

OM&IS News

cob.niu.edu/omis OM&IS focuses on running business better by improving processes and using technology.

Business Analytics in the Curriculum

In Fall 2016, the Department of OM&IS will offer a minor in business analytics for undergraduate students. This minor will pre-

pare students to solve complex decision problems with a combination of quantitative skills, modeling techniques, and hands-on expertise using current software applications for data driven decision making. Core courses in the minor are: OMIS 324–Introduction to Business Data Analytic Tools, OMIS 327–Decision Analysis, OMIS 452–Database Management for Business, OMIS 472–Introduction to Business Intelligence, and OMIS 482–Predictive Business Analytics.

At the graduate level, the department plans to include a new business analytics spe-

cialization in the MIS program. The specialization consists of the following courses: OMIS 665–Big Data Analytics for Business, OMIS 670–Social Media Analytics for Business, and OMIS 694–Advanced Topics in Information Systems: Seminar of Research Methodologies and Applications in Business Analytics. Students with these skills are in high demand in a variety of industries. This specialization provides a solid technical foundation in data analysis and model-driven management decision making and will prepare MIS students for successful careers in this growing field.



Outstanding Faculty Research

Dr. Kathleen L. McFadden has been very productive in her academic research. She and her co-authors Mahour Mellat-Parast, Davood Golmohammadi, and Jason Miller wrote a manuscript entitled “Linking Business Strategy to Service Failures and Financial Performance: Empirical Evidence from the

US Domestic Airline Industry.” This paper was published in September 2015 in one of the top ranked journals, *Journal of Operations Management*. Additionally, Dr. McFadden and co-authors David Dobrzykowski and Mark Vonderembse won a best paper award at the 2015

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Dr. Kathleen L. McFadden

Department Highlights

The **Master of Science in Management Information Systems** program was ranked in the top Category 1–Candidate for Enhancement, according to the NIU Program Prioritization Academic Task Force Report released in May 2016.

The **Bachelor of Science in Operations and Information Management** program was ranked in the top Category 1–Candidate for Enhancement, according to the NIU Program Prioritization Academic Task Force Report.



An IT Leadership for Women workshop was offered by **Dean Denise Schoenbachler** in March 2016. The workshop focused on empowering women in the technology field, and **Lorraine and Chris Millington** awarded the Dr. Denise Schoenbachler Leadership Award in MIS/SAP Integration for the workshop students. (Chris Millington and Dr. Schoenbachler are pictured above.)

33 out of 41 students from **Professor Chuck Downing’s** Big Data Analytics for Business class passed the May 2016 EMC Academic Associate Data Science and Big Data Analytics Certification Exam, which resulted in a solid 80% pass rate.

OM&IS student **Sarah Stickney** was among the recipients of the 2016 NIU Outstanding Women Awards.

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NORTHERN ILLINOIS UNIVERSITY

College of Business

Where the Classroom Meets the Business World



53 students took the **SAP TERP10 Certification Exam** and 47 passed the test, which resulted in an impressive 89% pass rate for the second SAP TERP10 workshop offered by the OM&IS Department in May 2016. **Professor Andy Setterstrom** (pictured above, far left) served as the workshop instructor.



Dr. Chang Liu was invited to present at the Beijing Technology and Business University as an outstanding alumnus on March 23, 2016.

Master of Science in Management Information Systems (MIS) Informational Sessions

Monday, November 7th and Tuesday, November 8th from 4:30 p.m. to 5:00 p.m.
Barsema Hall 340.

Fall 2016 OM&IS Open House

Wednesday, October 12th from 11:30 a.m. to 1:30 p.m. Barsema Hall 328.

Highlights

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Dr. Kathleen L. McFadden taught a week-long operations management class at Bordeaux University in France in March 2016.

Dr. Kathleen L. McFadden also traveled to ENAE University in Murcia, Spain in February 2016 to continue work on a research project with ENAE faculty.

