THE COLLEGE OF BUSINESS AND INFORMATION SYSTEMS
NEWSLETTER

DAKOTA STATE UNIVERSITY

HELLO FROM THE COLLEGE OF BIS

A MESSAGE FROM THE DEAN

As we come to the end of the Fall 2019 semester, that also marks the beginning of a new year – 2020! Often that is also a time that people reflect on the past year and make plans for the new year, but Dakota State University began work earlier in 2019 on the process to establish a strategic foundation called DSU2025 in planning our longer-term future. On a related note, the College of BIS faculty and staff spent time during the Fall 2019 semester on our own process for strategic thinking within our unit. We developed and discussed a SWOT (Strength, Weakness, Opportunity, Threat) analysis to help us identify the College of BIS's strengths and weaknesses, as well as broader opportunities and threats to better understand and have a fuller awareness of the present situation. We reviewed our mission, values, and vision to ensure that they represent the College of BIS as we continue to work toward our future.

MISSION STATEMENT:

The College of Business and Information Systems prepares students to be lifelong learners and successful professionals in business, information systems, data analytics, and health information and informatics. We provide a high-quality, technology-infused education in a supportive learning environment that encompasses exemplary teaching, service to our communities, and a faculty committed to scholarship.

VALUES:

» High-quality, student-focused teaching and learning
» Diversity and inclusion
» Integrity and openness in our dealings with all stakeholders
» Technology-infused curriculum
» The process and outcomes of research and scholarship
» Continuous improvement and innovation

VISION:

The College of Business and Information Systems will be a transformational leader known for excellence in the education of professionals in business, information systems, data analytics, and health information and informatics through meaningful technology-infused programs, knowledge creation, student-centered experiences, and stakeholder engagement.

As Fall 2019 draws to a close, I am happy to share the articles and information in this newsletter that demonstrate just some of the activities and work of our enthusiastic and committed faculty, students and staff. As we begin Spring 2020, I am excited about the new year and I'm even more excited about the long-term future of the College of BIS!

We are rising!

Dr. Dorine Bennett
Dr. Dorine Bennett

STUDENT SUCCESSES

Morningside College Competition

The first annual Morningside College Business Networking and Case Competition was attended by DSU students Allen Stillson, Mingi Hong and Kevin Jenkins, along with faculty members Yenling Chang (pictured), Dan Talley, and Scott Morstad. This event, sponsored by Sterling Computers, was held on October 5, 2019 at the Morningside College campus in Sioux City, Iowa. Students participated in a business case competition related to issues in areas of Finance, Marketing, Accounting, and/or Management, and to enhance learning opportunities for students and overall appeal, the day included a keynote speaker, break-out sessions, a personal branding pitch competition, networking with other students and business professionals, a career fair, and a tour of the Sterling Computer Corporate Headquarters in North Sioux City, SD.

Online Students

Dakota State University has 1,704 students taking classes by Internet only, with an additional taking a combination of online and campus classes. The College of BIS has a number of students in our internet classes and all of our programs are available in both campus and online formats. We were happy to celebrate National Distance Learning Week November 4th - 8th, 2019 on our social media and recently an article about DSU's online opportunities was published at SiouxFalls.Business.

Blood Drive

Phi Beta Lambda Business Club (PBL) hosted its Halloween Blood Drive for the third year. The event was held on a holiday and the turnout was good—39 people donated blood. These donations can help save 117 people.

BOR Recognizes PBL

The South Dakota Board of Regents recognized Phi Beta Lambda (PBL) Business Club with their annual Award for Academic Excellence. PBL brings business and education interests together to create innovative leadership and career development programs. Members build skills in leadership, teamwork, networking, and project management. The club encourages participation in state and national PBL leadership conferences, where members participate in competitive events that put classroom lessons into practice.

