

2014

Faculty Viewbook

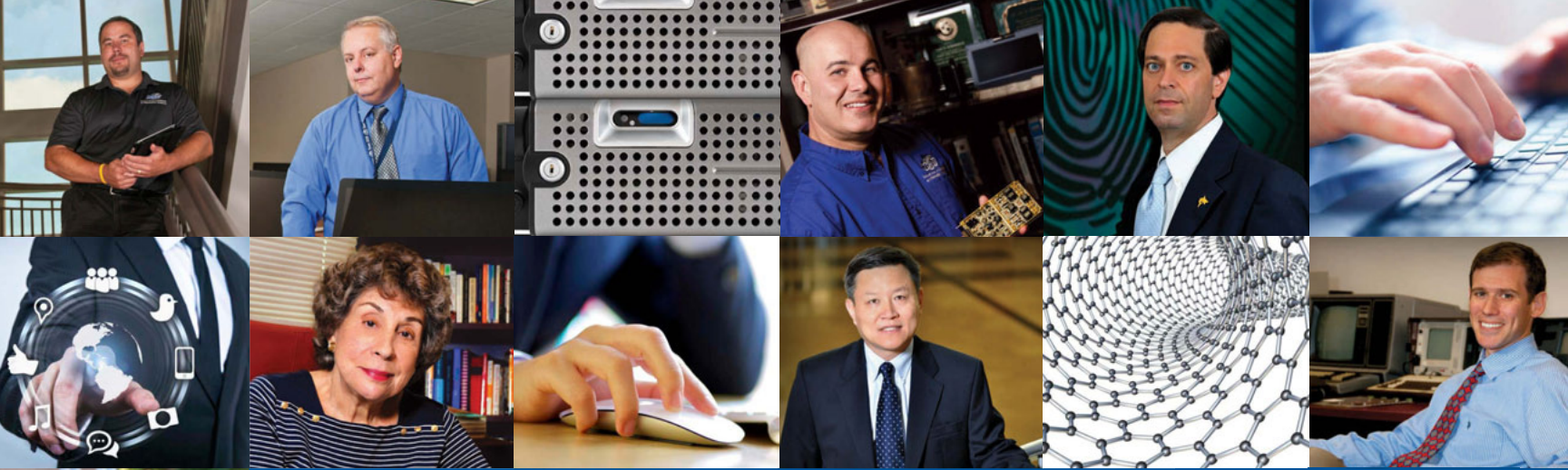
Nova Southeastern University

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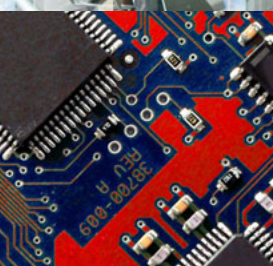
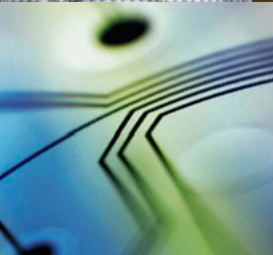
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NSU
NOVA SOUTHEASTERN
UNIVERSITY

Graduate School of Computer
and Information Sciences

Faculty Viewbook





Welcome to the Graduate School of Computer and Information Sciences.

Thank you for your interest in the Graduate School of Computer and Information Sciences at Nova Southeastern University (NSU). We are a unique graduate school with faculty and staff members and alumni working together to help each of you succeed.

In this era of rapid technological growth, each new day brings demands for increased proficiencies from those in the professions involving computer and information technology. Earning a graduate degree in the various computer disciplines requires hard work. Through your efforts, you will be able to make a difference, whether big or small, in your community and in the world.

The full-time faculty of the Graduate School of Computer and Information Sciences (GSCIS) at NSU consists of 21 nationally and internationally recognized scholars who work in diverse fields within the computer and information sciences field. Our professors are experienced professionals, experts in their fields, and excellent teachers. Their publications reflect a wide range of interests and expertise, ongoing participation in important scholarly debates, and significant contributions to the study and teaching of computer and information sciences. They are enthusiastic about getting to know you and helping you develop into an effective and successful professional.

All of us are here to welcome you, support you, and help you create opportunities for your future success. We invite you to become part of the GSCIS community.

Sincerely,

Eric S. Ackerman, Ph.D.

Dean and Associate Professor

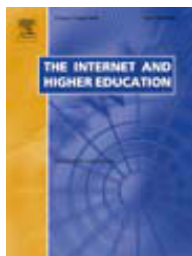
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Our faculty members belong to a number of professional associations, are editors of several publications, and lead several research initiatives. Here are several among the many.



The Internet and Higher Education



Center for e-Learning Security Research



Gertrude W. Abramson, Ed.D.

Professor



“The mostly online doctoral program in computing technology in education through GSCIS is the ideal choice for working people with strong subject matter expertise and computer skills. Our doctoral journey will help each candidate develop the competencies to become a leader in the position of choice.”

Gertrude “Trudy” Abramson began her career in computer education when most did not own a computer. In the 1980s, she started the first community college computer studies program in the United States. Abramson came to NSU following a career as an assistant professor at Baruch College in New York City and an associate professor at William Patterson College in New Jersey. She is an author of hundreds of books, articles, editorials, book reviews, and presentations focusing on educational technology. Throughout her career, Abramson has mentored numerous students who continually state that she is an excellent teacher. One of her previous students even honored her by creating a scholarship in her name, available to other computing technology in education doctoral students.

Research Areas: instructional technology-supported teaching and learning, instructional design, development, implementation and evaluation, educational leadership in the 21st century, assistive and adaptive technologies in education and the workplace, learning technologies in allied health fields, and learning technologies in armed forces training

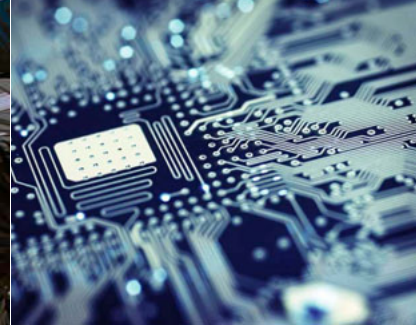
BITS AND BYTES

- journal editor since 1994; currently executive editor, *The Journal of Applied Learning Technology*
- speaker at the Society for Applied Learning Technology's twice-yearly conferences since 1989; keynote speaker August 2004
- GSCIS Professor of the Year, 2011–2012
- education vice president, AMIT Southeastern Region
- Dr. Trudy Abramson Scholarship Fund, established by NSU alumnus Wayne Brown, Ph.D.



Eric S. Ackerman, Ph.D.

Dean and Associate Professor



“Technology is everything today. Our courses are an effective blend of theory and practice that enables students to continue to advance their knowledge in information technology. Two of my favorite quotes are: (1) ‘There is no reason for any individual to have a computer in their home,’ – Ken Olson, president of Digital Equipment Corporation, 1977, and (2) ‘640K ought to be enough for anybody,’ – Microsoft Chairman Bill Gates, 1981.”

Eric S. Ackerman has been active in the engineering and information sciences field for more than 25 years. His experience includes teaching engineering/information science courses, managing academic programs, and consulting on educational and industrial engineering initiatives. He is also currently serving as the project director of the Emil Buehler Research Center for Engineering, Science, and Mathematics at NSU. Ackerman has been involved in numerous engineering projects including designing space hardware that has flown on the space shuttle. He has received various IEEE section, council, and regional awards including the Region 3 IEEE-USA Regional Professional Leadership award. Ackerman is a senior member of IEEE and a member of ACM, ASEE, AIS, AIAA, and Upsilon Pi Epsilon.

Research Areas: management information systems, project management, computer space hardware design, and microgravity research

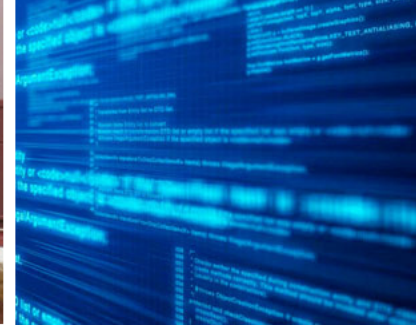
BITS AND BYTES

- IEEE-USA vice president, Career and Member Services
- board member, Alvin Sherman Library, Research, and Information Technology Center
- project director/CO-PI, Emil Buehler Research Center for Engineering, Science, and Mathematics
- president, South Florida InfraGard Chapter
- semi-professional photographer, *Inikon.com*



James Cannady, Ph.D.

Professor



“Security has been a major problem in computer science for decades, and every day brings new challenges in protecting computer networks. The need for innovative research in this area is greater than ever.”