After 24 years of outstanding service at NIU, **Dr. Nancy Russo**, Professor of MIS, retired from OM&IS in December 2015.

Research

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Decision Sciences Institute (DSI) conference. Their paper—"Testing the moderation effects of governance mechanisms on strategy, structure/processes and performance in hospitals"—was selected as the winner of the 2015 DSI Best Lean Enterprise Paper Award.

At the same conference, Dr. McFadden and co-author Greg Stock received the 2015 DSI Best Application Paper Award for their paper entitled, "Empirical Analysis of Patient Safety Culture and Hospital Performance Using the AHRQ Survey on Patient Safety Culture."

Faculty recognized for excellence at award banquet



Graduate Faculty Teaching Award—Dr. Akshay Bhagwatwar



Outstanding Faculty Service Award—Dr. Andrew Setterstrom



Excellence in Undergraduate Instruction Award—Brian Bender



Outstanding Faculty Research Award—Dr. Kathleen McFadden



Undergraduate Faculty Teaching Award—Dr. Chuck Downing

Scholarship and Award Winners

The Department of OM&IS awarded a total of \$101,640 scholarships on April 29, 2016 during the OM&IS Spring Banquet. The generous scholarship sponsors and recipients are:

Dave Ficken Family Scholarship—Joseph Zavala
Deutsch Family Scholarship—Jacquelyn Schueler, Vanessa McAnly, Stephanie Sanchez, and Karissa Brazdys
DreamsWorks Scholarship—Zachary Shippy
Dr. Denise Schoenbachler Leadership Awards in MIS/SAP Integration—Alfonzina Flo Wilson, Ngozi Onuoha, Nalini Jadia, Ayesha Kazmi, Meiby Mateus, Sai Asrita Kolli, Sneha Nagavally, Saranya Garimella, and Deepthi Reddappagari
Dr. Kathleen McFadden Community Service Scholarship—Brandon Pham
Godambe Family Scholarship—Curtis Orndorf
HAVI Global Solutions Scholarship—Calen Lambert and George Van Rensburg
Information Integrity Coalition Scholarship—Nicholas Cepeda
Jeffrey Burton Lollar Memorial Scholarship—Forrest Chapman
Knaack-Werner OM&IS Scholarship—Kevin Rius
Marchewka Family Scholarship—Marcos Quezada
Marian E. Millington Scholarship for the Advancement of Women in Information Technology—Yuting Shi, Meiby Mateus, Bailey Wolters, and Ezinne Eddie-Brown
Matthew L. Johnson Memorial Scholarship—Joseph Zavala and Abiuth Maronga
McKesson Scholarship—Dustin King

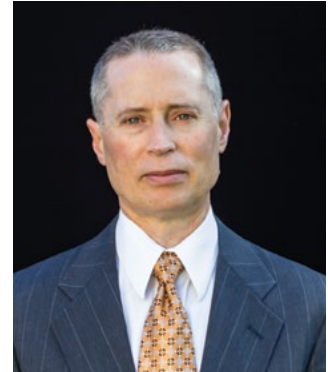
Microsoft Scholarship—Taylor Krupp
Mortar Board Senior Honor Society Scholarship—Matthew Holmes
OM&IS Executive Advisory Council Scholarship—Brian Hawkins
OM&IS Leadership Award—Kevin Rius
OM&IS Leadership (Schoenbachler Family) Scholarship—Carson Schwaller
OM&IS Student Excellence (Liu Family) Scholarship—Jaleel Savoy
OM&IS Excellence (Towell Family) Scholarship—Steven Miller
Outstanding MIS Student Scholarship—Sreeram Sunkara, Ngozi Onuoha, Divya Malika Vandana, Ayesha Kazmi, Anurag Singh, Saranya Garimella, Aolei Li, Sai Kiran Adepu, Sriker Perala, Satya Kaja, Sumeet Singh, Anil Kumar Tokapur, Daniella Dmello, Sneha Nagavally, Humaira Afreen, Divya Reddy Chandupatla, Abhinav Kumar Gatla, Phaniteja Nunna, Folake Olatoye-Ojo, Dimple Mehta, Sai Asrita Kolli, and Praneetha Kotla
Paytavi Family Scholarship—Diego Gomez
Stanley Lipien and James Mailander Scholarship—Kumar Kharel and Abiuth Maronga
Target SAP Scholarship—Anthony Ristich and Diego Gomez
TSI—Transforming.com OM&IS Scholarship—Preston Mitchell
William and Eileen Breitzke Endowed Scholarship—Daniel Kramer, Jaleel Savoy, and Devin Stompanato