STUDENT SUCCESSES

Speaker Hosted by PBL

Dakotah Johnson of Northwestern Mutual was invited by Phi Beta Lambda (PBL) Business Club to speak on time management skills. She also shared information about the internship and full-time job positions available at Northwestern

Entrepreneurs

Dr. Michael Roach is the faculty advisor for DSU's Collegiate Entrepreneurs Organization (CEO). This enthusiastic group of students attended the 2019 Innovation Expo in Sioux Falls, where one member, Riley Johnson, finished in third place in the Pitch Competition. They also invited entrepreneurial people to come to campus to talk to them, including Kory Van Sickle of the Kory and the Fireflies band, Steven Sershen of Val-Add Service Corporation, and Dr. Gary Archamboult, SBIR Coordinator for the South Dakota Small Business Development Center. CEO partnered with DSU's Trojan Zone Bookstore for the CEO Club Homecoming T-Shirt competition.

Fall Commencement

The 2019 Fall graduation ceremony was held on Saturday, December 14th. The College of BIS graduated 3 Master of Science in Analytics (MSA) students, 2 Master of Science in Health Informatics and Information Management (MSHIIM) students, and 10 Master of Science in Information Systems (MSIS) students.

In addition, undergraduates in the College of BIS completing their degrees included 28 baccalaureate students and 6 associate students. There were several baccalaureate students graduating with honors comprised of 1 with Summa Cum Laude (3.9 GPA or above) honors, 2 with Magna Cum Laude (3.7 to less than 3.9 GPA) honors, 2 with Cum Laude (3.5 to less than 3.7 GPA) honors, and 1 associate graduate with Highest Honor (3.9 GPA or above) distinction. From the College of BIS, there were 5 students receiving designation as graduates with Center of Excellence in Computer Information Systems honor and 3 students receiving designation as graduates of the Delta Mu Delta national honor society for students majoring in business administration. There were 4 graduating members of the National Society of Leadership and Success (Sigma Alpha Pi) from the College of BIS.

The College of BIS had three students complete the PhD in Information Systems degree. Arnold Nzailu's dissertation was titled "Information Security Awareness Programs in Congolese Organizations: Cultural Influence and Effective Use" and his dissertation chair was Dr. Insu Park. Michael Pritchard's dissertation was titled "Structured Sensemaking of Videographic Information within Dataphoric Space" and his dissertation chair was Dr. Cherie Noteboom. Todd Whittaker's dissertation was titled "Factors Influencing Curriculum Adoption in 2- and 4-year Undergraduate Cybersecurity Programs" and his dissertation chair was Dr. Cherie Noteboom. Congratulations to Dr. Nzailu, Dr. Pritchard and Dr. Whittaker!

Top Intern

Congratulations to our finance major Jake Hult for finishing as top intern across the United States at Northwestern Mutual!

STUDENT SUCCESSES

Leadership Conference

In November, DSU's Phi Beta Lambda (PBL) group traveled to Aberdeen for the SD Fall Leadership Conference. The group, which is dedicated to bringing business and education together through leadership and career development programs, enjoyed a day full of leadership training, competitions, and a tour of the Aberdeen Wings arena. As a campus that fosters leadership and innovation, DSU is looks forward to hosting next year's conference, as well as supporting the continued growth of PBL in South Dakota.

ALUMNI

Paulson Awarded

Congratulations to Matt Paulson, a 2009 graduate of the Master of Science in Information Systems (MSIS) program! He received one of Sioux Falls Young Professionals Network's inaugural 4 Under 40 Winners!

Day of Service

BIS faculty member, Julie Wulf Plimpton, participated in DSU's Day of Service by serving an evening meal at The Banquet West in Sioux Falls with other DSU staff and alumni.

Alum Honored

The DSU Alumni Association honored alumni for their achievements at the homecoming football back game. The College of BIS is proud of our alumni who were recognized for these Outstanding Alumni Awards: Professional Excellence – Roger Hettinger; Service to Alma Mater – Julie Wulf Plimpton; Outstanding Young Alumni – Mandi Atkins.

Norden Featured

Todd Norden was featured in an article for the American Health Information Management Association's online publication and spoke at the AHIMA convention in Atlanta on his experiences in finding and beginning his career in health information management. Todd is a 2017 graduate of the BS in health information administration program. To read his article, you can go to the Journal of AHIMA to read about it.