James Cannady began working in information security when he was conducting foreign counterintelligence investigations as a special agent with the Naval Criminal Investigative Service. “As the U.S. military became more reliant on computer systems, foreign governments began attempting to aggressively exploit classified systems for espionage. We had to design the techniques and technologies from scratch.” Since that time, Cannady has conducted research for several U.S. government agencies focusing on the detection of attackers attempting to penetrate critical information infrastructures. Prior to joining GSCIS, Cannady was a senior research scientist at the Georgia Tech Research Institute, where he conducted cutting-edge work in information security and founded the Georgia Tech Information Security Center.

Research Areas: network intrusion prevention, detection, and response; complexity theory and complex adaptive systems; machine learning; information assurance

BITS AND BYTES

- editorial board member, *International Journal of Information Technology and Decision Making*
- principal investigator, NSA Center of Academic Excellence in Information Assurance Education
- Disney Marathon finisher in 2012
- licensed paramedic

A photograph of Maxine S. Cohen, Ph.D., a woman with short grey hair, wearing a red cardigan over a red top and a silver necklace. She is smiling and standing in a lecture hall, holding a book titled "DESIGNING THE USER INTERFACE" by Ben Shneiderman and Catharine Plaisant. The book cover features a colorful illustration of a user interface. In the background, several people are seated in green chairs, listening to a presentation. A red fire alarm pull station is visible on the wall behind her.

Maxine S. Cohen, Ph.D.

Professor



“In order for computing and technology to continue to move forward and become pervasive, we need to pay close attention to the human interface components.”

Maxine Cohen has been involved with computers, programming, and computing education for more than 40 years. Her research has focused on issues relating to human-computer interaction (HCI) for most of her career. Cohen even created the first HCI course at Binghamton University. She has watched HCI grow from almost an afterthought to a well-defined and exciting research area. In the corporate world, she did human factors design work for IBM Corporation, both in Endicott, New York, and Boca Raton, Florida. She has served as a visiting scientist for the U.S. Army, a reviewer for the Department of Defense (DoD) and the National Science Foundation (NSF), and a consultant for distance education programs for the military. In her academic career, she has served as a reviewer for many publishers on academic topics such as database, multimedia, interface design, and interactive systems. Her work has been published and presented at various conferences including the educationally based IEEE Frontiers in Education.

Research Areas: human-computer interaction, usability engineering, interface design, older adults and computing, women and computing, and distance education

BITS AND BYTES

- collaborated on the fifth edition of *Designing the User Interface: Strategies for Effective Human-Computer Interaction* with Ben Shneiderman and Catherine Plaisant (University of Maryland) and Steven Jacobs (Northern Arizona University), published in 2009
- served as category editor for *ACM Computing Reviews (Information Interfaces and Presentation)*, since 1991

Hernan Dennis Ruf, M.H.Sc., Ed.S., BCBA
Advisor: Dr. Laurie Dringus

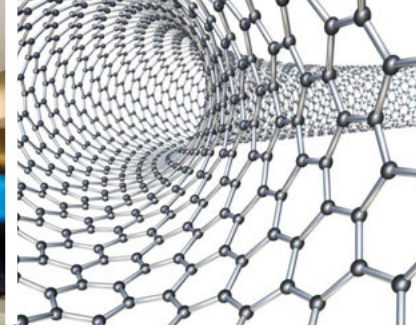


Laurie P. Dringus, Ph.D.

Professor

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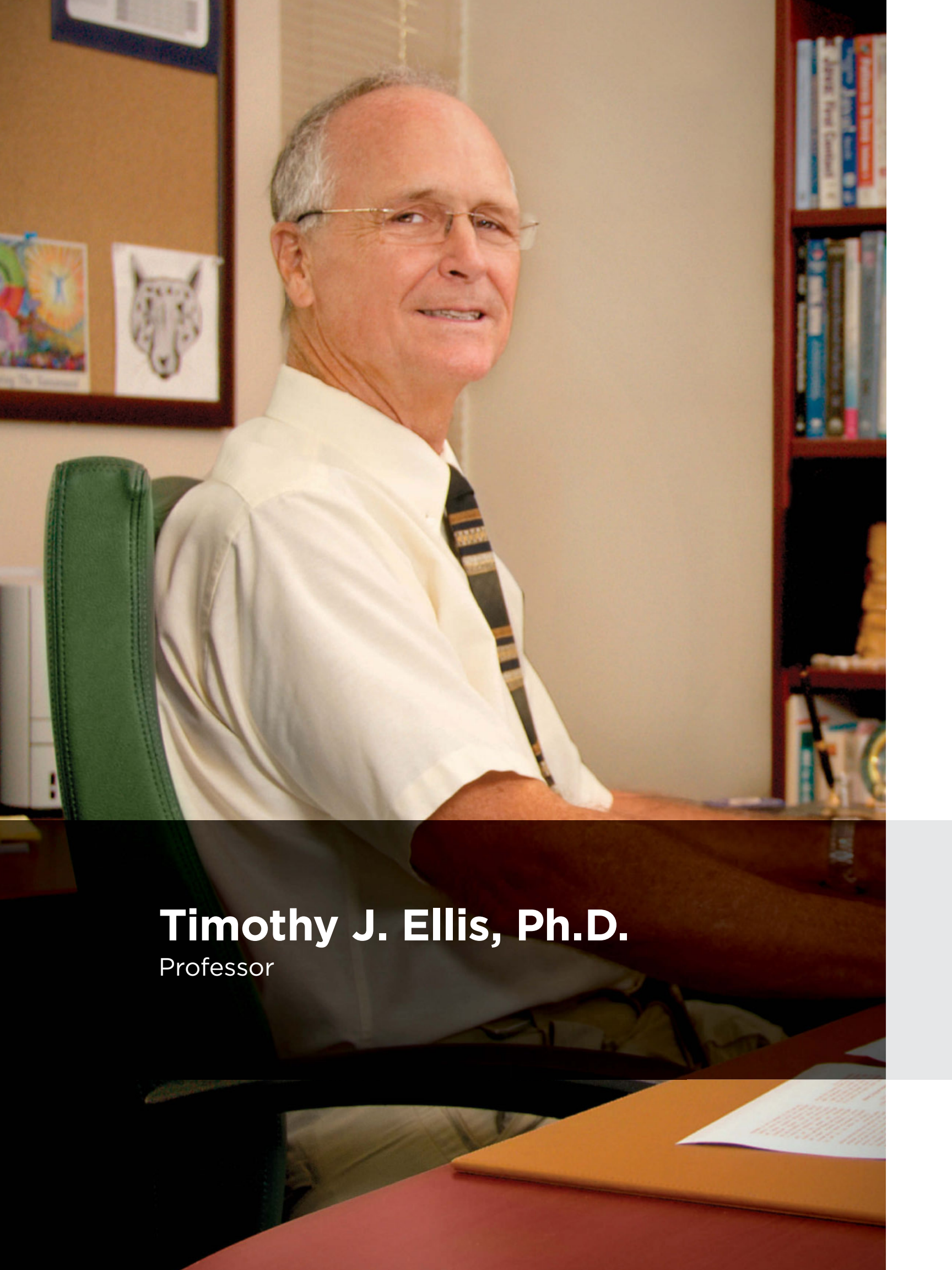


“Designing technology for a better user experience (UX) depends more on what we know about the user than on what we know about the technology.”

Laurie Dringus enjoys teaching and conducting research in the areas of human-computer interaction (HCI) and online learning. Her research focuses on the design, development, and evaluation of interactive technology and of online learning environments. Dringus has been involved in online learning since 1983, having joined the pioneer group that developed online programs at NSU. “It was exciting to experience the creation of online learning from the ground up.” She also initiated the development of HCI curriculum at GSCIS. “We were one of the first institutions to offer HCI courses and expand the ACM SIGCHI model for HCI curricula to graduate-level studies.” She has published widely on many aspects of the nature of human interaction and discourse in online settings. Since 1998, she has served as the editor in chief of *The Internet and Higher Education (INTHIG)*, an international journal that is acknowledged as one of the leading academic journals of online learning and educational technology.

