



# College of Business and Information Systems

Fall 2017  
Newsletter

## Dakota State University on Why Data Analytics Is Key to the Future

Dakota State University's Master of Science in Analytics was recently ranked by College Choice as one of 2017's 50 Best Online Big Data Programs!

*EdTech* spoke with Dorine Bennett and Jun Liu to learn what makes the program unique, how technology is helping them reach more students, and what skills data scientists need to thrive in today's world of data overload.

Go to <https://edtechmagazine.com/higher/article/2017/09/qa-dakota-state-university-why-data-analytics-key-future> to read the article by Wendy McMahon.

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

## College of BIS Doctoral Graduate Students Honored at Fall Commencement Ceremony

Dakota State University's Fall Commencement Ceremony was held on Saturday, December 9 and two students from the College of BIS received the Doctor of Science in Information Systems (DScIS) degree.

Swayambhu Chatterjee completed his dissertation, titled "Improving Opinion Mining By Classifying Facts And Opinions In Twitter Using Deep Learning." Dr. Jun Liu was the chair of his dissertation committee.

Samuel Hume completed his dissertation, titled "Enhancing Traceability in Clinical Research Data Through an Information Product Framework." The co-chairs of his dissertation committee were Dr. Dorine Bennett and Dr. Cherie Noteboom.

Congratulations to Dr. Chatterjee and Dr. Hume!



[www.acbsp.org](http://www.acbsp.org)



[www.cahiim.org](http://www.cahiim.org)



[www.himss.org](http://www.himss.org)



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# FACULTY START FALL SEMESTER

East Hall is “home” for all the full-time faculty and staff for the College of BIS this fall. Administrative offices are on the first floor, with offices for the information systems, health information management, and business teachers located on all four floors of the building.



Business



Information Systems



Health Information Management

## Business: (left-right)

*Daniel Talley, Yen-Ling Chang, Michael Roach, Deb Tech, Derek Franken, Scott Morstad, Zixing Shen, Robert Girtz, and Jack Walters*

## Information Systems: (left-right)

*David Bishop, David Zeng, Jun Liu, Insu Park, Ronghua Shan, Jim McKeown, Cherie Noteboom, Chris Olson, and Omar El-Gayar*

## Health Information Management: (left-right)

*Linda Parks, Renae Spohn, and Julie Wulf Plimpton*

During the fall semester, a number of adjunct faculty shared their expertise in teaching College of BIS courses to meet the needs of our students as well. We certainly appreciate their contributions on campus in Madison, online using Desire2Learn (D2L), and at the University Center in Sioux Falls.



Brookes Noem



Deb Roach



Mike Waldner



Sheila Hargens



Tara Johnson



Wendy Jansen Simmermon



Randy Harkless



Ahmed El Noshokaty

## FACULTY NEWS

*Dr. Deb Tech was recently selected as the Chair-Elect for the Region 5 Midwestern Council of the Accreditation Council for Business Schools and Programs (ACBSP).*

*The Midwestern Council of Business Schools and Programs is a regional division of ACBSP covering the following U.S. states and Canadian provinces: Iowa, Kansas, Missouri, Nebraska, North Dakota, South Dakota and Manitoba.*



# WELCOME NEW FACULTY

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## ROB GIRTZ

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Rob is originally from Little Falls, Minn. He went to St. Cloud State University for his undergraduate degree (B.S in applied statistics) and Middle Tennessee State University for graduate school (M.A. and Ph.D. in economics). Rob and his wife Renee have a one-year-old daughter Natalie and a cat named Benson.

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## SCOTT MORSTAD

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Scott has 30 years of experience in the accounting and finance industry. Most of his finance and accounting career has been in the healthcare industry working for a large non-profit healthcare delivery system. He has held several key leadership positions such as a controller, director of accounting, vice president of finance, and chief financial officer. Scott received his undergraduate degree from Augustana College in Sioux Falls, a law degree from the University of South Dakota, and is currently in the process of completing his Master's in Business Administration degree. Scott is originally from Carthage, S.D. He has a wife, one son and a Labrador retriever he likes to take hunting. Scott and his wife will also be celebrating their 30<sup>th</sup> wedding anniversary this year!