CLASSROOM

Mock Interviews

Students in Dr. Wendy Simmermon's Managerial Communications class participated in mock interviews to gain some real-world experience and skills. A huge thank you to all the interviewers for helping prepare our students!

Molstad Presents to AOF

Dr. Lynette Molstad Gorder presented to the Academy of Finance (AOF) Accounting I students on November 20 at the CTE Academy in Sioux Falls on the topic of Excel spreadsheet applications emphasizing loan amortization, investments, and payroll. She has served on the AOF Advisory Board for five years.

Tech Invited as Guest Lecturer in Austria

Dr. Deb Tech was a guest lecturer at Vorarlberg University of Applied Sciences (FH Vorarlberg) in Austria in December teaching a course called "Disruptive Technology and Marketing". The course examined the technologies of the Internet of Things (IoT), Artificial Intelligence, Augmented/Virtual Reality, and Blockchain, and focused on the impact of these disruptive technologies in macro environments and their effect on industry strategy. Technology adoption models and components of a marketing plan were used to frame the impact and adoption of the disruptive technologies within specific industries.

FACULTY

Papers Accepted at IACIS Conference

A number of papers from faculty and students were accepted for presentation at the 59th Annual Conference for the International Association for Computer Information Systems (IACIS) in Florida. The conference theme was "The Convergence of IS and EdTech for Enhancing Educational Processes and Supporting Organizations". The papers included: "Factors Influencing Curriculum Adoption in Undergraduate Cybersecurity Programs" (Todd Whittaker and Cherie Noteboom), "High School Students' Perceptions of Cybersecurity: An Explanatory Case Study" (Kodey S. Crandall, Cherie Noteboom, Omar El-Gayar, and Kalee Crandall), "Agile & Secure Software Development: An Unfinished Story" (David Bishop and Pam Rowland) and "Influencing the Future: Adolescent Girls' Perceptions of Cybersecurity Careers" (Pam Rowland and Cherie Noteboom).

Smith & Olson Honored for CQI

Dr. Kevin Smith and Dr. Chris Olson were presented with the 2018-2019 Doug Knowlton Excellence in Quality Award for their innovative work with the telepresence robot. This is an annual campus award for the best Continuous Quality Improvement (CQI) project. It is named after the former DSU president who was a leader in implementing the CQI program at Dakota State in 2010. CQI is a business management philosophy and a technique that perpetually evaluates processes in an organization to try to find ways to make them better.

El-Gayar Gives Commencement Address

Dr. Omar El-Gayar, professor of information systems, gave the commencement address at the 2019 Fall Master's Hooding ceremony. He spoke of principles, values, and traits that are foundational and timeless, with an emphasis on Passion, Lifelong Learning, and Impact. He summarized his comments by saying "Your passion and energy should drive your unwavering commitment to lifelong learning. Passion and lifelong learning are instrumental for the relentless pursuit of your goals and how you perceive you can make a long-lasting impact at home, at work, and in the community at large."

FACULTY

Spohn Attends the AHIMA19 Conference

Renae Spohn, director of the Health Information Management Programs in the College of BIS, attended the AHIMA19: Health Data and Information Conference in downtown Chicago. As the chair of the American Health Information Management Association's 2019 AHIMA Triumph Awards Committee, she worked with committee members over the year to select recipients for these prestigious awards celebrating the remarkable contributions of HIM professionals from around the globe. The awards were presented at the conference.

Noteboom Chairs for CLEAR Conference

Dr. Cherie Noteboom served on the planning committee and as academic poster chair for the CyberSecurity, Law, Education and Applied Research (CLEAR) conference in November. CLEAR is a partnership between Dakota State University, University of South Dakota School of Law and the Better Business Bureau.