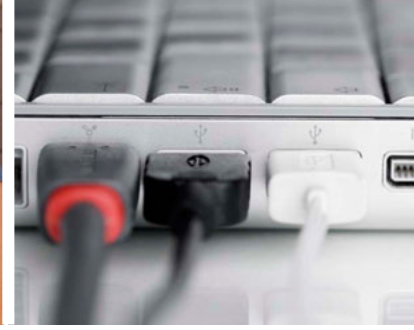
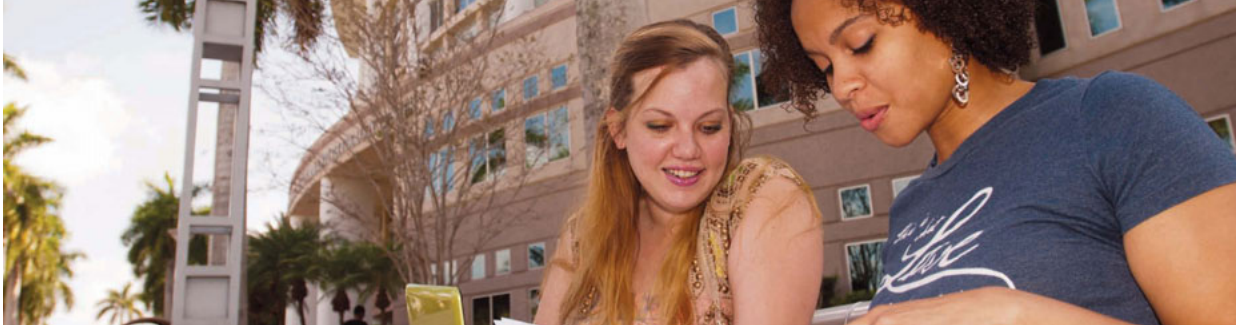
BITS AND BYTES

- advancing effective practices in online learning since 1983
- *INTHIG* 2010 impact factor of 1.896, ranked 17th of 177 journals in the “Education and Educational Research” category by Thomson Reuters



Timothy J. Ellis, Ph.D.

Professor



“If you think knowledge is expensive—try ignorance!”
Automatic I.D. News, 08909768, January 1995, Vol. 11, Issue 1

Tim Ellis's background is an eclectic blend of three career streams: an officer in the United States Navy (Commander, USNR-R), a counseling psychologist (CRC, CAC), and a professor in the informing sciences. His current research and teaching interests focus in two areas: advanced learning technologies—with an emphasis on mobile learning systems, and knowledge management—with an emphasis on knowledge sharing. He is a consistent contributor to both the information systems and educational technology literature, publishing both in highly respected journals (*Computers and Education*, *Informing Science Journal*) and at conferences (Hawaii International Conference on Systems Sciences, *Frontiers in Education*). Prior to joining the GSCIS faculty in 1999, Ellis was chair of the business department at Fisher College in Boston, Massachusetts, where he was instrumental in inaugurating that department and in initiating the college's online learning program.

BITS AND BYTES

- retired commander, United States Naval Reserve
- certified rehabilitation counselor
- black belt, Kempo karate



Michael J. Laszlo, Ph.D.

Professor



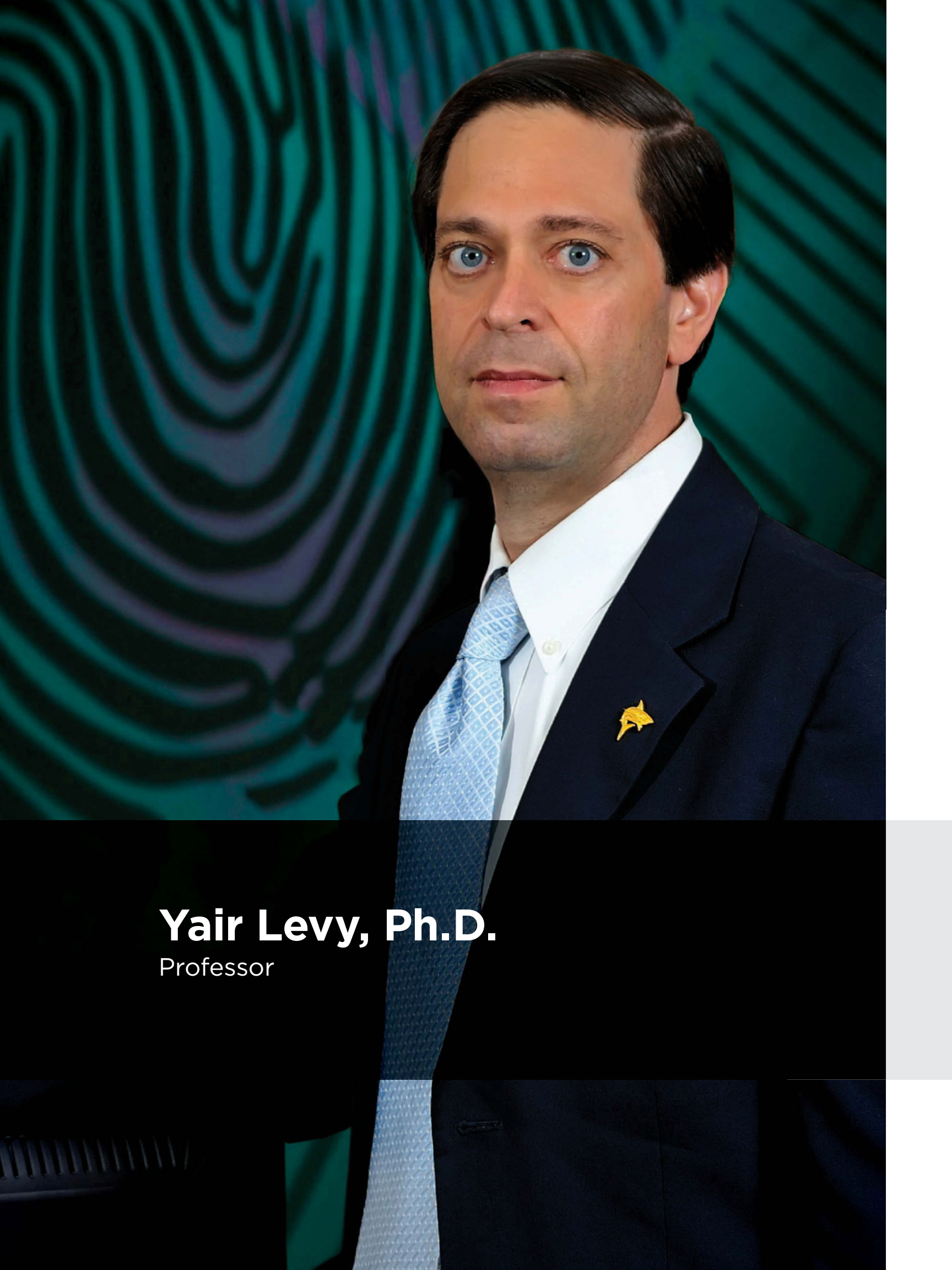
“Because computer science lies at the crossroads of diverse, information-intensive disciplines, it opens many doors. It also happens to be a fascinating field in its own right.”

After completing his undergraduate degree from Vassar College in mathematics and philosophy in 1979, **Michael Laszlo** assumed a position at Bell Laboratories in New Jersey, where he immersed himself in computer science. He worked there for three years on simulation studies and other projects, during which time he learned and worked with C, Unix, APL, PL/1, Fortran, Rogue, orange CRTs, and primitive bitmap graphics, all of which were fairly state-of-the-art in the early 1980s. From there, he went to Princeton University and earned his Ph.D. in computer science with a dissertation that concerned data structures for manipulating three-dimensional subdivisions of space. Following two teaching positions, he joined Nova Southeastern University in 1994.

Research Areas: computer graphics, data structures and algorithms, software engineering, and programming

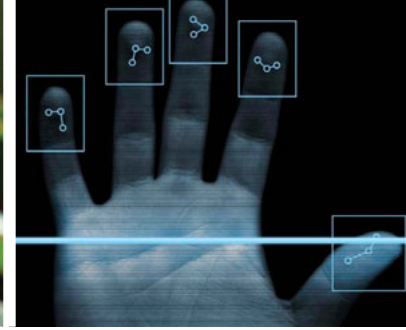
BITS AND BYTES

- author of three books, *Object-Oriented Programming Featuring Graphical Applications in Java*, *The Schemer's Guide to Solid Modeling*, and *Computational Geometry and Computer Graphics in C++*
- published in such journals as *IEEE Transactions on Knowledge and Data Engineering*, *IEEE Transactions on Pattern Analysis and Machine Intelligence*, *Algorithmica*, *Discrete Applied Mathematics*, *Pattern Recognition Letters*, *Optimization Letters*, and *Operations Research Letters*
- enjoys running, swimming, kayaking, hiking, reading, and spending time with his family



Yair Levy, Ph.D.

Professor



“End-user authentication is a continuous challenge in cybersecurity. With advanced research on smart authentications, deterrence methods, and increased awareness, this challenge can be mitigated.”

