrative Employee's Comprehension and Use of Data Protection Applications on Cell Phones
  Julie Wulf Plimpton, Dr. Kyle Cronin, and Dr. Yong Wang

» HIT Project Communication Improvement
  Dr. Cherie Noteboom, Dr. David Bishop, and Andrew Behrens

» Multi-path Sequential Fine-tuning of Pre-trained Models for Medical Image Classification
  Dr. David Zeng, James Boit, Rajesh Godasu, Seema Bhandari

» The Impact of Minimum Leverage Ratio on South Dakota Community Banks
  Dr. Yenling Chang and Dr. Dan Talley

The graduate student posters presented by College of BIS masters or doctoral students and/or College of BIS faculty researchers included:

» **1st place award** – Smart Agriculture Beyond Industry: Analyzing the Future of Agriculture Through Social Media Insights
  Martinson Ofori with faculty researcher Dr. Omar El-Gayar

» **2nd place award** – Effectiveness of Transfer Learning on Medical Image Classification Using Chest-XRAY DataSet
  James Boit with faculty researcher Dr. David Zeng

» **3rd place award** – Understanding the Influence of Digital Divide and Socio-Economic Factors on the Prevalence of Diabetes
  Loknath Sai Ambati with faculty researchers Dr. Omar El-Gayar and Dr. Nevine Nawar.

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» A Social Media Analytics of Innovative Strategies for Opioid Crisis
  Tareq Nasralah with faculty researchers Dr. Yong Wang and Dr. Omar El-Gayar

» Accessing the Impact of IT Budgets on Hospital Performance: A Panel Data Analysis
  Giridhar Reddy Bojja with faculty researcher Dr. Jun Liu

» Employee Acceptance of Employee Control Over BYOD Devices
  Kevin Callies with faculty researcher Dr. Cherie Noteboom

» Factors Influencing Curriculum Adoption in 2- and 4-year Undergraduate Cybersecurity Programs
  Todd Wittaker with faculty researcher Dr. Cherie Noteboom

» Incorporating Sequential Feature Maps Feeding into Multiple Paths
  Rajesh Godasu with faculty researcher Dr. David Zeng

» Predicting Hospital Re-Admissions of Diabetic Patients – A Machine Learning Approach
  Giridhar Reddy Bojja with faculty researcher Dr. Omar El-Gayar

» The Fit of Data Visualization Design for Knowledge Activation
  Kari Sandouka with faculty researcher Dr. Cherie Noteboom

» Topical Mining of Malaria Using Social Media – A Text Mining Approach
  James Boit with faculty researcher Dr. Omar El-Gayar

» Usage of Technology Enabled Services in Healthcare
  Kaushik Muthusamy Ragothaman with faculty researcher Dr. Cherie Noteboom

The student posters presented by undergraduate students with College of BIS faculty researchers included:

» **1st place award** – What is the Relationship between the Interpretation of Data and the Medium of Presentation?
  Alexis VanderWilt with faculty researcher Dr. Cherie Noteboom

Undergraduate Program Coordinator Spotlights

Education Background and Years at DSU

Christopher Olson: Coordinator for Computer Information Systems

» PhD in Business Administration from Northcentral University, MS in Information Systems from DSU, and BS in Information Systems from DSU

» Has been teaching at DSU for 13 years

Daniel Talley: Coordinator for Business

» Received his PhD in Economics from the University of Oregon

» Has been teaching at DSU 23 years

Renae Spohn: Director of Health Information Management

» Currently a PhD Candidate in Health Sciences Program at USD, Graduate Certificate in Technology Management from Colorado Technical University, MBA in Healthcare Administration from City University in Bellevue, Washington, undergraduate degrees are AS in Management Information Systems, BS in Medical Record Administration, AS in Medical Record Technology, AS in Medical Record Transcription

» Has been teaching at DSU 7 years

The BIS Best

BBA Finance Top 50

https://study.com/resources/finance-schools

BBA Accounting Top 20

https://www.bestvalueschools.com/cheap/online/accounting-bachelors/

Master in Analytics Top 20

https://www.bestcollegereviews.org/top/online-masters-statistics/

Doctor of Science (PhD) in Information Systems No. 1

https://www.datasciencedegreeprograms.net/rankings/online-phd/

Online Masters in HIIM No. 1

https://www.gradschoolhub.com/affordable/online/masters/health-informatics/

BS in Health Information Administration Top 10

https://www.healthgrad.com/healthcare/best-priced-bachelor-him-programs/

MS in Information Systems Top 25

https://www.onlinemasters.com/best-degree-programs/database-management/

MS in Analytics No. 4

https://www.greatbusinessschools.org/top/masters-in-data-analytics-online/

MS in Analytics No. 1

https://www.datasciencedegreeprograms.net/rankings/online-masters-data-science-programs/

PROGRAM CURRICULUM

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DSU Catalog
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ACCREDIATION OR APPROVAL

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