HACK-A-THON

Dr. David Bishop coordinated a DSU/AT&T Hack-a-thon in conjunction with the CLEAR conference, with a theme of helping first responders stay safe. The winners of the competition are right to left: Alexis Vanderwilt, Mitchell Sandberg and Storm Mattern. (Pictured above)

Adaptive Gaming Controllers

Dr. Chris Olson, associate professor of information systems and coordinator of the undergraduate computer information systems program, worked with Dr. Justin Blessinger and Rob Honomichl on the development of features for adaptive gaming controllers. Using a Microsoft Xbox adaptive controller designed specifically for those with disabilities to help make user input for video games more accessible, and with the help of a 3D printer on campus and hardware from Honomichl's courses, Blessinger and Olson were able to gather devices, switches and controls to customize and create additional adaptable controllers that are unique to the players. For more information, visit Sioux Falls Business.

Wulf Plimpton has Article Published

Congratulations to College of BIS's faculty member, Julie Wulf Plimpton for her article published in the November-December 2019 Journal of the American Health Information Management Association (AHIMA) titled "Comparative Study of HIM Professionals' Comprehension and Use of Data Protection on Mobile Devices" By Julie M. Wulf Plimpton, MSHI, RHIA, CPHI. The article summarized the results of a study to look at the level of security that HIM professionals have on their smartphones, especially if they accessed personal (health) information. She utilized a survey that included questions related to age, gender, job title, and personal information use on smartphones.

FACULTY

Researchers Featured on SD Public Broadcasting

Dakota State College of BIS researchers Martinson Ofori and Dr. Omar El-Gayar were featured for their work on #SmartAg projects during the October 2019 edition of "South Dakota Focus" on South Dakota Public Broadcasting. The episode investigated technology's role in the future of farming. The show will be archived on the SDBP website.

Tech Speaks on SD Public Broadcasting

Dr. Deb Tech spoke on South Dakota Public Broadcasting's "In the Moment" about ways technology can impact agriculture producers, businesses, and consumers. She addressed the use of blockchain technology in relation to country of origin labeling and food prices. The session is available at SDPB website.

Liu Participates in NSF RII

Dr. Jun Liu of the College of BIS is participating in a National Science Foundation (NSF) five-year $20 million Research Infrastructure Improvement (RII) Track-1 grant to the South Dakota Established Program to Stimulate Competitive Research (SD EPSCoR) and the South Dakota Board of Regents. He will be working with others from DSU as well as participants from the other state universities, three tribal colleges, two private universities and the Governor's Office of Economic Development on a project titled "Beyond the 2020 Vision: Building Research, Education and Innovation Partnerships for South Dakota" that will focus on developing a 2D Biofilm Science and Engineering Center. The grant gives DSU the opportunity to open a position for a postdoctoral candidate to study the data; this person will work under the supervision of Dr. Liu, who is associate professor of Information Systems and coordinator for the Master of Science in Analytics program. For more information, visit the DSU website.

Talley Presents at IABPAD

Dr. Dan Talley presented his paper titled "An Examination of the Federal Defined-Benefit Retirement Program and the Future Impact on the National Debt" at the International Academy of Business and Public Administration (IABPAD) Conference in Las Vegas, NV in October.

Girtz's Publication

Dr. Rob Girtz is a co-author on a manuscript accepted for publication in the Atlantic Economic Journal titled "The Mediation Effect of Self-Esteem on Weight and Earnings."

El-Gayar Keynote at Nursing Conference

Dr. Omar El-Gayar was the keynote speaker at the 2019 Sanford Nursing Research & Evidence-Based Practice Conference "Cyberspace: The Next Nursing Frontier."

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Magellan Exchange Annual Conference

Nicole Claussen, Director of International Programs, and Deb Tech, Associate Professor of Marketing, attended a conference in Spain for the Magellan Exchange program, a non-profit consortium of universities worldwide. The program provides DSU students an opportunity to study in another country at an affordable cost - an ideal way to learn about other countries and become at ease in other cultures. The Magellan Program also affords faculty the opportunity to guest lecture overseas.

While in Spain they also visited the Universidad Francisco De Vitoria (UFV) in Madrid. DSU and UFV have recently signed an exchange agreement for students. They offer many courses in Business and Game Design, which can be taken in English. For more information on any international exchange opportunities, contact Nicole or Deb.