Yair Levy began working in Web-development and infrastructure when he was in charge of a \$3M Web site implementation coordinated between NASA research centers, NASA office of education (LaRC and Ames), NASA’s High-Performance Computing and Communications (HPCC) administration office, NASA’s Information Infrastructure Technology and Applications (IITA) administration office, local colleges, and private industries. Prior to joining GSCIS, Levy was an instructor at the department of Decision Science and Information Systems and the director of online learning at Florida International University’s College of Business Administration. During the mid to late 1990s, Levy assisted NASA in developing elearning platforms, as well as managing Internet and Web infrastructures. He is an avid researcher and coauthor of numerous peer-reviewed publications that have been cited by hundreds of other scholars. Levy has been serving as a member of conference proceedings committees for numerous scholarly conferences, as well as referee research reviewer for hundreds of national and international scientific journals, conferences proceedings, information systems, and information security textbooks. He is also frequently an invited keynote speaker at national and international meetings on information systems, information security, and elearning topics.

Research Areas: security and ethical issues with Web-based and elearning systems, Web-based user authentication, cyber-security skills, value of information systems, and elearning systems

BITS AND BYTES

- director, Center for eLearning Security Research (CeLSR)
- author, *Assessing the Value of eLearning Systems*, 2006
- founding editor in chief, *International Journal of Doctoral Studies (IJDS)*, 2006–2011
- advisory board member, *Online Journal of Applied Knowledge Management (OJAKM)*
- founding member, International Institute for Applied Knowledge Management (IIAKM)
- member, Association for Information Systems (AIS)
- member, AIS Special Interest Group on Information Security and Privacy (SIGSEC)
- member, Federal Information Systems Security Educators’ Association (FISSEA)



Wei Li, Ph.D.

Associate Professor



“Network security is a fast-growing field. I am happy to be part of the NSU faculty that helps our students learn the key knowledge in the field through effective research and education.”

Wei Li has been an active researcher in the areas of information security and computer science for more than a decade. He is an active member in academia, belonging to various associations including the Institute of Electrical and Electronics Engineers (IEEE), Association for Computer Machinery (ACM), and Upsilon Pi Epsilon. His research interests include intrusion prevention and detection, attack modeling and simulation, network security, information assurance, security engineering, applied cryptography, and artificial intelligence. Prior to joining NSU, he was involved in several research projects, such as cluster security, and attack modeling, while with the Center for Computer Security Research at Mississippi State University. “Information security is not a stand-alone area. To understand the technical challenges, students should have a solid foundation in at least several key areas, such as computer networks, statistics, artificial intelligence, cryptography, and security engineering, among others. I am striving to help our students learn the knowledge, synthesize it, and apply it to safeguard information systems.”

BITS AND BYTES

- senior member, Institute of Electrical and Electronics Engineers (IEEE)
- conference program chair, ISCA International Conference on Computers and Their Applications, 2009 and 2011



Marlyn K. Littman, Ph.D.

Professor



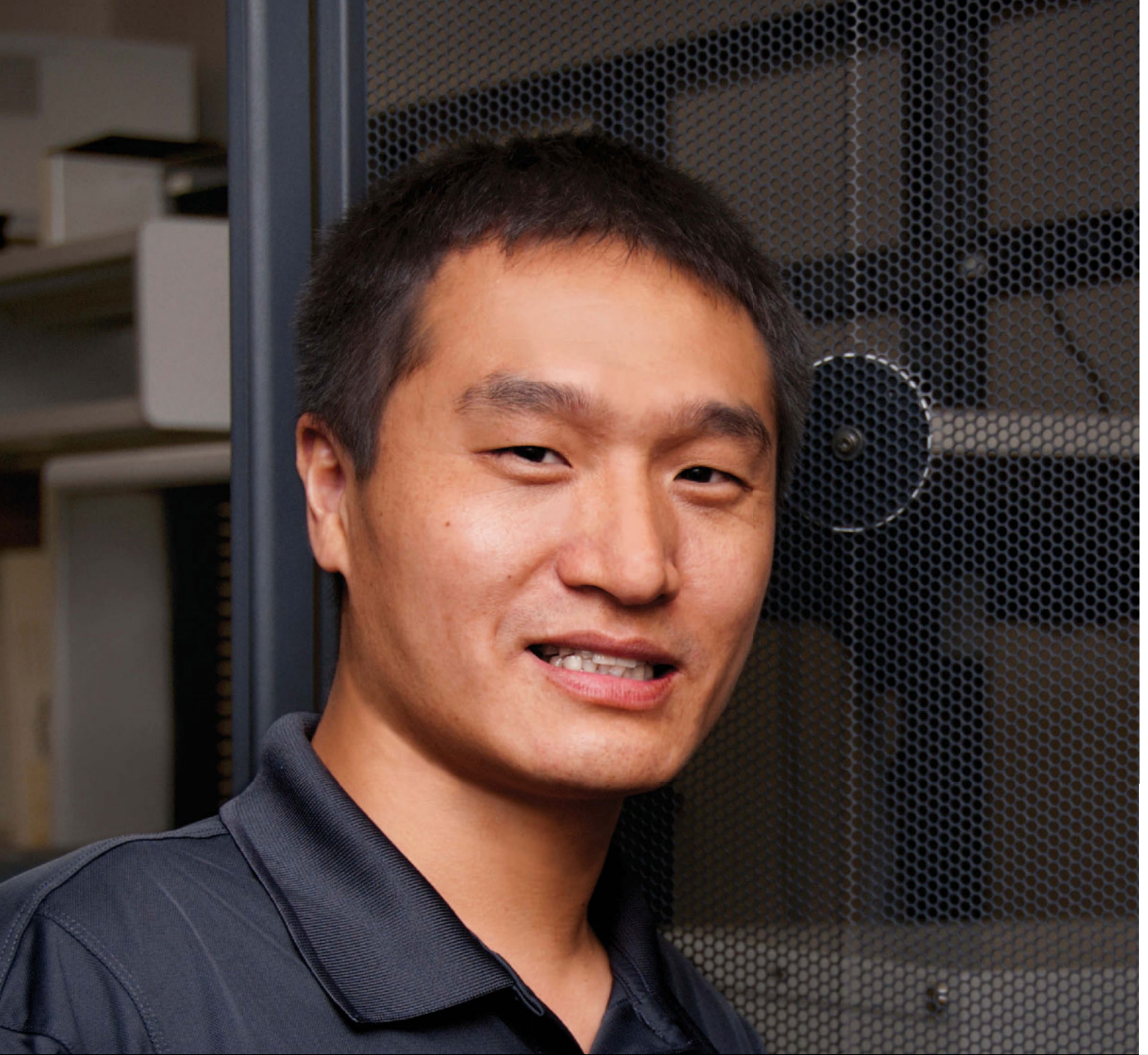
“Present-day high-speed and high-performance broadband network initiatives—such as Internet2 in the United States, CANARIE (Canada’s Advanced Research and Innovation Network), ESnet5 (Energy Sciences Network, Phase 5), and GÉANT3 (the pan-European Union Network, Phase 3)—are transforming access to, and delivery of, present-day and next-generation broadband applications, which are revolutionizing the development of elearning, ehealth care, egovernment, and ecommerce initiatives. Broadband configurations also provision access to social media Web sites and online resources that are expected to shape networking applications and innovations over the next decade and beyond.”

Marlyn Littman is the author of books, book chapters, encyclopedia chapters, journal articles, and articles in conference proceedings in the field of broadband networks. Littman also is the author of publications in the fields of historic preservation and medical history. Prior to joining GSCIS, she served as director of the Historic Broward County Preservation Board, an agency of the Florida Department of State Government.

Research Areas: broadband communications technologies, next-generation networks, broadband networks, grid computing, enterprise network solutions, elearning, and network security

BITS AND BYTES

- second edition of Building Broadband Networks, expected publication date 2014
- GSCIS program director, 1986–1990
- member of Association for Computing Machinery (ACM), Information Resources Management Association (IRMA), and Institute of Electrical Engineers (IEEE)



Peixiang Liu, Ph.D.

Associate Professor





“Research is exciting, since it explores the unknown world. It is also challenging—unlike learning, which expands only your own knowledge base, research increases the stock of human knowledge.”

Peixiang Liu has served as a program committee member and reviewer on various international conferences including the International Conference on Computers and Their Applications (CATA), International Symposium on Computer and Information Sciences (ISCIS), IEEE Consumer Communications and Networking Conference (CCNC), and the IEEE International Performance and Computing and Communications Conference (IPCCC). He has had the distinction of reviewing various publications including *Proceeding of the Royal Society*, *Performance Evaluation*, *International Journal on Computers and Their Applications*, *The Computer Journal*, and many more. Liu is active in the community with his membership in the IEEE and ACM associations. He co-designed and developed a geographic information system (GIS) database engine, that used XML as the data exchange format. Liu previously served as an instructor in China at the Informix-Peking University Training Center and as a software engineer at the New Sanhui Software Company in China.