Arndorfer Named OM&IS Outstanding Alumnus

The Department of OM&IS presented the 2016 Outstanding Alumnus Award to Randy Arndorfer. Randy graduated from NIU's OM&IS undergraduate program in 1981 and received his MBA degree from the University of Illinois in Chicago in 1987. For the last 10 years, he has served as director of inventory management at Sears Holdings Corporation (SHC), where his responsibilities in-

clude managing a multi-channel supply chain network of imported and domestically sourced products to ensure the SHC's supply chain network runs efficiently and effectively. Prior to his work at Sears Holdings Corporation, he was vice president of operations at Hedstrom Corporation for more than 12 years. He also served as Sergeant and Intelligence Analyst in the United States

Air Force from 1974 to 1978. Mr. Arndorfer has been an active member of the OM&IS Executive Advisory Council (EAC), sharing his insights and experience with our faculty and students. He actively participates in the OM&IS Meet the Firm event, as he has for the past five years, recruiting more than two dozen of our students to fill internships and full-time positions at SHC.



Randy Arndorfer

New Faculty



Koteswara Ivaturi (Koti)

Assistant Professor Koteswara Ivaturi (Koti) earned a doctorate in information systems from the University of Auckland in New Zealand. Prior to earning his doctorate, Koti received a master degree in information systems from the University of Surrey, UK and a bachelor degree in chemical engineering from Viveswariah Technological University, Belagavi.

His primary research interests include behavioral information security, Healthcare IT, and digital technologies and their impact on modern day organizations. Koti's work has been published in journals such as *Journal of Computer Information Systems* and *Journal*

of Global Information Management. Prior to joining NIU, Koti was a post-doctoral scholar at Vanderbilt University's Owen Graduate School of Management. Kati also possesses extensive industry experience through his work as a search quality strategist at Google, data analyst at Auckland Council and as a sales associate at DELL computers.



John Pendergrass

Assistant Professor John Pendergrass joins our department after spending last year in OM&IS as a Visiting Assistant Professor teaching database management and project management. John received his Ph.D. in Management Information

Systems from the University of Illinois at Chicago (UIC) in 2015, a Master of Science in Information Systems from DePaul University in 2007, and a Bachelor of Science in Computer Science from the University of Alabama at Birmingham in 1989. While at UIC, John was a fellow in the NSF funded Integrated Graduate Education and Research Training program for Electronic Security & Privacy.

John's research interests include inter-organizational systems, specifically health information exchange, health informatics, information assuredness, and data management. His teaching interests include project management, IT management and operations, IT strategy, and data analytics. John spent over 25 years in the IT industry prior to pursuing his Ph.D. His assignments included project manager, manager of IT development & support, IT operations manager, and IT director.

Assistant Professor Kishen Iyengar completed his doctoral program

in information systems at the University of Texas at Arlington. His Master of Science in Information Systems was from the University of Texas at Dallas. Kishen has taught courses in information systems and statistics at the Leeds School of Business, University of Colorado at Boulder at the undergraduate level, and the advanced statistical methods course in the Master of Science in Analytics program. His research interests are in the areas of IT-enabled knowledge management and organizational learning. His research has appeared in journals such as *MIS Quarterly*, *Journal of the Association of Information Systems*, *Scientometrics*, and *Journal of Electronic Commerce in Organizations*.



Kishen Iyengar