Noteboom's Publication

Congratulations to the College of BIS's Dr. Cherie Noteboom on the publication of a book chapter she co-authored! The book is titled, *Delivering Superior Health and Wellness Management with IoT and Analytics*, and the chapter is titled "Toward Actionable Knowledge: A Systematic Analysis of Mobile Patient Portal Use". Her co-author was DSU alumnus Dr. Mohammad Abdel-Rahman (Al-Ramahi).

Boit Presents at ISERD

James Boit, a doctoral student in the College of BIS, presented a paper that he co-authored with Dr. David Zeng at the International Society for Engineering Research and Development (ISERD) Conference in New York in October. The paper was titled "DiNET - A New Approach of Mitigating Vanishing Gradients with A Dense-Inception Network."

Zeng Travels to Provo

Dr. David Zeng traveled to Provo, Utah to attend a workshop on National Institutes of Health (NIH) National Institute of General Medical Sciences (NIGMS) Division of Training, Workforce Development & Diversity (TWD) funding. Funding opportunities for community colleges, and bachelor's, master's and Ph.D. degree awarding institutions were discussed along with information on the grants process, tips for writing proposals, the peer review process, and more.

FACULTY

Morstad Attends Conference in NY

In October, Scott Morstad, a College of BIS faculty member teaching accounting and business law classes, attended a conference in New York City to offer him the opportunity to achieve a COSO Internal Control Certificate. The Committee of Sponsoring Organizations of the Treadway Commission (COSO) is a joint initiative of five private sector organizations, including the American Accounting Association, the American Institute of Certified Professional Accountants, the Financial Executives International, the Association of Accountants and Financial Professionals in Business, and the Institute of Internal Auditors. COSO is dedicated to providing thought leadership through the development of frameworks and guidance on enterprise risk management, internal control and fraud deterrence.

LONGEVITY

SEPTEMBER
Michael Roach – 17 years
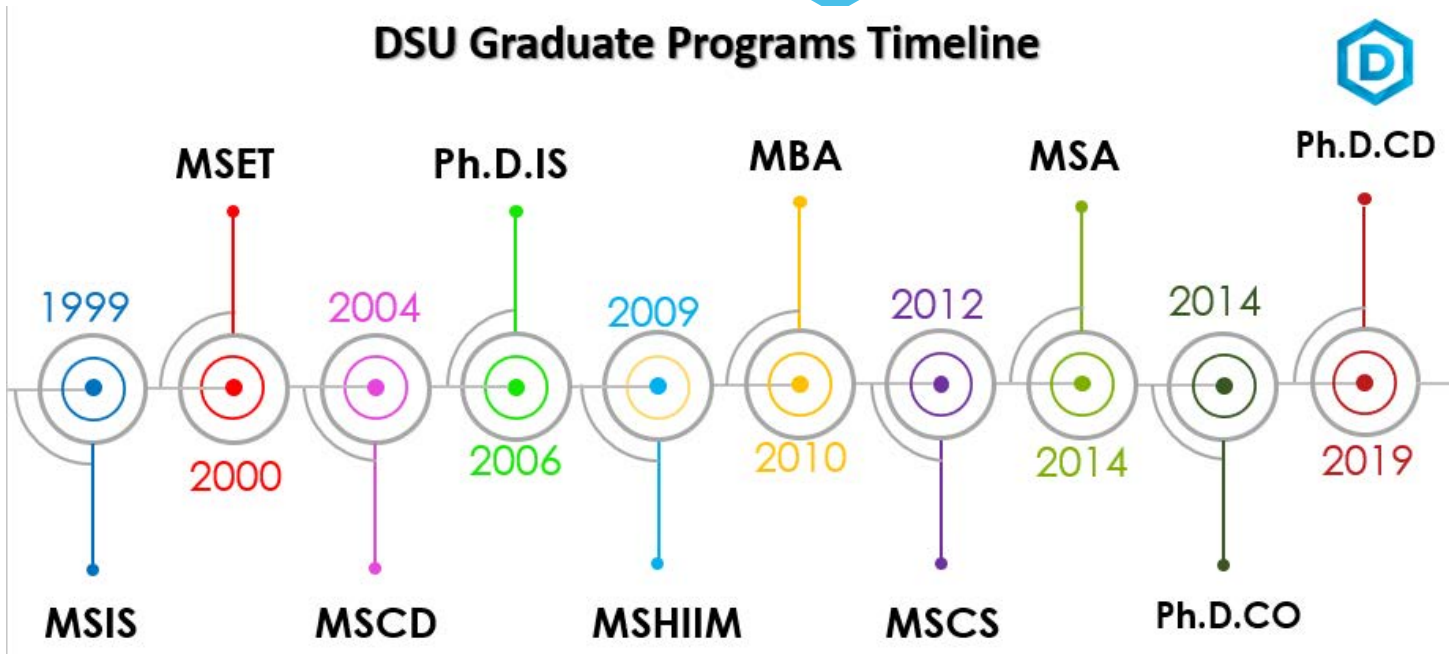
OCTOBER
Brenda Warren – 4 years