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## MICHAEL ROACH

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Mike is originally from Yankton, South Dakota. He attended the University of South Dakota for two years before transferring to Yankton College, where he played baseball and studied economics. After transferring back to USD he completed his bachelor's degree in business administration and started work at Citibank right out of college. While at Citi Michael completed his MBA from the University of Sioux Falls and his doctorate through Capella University, where he could work, raise his family, and attain his educational goals at the same time. In 2001 Dakota State University was looking for an adjunct instructor to teach macroeconomics. He enjoyed the experience so much he was offered one of the first full-time faculty position at the University Center in Sioux Falls (at the time known as USDSU) where he stayed for the next 13 years. With his two children off to college he jumped at the chance to move on campus when a full time management faculty position opened at DSU. Michael and his wife are now in the process of moving to the Madison area and are anxious to take in all the experiences offered in the university environment.

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## DAVID ZENG

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David graduated from University of California, Irvine in 2011 with an emphasis in information systems. In the past six years, he has taught in China and South Korea. David has visited more than 15 countries and jointly led a student expedition to Antarctica in 2013. David and his wife have two sons and a dog named Frankie. He enjoys camping, hiking, and music.

## Congratulations! College of BIS 2017 Fall Honors List

Benjamin Aasheim	Karla Jonas
Laurie Abbuhl	Marissa Jongeling
Lyndsey	Christine Kessler
Baumberger	Katherine Khali
Jordan Beers	Jared Khuin
Erica Behrens	Million Kosgei
Samantha Bennett	Tricia Krueger
Jacob Bentson	Marwat Lawal
John Berryhill	Danielle Lemme
Shannon Bezonja	Hannah Lightfield
Alison Bodewitz	Ashley List
Kylie Bornemann	Melissa Lock
Andrew Boschee	Adam Martin
Selwyn Brathwaite	Colin Miles
Ryan Broome	Amerudin
Matthew Brue	Mohammed
Ashley Brusseau	Brittney Moore
Heather Bryant	Cassandra Morgan
Megan Burbach	Rebecca Morris
Albert Chosky	Shona Morris
Generosa Chosky	Brooke Murray
Jacia Christiansen	Trevor Nelson
Chelsey	Elizabeth Olson
Christiansen	Sara Omann
Isaac Citrowske	Damir Omercajic
Michael Cleveland	Austin Opdahl
Jacqueline Cose	Jason Parry
Luann Cowles	Kara Paulson
Jeremy Davis	Aaron Petersen
Carrie Decker	Shayla Pothast
Becky DeSautel	Donita Potter
Andrea Diedrich	Johnathan Randall
Angelique Disbrow	Megan Rau
Kristen Dowling	David Riehle
Matthew Dunn	Nicole Robeck
Marlisa Dwyer	Megan Robinson
Gregory Engbrecht	Brandy
Amy Enger	Ruedebusch
Lorilee Erion	David Schindler
Lacey Eystad	Brandon Schmit
Shauna Fogle	Ashley Schock
Jessica Foster	Kyle Scofield
Briana Grage	Virgil Somsawat
Tavyn Hallan	Ian Sternhagen
Justin Harry	Mark Streff
Nathan Hedberg	Kristin Tassler
Leah Hofer	John Trout
Bobbi Huber	Lindsey Vogl
Kermit Huddleston	Madison Walford
Jacob Hult	Roger Wallace
Massoud	Kendra Walter
Jahandideh	Nichole Waters
Trisha Jarvi	David Weidler
Michael Jauron	Shannon Wright
Michelle Johnson	

## NATIONAL SOCIETY OF LEADERSHIP AND SUCCESS

Three College of BIS students were inducted into DSU's National Society of Leadership and Success (NSLS) chapter. NSLS is one of the nation's largest leadership honor societies. Each semester, 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. Membership is for a lifetime, and provides access to benefits including scholarships and awards, exclusive on-campus events, employer recruitment through an online job bank, discounts on computers, textbooks, graduate school preparatory courses, insurance and more.