RESEARCH AREAS

- computer networks
- QoS routing
- database systems
- machine learning



Francisco J. Mitropoulos, Ph.D.

Associate Professor



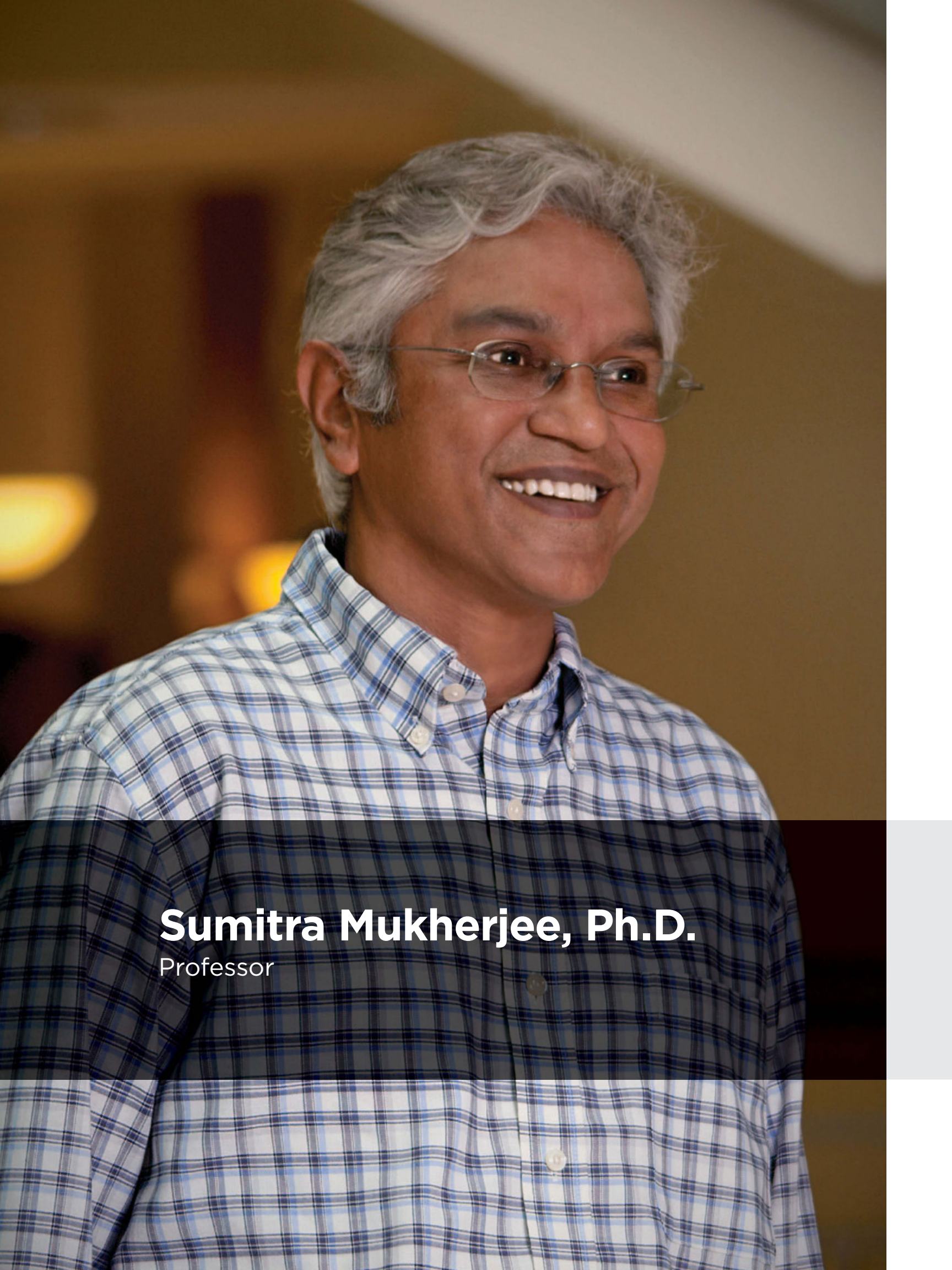
“It is said that one man’s ‘magic’ is another man’s technology. As software professionals, we should strive to make the end-user’s experience as rich and magical as current technology allows. When we can no longer do that, then we **must** advance the technology.”

Prior to joining the faculty of GSCIS in 1994, **Frank Mitropoulos** served 12 years in industry in positions including senior developer for IBM Logica and biochemist and scientific programmer at the University of Miami, School of Medicine. He has taught more than 50 technical training courses for corporations such as Motorola, IBM, GTE, American Express, and American Bankers Group. Mitropoulos was recently instrumental in the launch of GSCIS’s first mobile computing laboratory and has instructed the first iOS Programming course, where students learn hands-on how to design, develop, and build robust iOS applications. Mitropoulos and his doctoral students have published more than a dozen research papers in the areas of aspect-oriented development and aspect-mining.

Research Areas: programming languages, software engineering, object-oriented development, aspect-oriented development, aspect-mining, mobile-application development

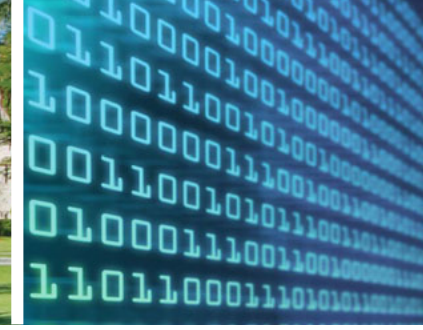
BITS AND BYTES

- former GSCIS director of computing
- architect and designer of GSCIS’s second generation online teaching tools
- award-winning close-up and stage magician and former officer of the Society of American Magicians



Sumitra Mukherjee, Ph.D.

Professor



“A clear grasp of objectives and adherence to the Occam’s razor principle may go a long way toward improving productivity in our information age.”

Sumitra Mukherjee has a Ph.D. in Decision and Information Systems from Carnegie Mellon University and a B.S. in Electrical Engineering from the Indian Institute of Technology, Kanpur. Prior to joining GSCIS, he was with the Department of Computer Information Systems at Baruch College, City University of New York. His publications appear in journals such as *Management Science*, *Journal of the American Statistical Association*, *IEEE Transactions on Pattern Analysis and Machine Intelligence*, *IEEE Transactions on Knowledge and Data Engineering*, *Discrete Applied Mathematics*, *Journal of Systems and Software*, *Operations Research Letters*, *Optimization Letters*, *Pattern Recognition Letters*, *Environmental Management*, *Journal of Organizational Computing*, and *Annals of Operations Research*. Mukherjee enjoys wildlife photography, particularly in the Serengeti ecosystem in Tanzania and Kenya; in Indian national parks with vestiges of tiger populations; and locally in the Everglades, Big Cypress, and Biscayne National Parks.

RESEARCH AREAS

- analytics
- automated support for organizational decision making
- data security
- machine learning



James Parrish, Ph.D.