NOVEMBER
Wendy Jansen Simmermon – 2 years
Scott Morstad – 5 years

DECEMBER
Andrew Behrens – 3 years

PROGRAMS

DSU Graduate Programs Timeline

20 YEARS!

Dakota State University is celebrating 20 years of graduate programs in 2019! Programs now offered in the College of BIS include Master of Science in Information Systems (MSIS – 1999), Doctor of Philosophy in Information Systems (PhD in IS – 2006), Master of Science in Health Informatics and Information Management (MSHIIM – 2009), Master of Business Administration (MBA – 2010) and Master of Science in Analytics (MSA – 2014). For more information visit the DSU website.

HIM Accreditation

Dakota State University's health information management programs participated in submission of a self-study report and site visit by a team of peer-reviewers in the reaccreditation process for the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) of the undergraduate programs. Programmatic academic accreditation provides an independent, objective evaluation of a program's education quality and workforce preparation. Both the associate degree in health information technology (AS in HIT) and the baccalaureate degree in health information administration (BS in HIA) were certified as meeting the educational standards for a health information management program and were awarded continuing accreditation. The Master of Science in Health Informatics and Information Management (MSHIIM) program received candidacy status with CAHIIM for accreditation.

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Program Fair

College of BIS faculty hosted a "Program Fair" in the Trojan Center in October. Th ey had several informational literature pieces about the College and our programs available for those who stopped by to see them. This gave current students and others an opportunity to visit with faculty to learn more about the programs in BIS and to register for some BIS swag.

MadLabs Grand Opening Celebration

In October, DSU celebrated the grand opening of the Madison Cyber Labs building. Dr. Dan Talley, director of the Center for Business Analytics Research (C-Bar) was there to talk to the many attendees, including Dr. Michael Roach. (Both are College of BIS faculty members.) C-Bar is a research and analytics platform to help businesses, organizations, education entities, and government agencies apply advanced analytics to address their organization needs.

Featured in SF.Biz

The baccalaureate degree in computer information systems was featured in an article for SiouxFalls. Business in which the specializations of application development, business analytics, and project management were highlighted. Read the article on the Sioux Falls Business website here.

Keloland Job Fair

Faculty and students participated in recruitment efforts at the Keloland Job Fair and the USD Graduate Fair. At both events, they spoke to interested attendees about the programs available at DSU and shared informational

National Health IT Week

The College of BIS recognized National Health IT Week this Fall. DSU is an academic organizational affiliate of Health Information and Management Systems Society (HIMSS). HIMSS founded National Health IT Week in 2006 with the Institute for e-Policy. As an approved HIMSS education partner – DSU meets HIMSS's standards for effective health information and technology and healthcare education. Check out our Master of Science in Health Informatics and Information Management website.

U.S. NATIONAL
HEALTH ✛IT WEEK
Supporting Healthy Communities
September 23–27, 2019

Holiday Decorating

Congratulations to the staff and students in the College of BIS office for their terrific job in decorating for the 2019 Trojan Pride Holiday Decorating Contest! Their hard work with a theme of "snowflakes" resulted in earning the 3rd place award!

COLLEGE OF BUSINESS & INFORMATION SYSTEMS

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ACCREDITATION 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.