The College of BIS inductees and their majors are: Shannon Meyer, business administration management major from Wilmot, S.D.; Erin Newbury, computer information systems major from Ottawa, Illinois; and Lindsey Vogl, professional accountancy and finance major from Webster, S.D.

## COLLEGIATE ENTREPRENEUR ORGANIZATION

Congratulations to Jarod Keene, winner of the Collegiate Entrepreneur Organization (CEO) Crypto Currency Competition in the fall of 2017. Jarod received a \$100 prize at the group's fall dinner held in December at their headquarters in the Heartland Technology Center.

CEO started in 2017 as a technological entrepreneurship student organization, and is open to students of all majors at DSU.



Jarod Keene and Christian Ries

## SOUTH DAKOTA SHOWCASE



On October 18, Scott Morstad and students from the College of BIS attended the South Dakota Showcase in Sioux Falls. The event was hosted by the South Dakota CPA Society and provided an opportunity for college students to explore the amazing companies and business careers available in South Dakota. Time was provided for the attendees to meet CPAs and recent graduates in various areas of employment and learn about the CPA profession, including group question and answer sessions.

## FINANCE, INVESTMENT & REAL ESTATE

The Finance, Investment & Real Estate (FIRE) Club was invited to do a presentation on "Time Value of Money" to the GS100 (University Experience) students this fall as part of the curriculum on student loans and financial aid. FIRE club president, Kyle Scofield, along with two other members, Cody Fergeson and Nick Alholinna, were presenting to the group.

FIRE club is a newer student club at Dakota State University. The purpose of the club is to expand students' intelligence in the areas of finance, investments, economics and real estate; as well as to provide a positive environment for learning and networking.

## PHI BETA LAMBDA

Three student organizations at Dakota State University were honored by the S.D. Board of Regents. Awards were presented in the areas of academic excellence, community service and organizational leadership. DSU student groups receiving awards were: Phi Beta Lambda (PBL) Business Club, The Alliance, and the Computer Club.

Award for Academic Excellence – The Phi Beta Lambda (PBL) Business Club supports leadership and career development programs in business and education. The club focuses on team building, networking, project management, business organization, and academic integrity skills. Members gain advanced business skills while developing a professional resume and the opportunity to network with business leaders near and far. They also benefit from opportunities to travel to leadership conferences and competitive events.



*Executive Director Mike Rush, Cassandra Morgan, Lindsey Vogl, Board President Bob Sutton, and DSU President José-Marie Griffiths*

## DELTA MU DELTA

Dereck DeVries and Shannon Meyer are new members of Dakota State University’s Delta Mu Delta (DMD) chapter Gamma Xi.



*Dereck DeVries, Amanda Eulberg, Kyle Scofeild, Ben Aasheim (via Skype), Shanna Meyer, Dr. Deb Tech, and Cassandra Morgan*

An international business honor society, Delta Mu Delta promotes higher scholastic training for business, and recognizes and rewards scholastic attainment in business subjects. Gamma Xi chapter has been an on-campus group at DSU since 1979 and has 540 members.

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 degree.

The two DSU students were inducted at a fall meeting held on November 13. DeVries is an accounting major from Lennox, S.D. Meyer is a business management major from Wilmot, S.D. She was also elected as the group’s treasurer.

## HEALTH INFORMATION MANAGEMENT

Shauna Fogle and Julie Yang helped to organize an amazing blood drive this fall semester on the DSU campus. They recruited volunteers for 34 life-saving donations which helped 102 patients and their families. Thank you to everyone who donated! We have had 44 blood drives at DSU since 1995, making our grand total of 1,785 pints donated!



*Shauna Fogle and Julie Yang*

### FALL FACTS

12

Deb Tech coordinated 12 student internships.

10

Julie Wulf Plimpton placed 10 students in a Supervised Professional Practice.

39

College of BIS had 39 graduates!

563

BIS had a 30 student increase since Fall of 2016. Our Fall 2017 enrollment is 563!