Assistant Professor



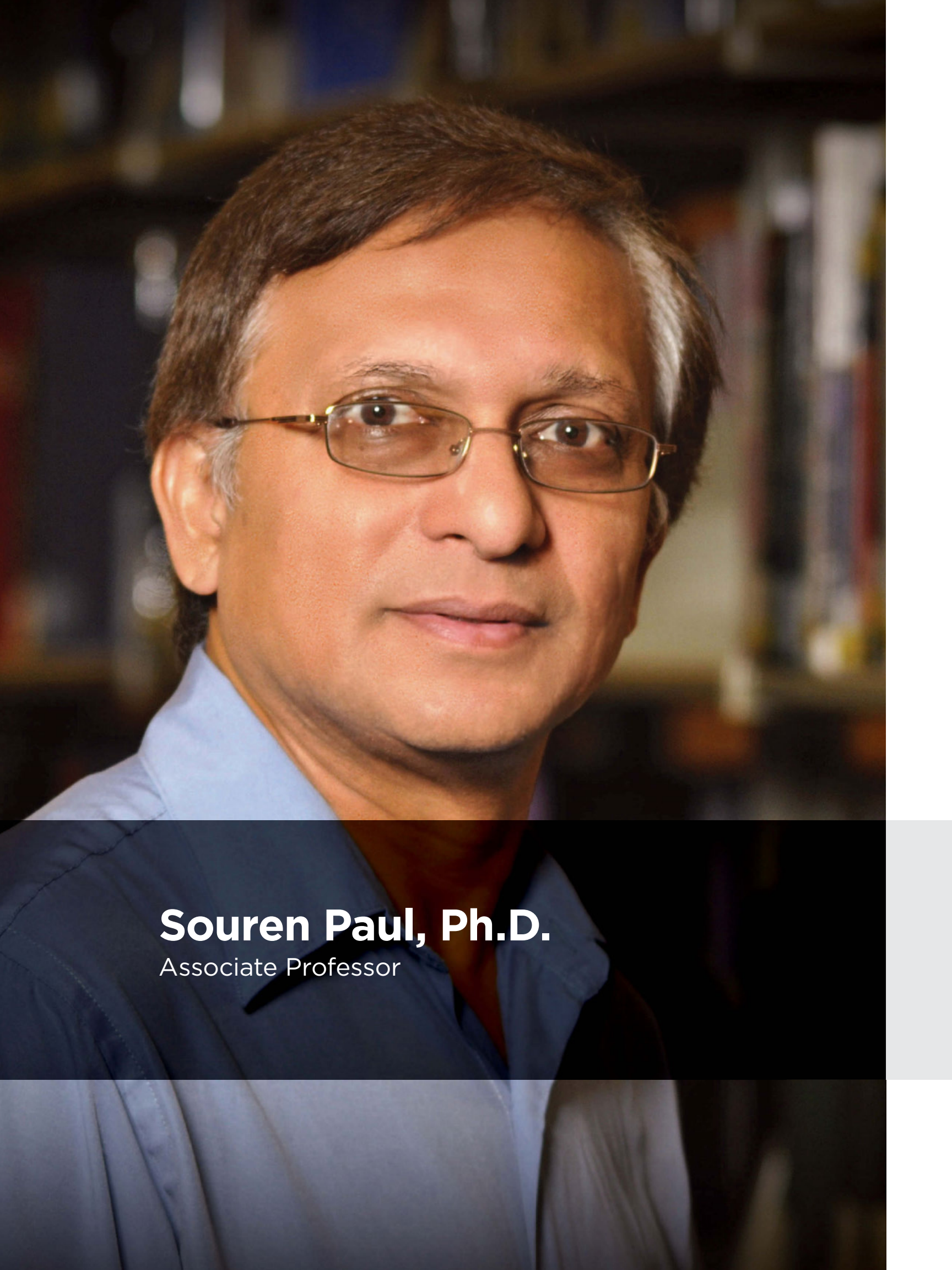
“In today’s economy, it’s not good enough to just have the latest technology. You have to be able to use it effectively and be innovative with it to be successful.”

James Parrish believes that the best information systems programs are those that have synergistic relationships with industry. Prior to joining GSCIS, he was an assistant professor at the University of Arkansas at Little Rock (UALR). He has more than 10 years of experience working in the information systems field for public and private sector organizations as a Web designer and programmer, systems analyst, IT manager, and consultant. At GSCIS, Parrish was involved in the development of the business intelligence/analytics certificate program and the launch of the cloud computing course. He continues to strive for course development relevant toward industry needs. He currently serves on the Executive Board of the South Florida Technology Alliance and assists in the creation of partnerships between academia and industry. Parrish enjoys playing sports, coaching his kids’ sports teams, and spending time on the water whenever possible.

Research Areas: knowledge management systems, social networking, and IT strategy

BITS AND BYTES

- member, Executive Committee and Board of Directors, South Florida Technology Alliance
- mentored multiple national award-winning teams in the Microsoft Imagine Cup competition
- invited speaker at the NBC News Education Nation: Job One event in Miami



Souren Paul, Ph.D.

Associate Professor



Prior to joining GSCIS, **Souren Paul** most recently served as an associate professor at the College of Staten Island, City University of New York. His robust industry experience includes consulting work with Tata Consultancy Services and Lovelock and Lewes, systems management at Indian Oxygen Limited and Otto India Limited, and project management and systems development work in India. Paul serves as an editorial advisory board member for the *Journal of Information Technology Research*. His research publications include articles in *Journal of Management Information Systems*, *Decision Support Systems*, *Information and Management*, and *Information Resources Management Journal*, as well as in the refereed proceedings of various national and international conferences. He is an active member in various professional associations including the Association for Information Systems (AIS), Association for Computer Machinery (ACM), and Institute for Operations Research and the Management Sciences (INFORMS). Paul is the co-chair for the American Conference on Information Systems (AMCIS) 2015.

RESEARCH AREAS

- virtual teams
- computer-supported cooperative work
- technology-mediated collaborations in health care
- organizational knowledge management systems



Amon B. Seagull, Ph.D.

Associate Dean of Academic Affairs and Associate Professor

Photo taken in the GSCIS Computer Museum



“How can we not be enthralled by a field where today’s science fiction becomes tomorrow’s reality?”

Amon Seagull is responsible for the management of academic matters at GSCIS. He occasionally teaches M.S. courses in Java programming, database systems, and theory of computation. His graduate work at the University of Rochester focused on resolving lexico-syntactic ambiguity in natural language understanding, and his research interests span broadly within artificial intelligence and computational linguistics. While engaged in natural language processing research, Seagull often attended the annual meeting of the Association for Computational Linguistics, but has more recently attended the Annual Forum of the Association for Institutional Research, where he has held membership since becoming an administrator in 2003. Prior to joining NSU, Seagull was assistant professor of computer science at the College of Wooster in Ohio. He is also a longtime member of the ACM.

RESEARCH AREAS

- natural language processing
- computational linguistics
- programming languages
- artificial intelligence
- institutional research



Gregory E. Simco, Ph.D.

Professor





“A strong grasp of the fundamentals of math and science coupled with critical thinking are the keys to success in any venture—Fetch, Decode, Execute.”

Before joining the faculty at GSCIS, **Gregory Simco** was the technical and team leader for OS/2 and Workplace OS kernel and file systems for IBM and senior research and development engineer and director of systems software for the Panda Project. Simco is an active member of both the Institute of Electrical and Electronics Engineers (IEEE) and Association for Computing Machinery (ACM). His research publications are featured in *The Internet and Higher Education*, as well as in the proceedings of various national and international conferences including IEEE SoutheastCon, ACM RIIT 2012, ACM Southeast, International Conference Software Engineering and Applications, IEEE International Conference on Technologies for Homeland Security, and many more focused on the architecture, design, performance, and evaluation of survivable/dependable distributed systems. Simco is involved in NSU’s Florida Lambda Rail project and the Secure and Robust Distributed Systems initiative within the Center of Academic Excellence in Information Assurance Education at NSU. He contributes to the leadership of GSCIS and the university as an influential member of the Academic Review Committee, Faculty Advisory Council, and Faculty Peer Review. He is an avid sports and exercise enthusiast and enjoys spending time with his family.

RESEARCH AREAS

- operating and distributed system engineering
- system performance evaluation and analysis
- survivable and dependable systems



Marti M. Snyder, Ph.D.