# FACULTY SCHOLARSHIP ACTIVITIES

The DSU Faculty Research Initiative (FRI) is intended to encourage and facilitate faculty scholarship/research/creative activity. FRI proposals are reviewed through a competitive process by the University Research Committee and successful proposals receive funding through the Office of Academic Affairs. The intent of this competitive program is to foster and reward scholarly activities among DSU faculty.

Recipients of the FRI awards from the College of BIS and their research topics are:

- Cherie Noteboom “*What are the Gaps in Mobile Patient Portal? Mining Users’ Feedback Using Topic Modeling*”
- Zixing Shen “*Challenges in Learning Unified Modeling Language (UML)*”
- David Zeng “*Deep Learning for Pretest Probability of Coronary Artery Disease*”

They will present their work at DSU’s annual Research Symposium on March 21, 2018.

Dr. Omar El-Gayar’s proposal for research through the Sanford Data Collaborative was approved. The purpose of the Sanford Data Collaborative is to place multidisciplinary teams of researchers at the forefront of healthcare innovation. Successful applicants will have access to timely healthcare data and an opportunity to inform, innovate, and ultimately drive the way healthcare is provided.

The topic of Dr. El-Gayar’s research project is “The Impact of MyChart as a Self-Management Tool on Treatment Adherence and Patient Outcomes.”

Dr. Dan Talley traveled to Las Vegas, Nevada in October for the International Association of Business and Public Administration Disciplines (IABPAD) conference. His paper, a theoretical article in macroeconomics titled “Technical and Allocative Efficiency: Reconciling Slow Real GDP Growth and Low Unemployment in the United States” was selected for presentation.

The IABPAD is an academy for scholars involved in the practice and study of business and public administration disciplines worldwide. The IABPAD was founded for the purpose of promoting academic research in the field of business and public administration and motivating the intellectual development of scholars.

Dr. Insu Park presented at the 2017 International Conference on Information Systems (ICIS) in Seoul, South Korea in December. ICIS is a prestigious gathering of information systems academics and research-oriented practitioners from around the world. The theme of ICIS 2017 was transforming society with digital innovations. Dr. Park’s manuscript was titled “Employee Privacy Concerns, Procedural Justice, and IS Satisfaction under non-Volitional Surveillance: A Comparative Study between Korea and the United States.”

Faculty News —  
American Health  
Information  
Management Association  
(AHIMA)

*Linda Parks was selected to be a Professional Certificate Approval Program (PCAP) reviewer for AHIMA. As a PCAP reviewer, Linda will provide thorough review of program applications and communicate findings to the PCAP Council to ensure program quality and objective assessment of certificate programs applying for approval under the PCAP.*

*Julie Wulf Plimpton was appointed to AHIMA’s Health Informatics Practice Council. The practice council is a volunteer group of subject matter experts whose role is to advise AHIMA on specific topics related to health informatics.*

*Rena Spohn continued her 2-year term on AHIMA’s Triumph Committee. The committee members review nominations to select the honorees for AHIMA’s Triumph Awards. These awards honor those professionals responsible for advancing the field of health information management (HIM) by demonstrating extraordinary leadership, volunteerism and talent. The awards are presented annually at the AHIMA Convention & Exhibit.*

# ADVISORY BOARDS ADD VALUE

The College of BIS utilizes advisory boards for their programs. These groups consist of employers, industry leaders, alumni and other stakeholders. They meet regularly to provide input and feedback to help ensure the relevance and quality of our academic programs, including discussion about curriculum.

On October 3, the Information Systems Advisory Board met on campus prior to the Fall DSU Career Fair. This allowed employers from the area to attend both events to maximize their time and contributions to DSU.

On November 7, both the HIM Program Advisory Committee and the MSHIIM Advisory Committee met at the University Center in Sioux Falls.

On November 8, the Business Advisory Board met on the campus.

Advisory board members represent a large range of organizations, including healthcare, financial institutions, media, insurance, information technology, government, and software vendors.

## DEAN SPEAKS TO GRADUATES



Dr. Dorine Bennett, dean of the College of Business and Information Systems, was invited to speak at the hooding investiture ceremony for the master's graduates as part of the DSU Commencement events on Saturday, December 9.

After congratulating the students on their hard work and success in earning good grades, she reminded them of the importance of some "F's" in their lives. They were encouraged to value their

family and friends, to have faith in themselves and their skills and abilities, and to learn from their failures. Dr. Bennett concluded her remarks by asking them to be a better person each day than the person they were the day before.

The College of BIS had 19 graduates earning their master's degree in the fall of 2017 from these programs: master of science in analytics, master of science in health informatics and information management, and master of science in information systems with specializations in application development, data management, health information systems, and network administration and security.

### Who's Who??

- ◆ Dean of College of BIS — Dr. Dorine Bennett, East Hall 101, 605-256-5165
- ◆ Director of HIM and MSHIIM programs — Ms. Renae Spohn, East Hall 101, 605-256-5359
- ◆ Coordinator of MSA — Dr. Jun Liu, East Hall 301, 605-256-5172
- ◆ Coordinator of DSciS — Dr. Cherie Noteboom, East Hall 307, 605-256-5257
- ◆ Coordinator of MSIS — Dr. Ronghua Shan, East Hall 310, 605-256-5801
- ◆ Coordinator of undergraduate CIS programs — Dr. Chris Olson, East Hall 104, 605-256-5688
- ◆ Coordinator of MBA — Dr. Jack Walters, East Hall 204, 605-256-5162
- ◆ Coordinator of undergraduate business programs — Dr. Dan Talley, East Hall 306, 605-256-5314
- ◆ Co-Coordinator of Center of Excellence in Computer Information Systems — Dr. Cherie Noteboom, East Hall 307, 605-256-5257
- ◆ Internship Coordinator — Dr. Deb Tech, East Hall 207, 605-256-5173
- ◆ Coordinator of HIM supervised professional practices — Ms. Julie Wulf Plimpton, East Hall 002, 605-256-7342
- ◆ ACBSP Champion — Dr. Deb Tech, East Hall 207, 605-256-5173

*Please don't hesitate to contact these people or visit the College of BIS website at <http://dsu.edu/academics/colleges/college-of-business-and-information-systems> if you have questions or would like more information.*

# SPREADING THE WORD ABOUT THE COLLEGE OF BIS

## PARADES



During the fall semester, the director and faculty for the health information management programs participated in several homecoming parades for area high schools, including Alcester-Hudson, Parker, Huron, and McCook Central/Montrose, as well as having an entry in the DSU Homecoming parade. Because of this increased public awareness, they received invitations to speak to classes at some of the high schools.

## PROFESSIONAL AND ACADEMIC GROUPS

Faculty from the HIM Programs also shared information at a number of professional conferences within South Dakota and elsewhere. They had a poster and brochures for the vendor fairs at the S.D. Medical Group Management Association fall conference in Oacoma, S.D. and the S.D. Health Link 2017 Fall Forum in Sioux Falls, S.D, and they traveled to Indianapolis, Ind. to participate in the HIMSS Midwest Fall Technology Conference vendor fair.

In September, Dr. Ronghua Shan, coordinator for the Master of Science in Information Systems (MSIS), represented DSU's graduate programs at the University of South Dakota Graduate School Fair. The College of BIS offers a doctor of science degree in information systems (DScIS), and masters degrees in analytics (MSA), business administration (MBA), health informatics and information management (MSHIIM), and information systems (MSIS).



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## ON CAMPUS

The College of BIS hosted a Program Preview Day on campus in October to highlight the business and information systems programs that we offer. Students visiting that day had the opportunity for hands-on experiences with many of the career skills they can develop in the DSU courses. They also learned about the unique programs available, such as the Center of Excellence in Information Systems and the 4+1 programs linking undergraduate and graduate courses.

Faculty also met with prospective students and families at Discover DSU Days in October, November, and December.

## TRAVELING

Several of the College of BIS faculty members volunteered for DSU's Visiting Scholars program, welcoming invitations to speak at schools, organizations, or classes on topics related to their areas of interest and expertise. Please contact the College of BIS if you are interested in having a visiting scholar at your location.