Associate Professor



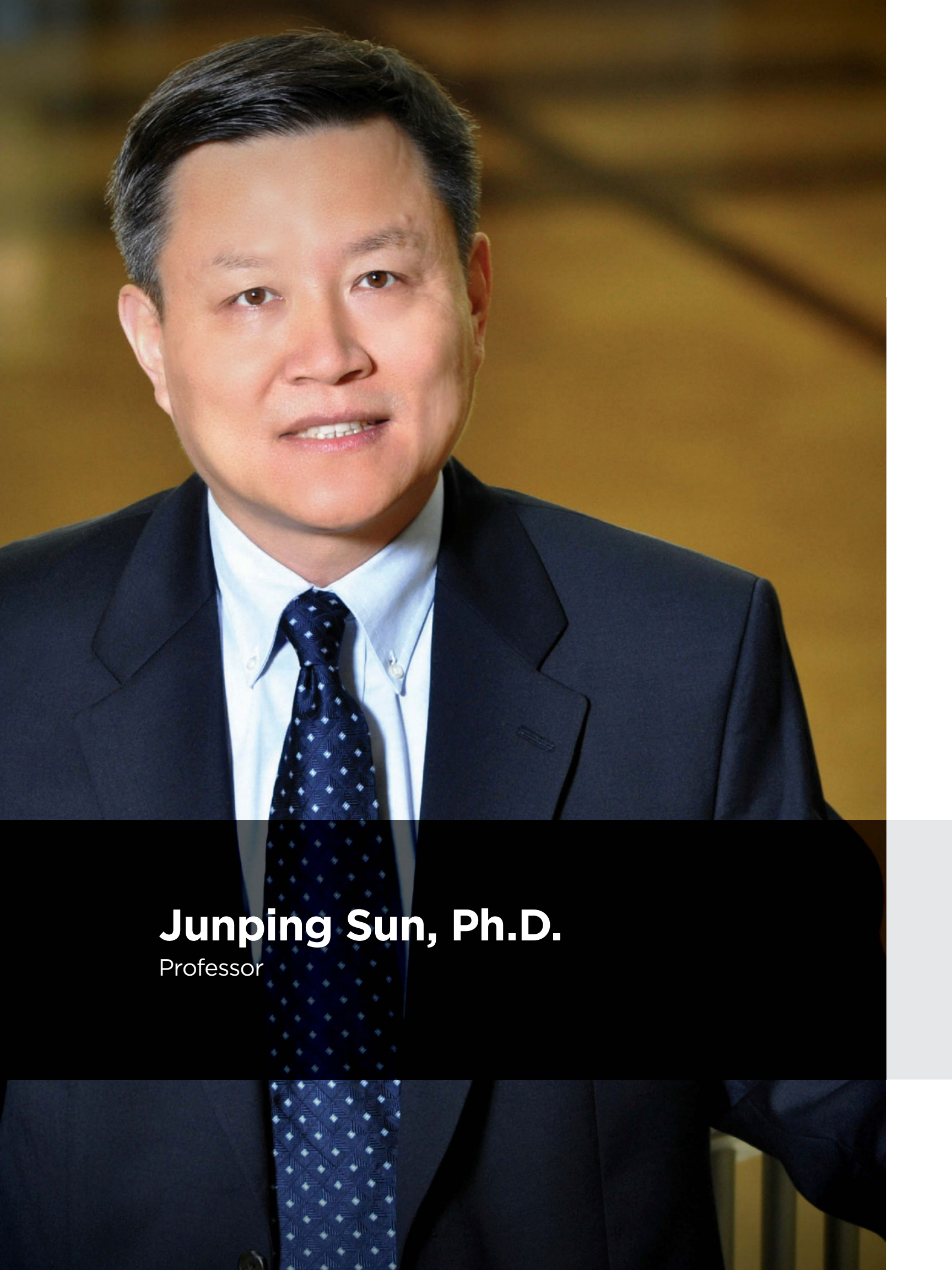
“Educating in digital environments involves making the right connections between technology and people.”

Prior to joining GSCIS, **Marti Snyder** spent more than 15 years as a senior instructional designer and project manager for a Fortune 500 company where she designed learning solutions for domestic and international banks, retailers, mortgage companies, and insurance agencies. She is an active member of the American Educational Research Association, Association of Educational Communications and Technology, Sloan-C Consortium, and Informing Science Institute. Snyder serves as a reviewer for various journals in technology and higher education including the *International Journal of Doctoral Studies*, *The Internet and Higher Education*, and *New Horizons in Adult Education and Human Resource Development*. She has published articles in national and international journals including *The International Journal of Designs for Learning*, *The Internet and Higher Education*, *Journal of Instruction Delivery Systems*, and *The Qualitative Report*. “My research focuses on designs for learning in technology-enhanced environments. Through my teaching and research, I interact with people from higher education, the military, government, business, and health care. It’s incredible to see how my students and colleagues are using learning technologies in their fields in truly transformative ways.”

Research Areas: instructional design theory and model building and validation, communities of practice, workplace learning, and qualitative research methods

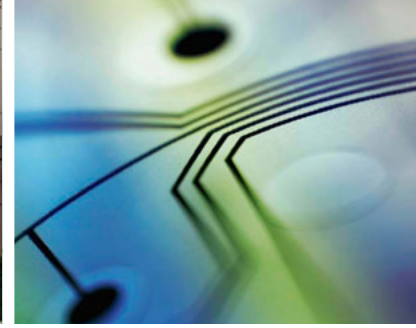
BITS AND BYTES

- Development Dimensions International (DDI) Certified Facilitator of DDI Learning Systems
- registered therapy dog handler and volunteer with Therapy Dogs International (TDI)



Junping Sun, Ph.D.

Professor



“The ultimate goal of academic education is to teach the skills of problem solving with the domain knowledge and its underlying methodologies.”

Junping Sun teaches database systems to graduate students and recently designed and instructed the first data mining courses. He joined NSU in 1992 after earning his Ph.D. from Wayne State University. He is the author of numerous conference presentations and journal articles, some of which appear in the publications of ACM and IEEE. Sun also serves as an associate editor of *The Journal of Engineering Letters (International Association of Engineers)*, *International Journal of Advanced Intelligence*, and *The International Journal of Computers and Their Applications*. He also served as database track co-chair for the ACM Symposium on Applied Computing and as a program committee member for ACM, IEEE, and other international conferences. He is a member of the Association for Computing Machinery (ACM) and a senior member of the Institute of Electrical and Electronics Engineers (IEEE).

RESEARCH AREAS

- database management systems
- data warehousing
- knowledge discovery
- data mining



Gurvirender P. Tejay, Ph.D.

Associate Professor



“Computer-related fraud permeates organizations due to the generally trusting nature of our society. Technology and scientific knowledge can be used to make the digital environment safe to use. Now seems to be the time to encourage institutions to be socially responsible as well.”

Gurvirender Tejay's research focuses on addressing issues pertaining to information security, information quality, and knowledge management in organizations. In each of these areas, he studies complexity of organizational context, behavior of organizational members, and intricacies of information technologies to design effective information-related practices and governance structures. Tejay's academic interests led him to pursue graduate studies in the field of economics at the University of Wisconsin, Milwaukee, and computer science at the University of Chicago. He has published several refereed research publications in journals and conference proceedings. Most of his scholarly work is influenced by contextualism and follows the tenets of Interpretivist paradigm. Tejay has presented research talks on information security at several conferences. He has been invited to speak to IT executives at SIMposium 2011, the annual conference of the Society for Information Management, and CISO Executive Summit 2011. The U.S. Department of Homeland Security and the National Security Agency have also invited him as a subject matter expert, to review a cyber-security workforce framework. He has served as a scientific reviewer for top IS journals and international research conferences. Tejay's teaching approach emphasizes critical thinking, rigor, and relevancy to practice.

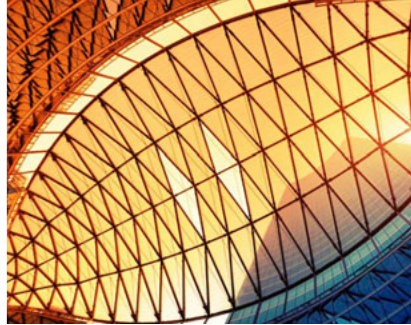
BITS AND BYTES

- co-editor, Special Issue on Cybercrime, *Computers & Security Journal*
- visiting scientist at Ludwig Maxmilian University, Germany, 2012
- co-chair for 'IS, IT, and Security' track, itAIS 2012, Italy
- chair for 'Cybercrime in the Digital Economy' mini track, Hawaii International Conference on System Sciences, 2012
- chair for 'Cybercrime and IT Misuse' mini track, Americas Conference on Information Systems, 2012
- program committee member, United Nations IFIP WG 8.11/11.13 IS Security Research Workshop, 2012 and 2013
- program committee member, UN IFIP Workshop on IS Security Management, 2010, South Africa



Steven R. Terrell, Ph.D.

Professor



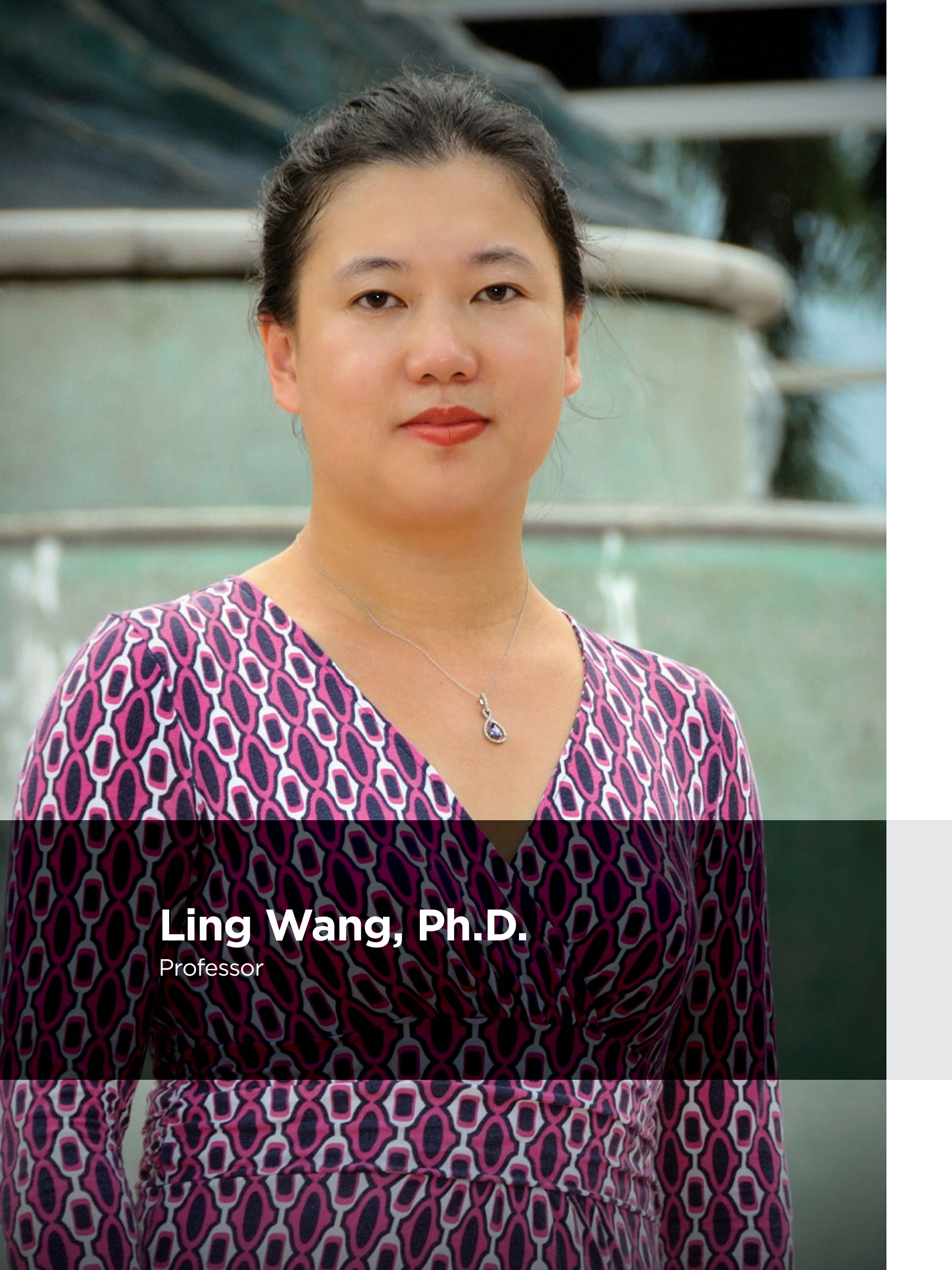
“The goal of any Ph.D. program should be to graduate students who have the ability to both understand and add to the body of literature in their field. My job is to teach students the research and statistical skills needed to be good consumers, as well as good producers, of research.”

Steven Terrell has been with NSU since 1988. He teaches quantitative methods and qualitative research to students in the technology in education and information systems doctoral programs. His background includes master’s degrees in business and counseling psychology and a doctorate from Florida International University focusing on educational research and statistics. Terrell is the author of more than 130 conference presentations, book chapters, and journal articles primarily focusing on student motivation and the use of technology in the classroom. In 2012, he published his highly successful book, *Statistics Translated: A Step-by-Step Guide to Analyzing and Interpreting Data*. He serves on the editorial boards of the *Journal of Research on Technology in Education* and *The Qualitative Report* and served a three-year role as chair of the Online Teaching and Learning Special Interest Group of the American Educational Research Association. Terrell remains active in the community with professional memberships in the American Psychological Association and the American Counseling Association.

Research Areas: research methodology and statistics, qualitative research, distance education

BITS AND BYTES

- published a book, *Statistics Translated: A Step-by-Step Guide to Analyzing and Interpreting Data*, in 2012
- avid traveler and backpacker
- Florida registered mental health counselor intern



Ling Wang, Ph.D.

Professor



“Mobile learning, as a fairly new trend in learning technologies, supports learning and development via mobile devices such as smartphones and tablets. The *m*learning community encompasses perspectives from academia to industry, and from grade schools, to higher education, and to lifelong learning sectors. Various areas of growth in *m*learning are currently researched, including social-networked mobile learning, mobile educational gaming, etc.”

Ling Wang serves as a research methodologist for the graduate programs across disciplines at GSCIS as well as the broad researcher community. She joined NSU in 2003, after earning her Ph.D. in educational technology from Purdue University. She is an active member of the community and holds professional memberships with the American Educational Research Association (AERA), Association for the Advancement of Computing in Education (AACE), Association for Educational Communications and Technology (AECT), and the International Society for Technology in Education (ISTE). She teaches graduate courses in computing technology in education and information systems, conducts research projects and studies, advises doctoral students on their dissertations, and serves as a reviewer for many national and international journals.

Research Areas: research methodology and statistics, instructional design, motivation in education, learning technology, and mobile learning

BITS AND BYTES

- chaired AERA SIG 169 (Doctoral Education Across the Disciplines), 2009 Dissertation of the Year Award
- published book, *Preservice Teachers' Self-Efficacy for Technology Integration*
- journal article selected as the Best JRTE, 2010



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To learn more or RSVP, visit us at www.scis.nova.edu/admissions/openhouse.html.

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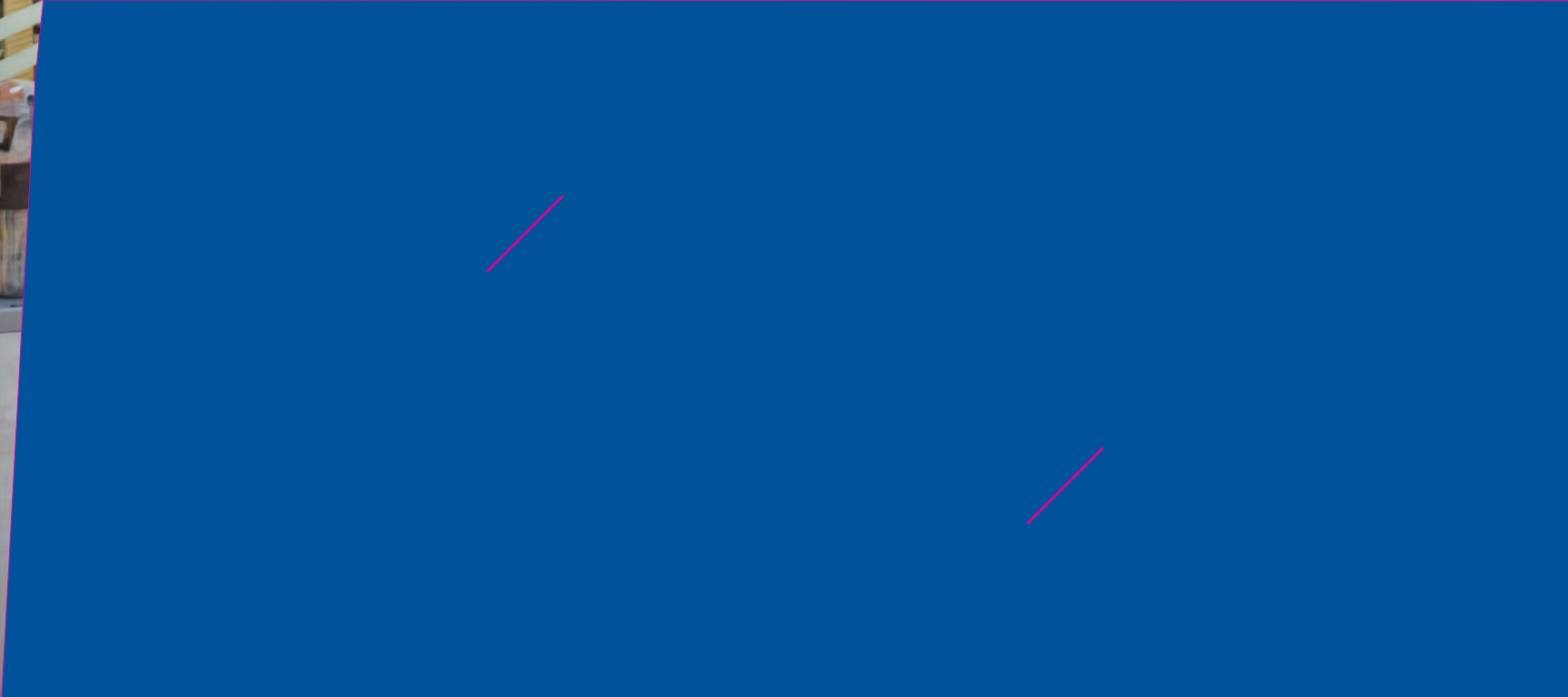
Have questions about our programs or admissions process? Contact the Office of Admissions by phone at **800-986-2247, ext. 22001**, or via email at scisinfo@nova.edu.

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