



FIFTEENTH ANNUAL

Celebration of Faculty and Staff Academic Excellence

THURSDAY, NOV. 1, 2018 | SLEE HALL





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ORDER OF PROGRAM

All awards will be announced by the master of ceremony unless otherwise noted.

Master of Ceremony

Robert Granfield
Vice Provost for Faculty Affairs

Video: "What is Excellence?"

Welcome

Satish K. Tripathi
President

50 Years of Service to UB

**UB President Emeritus and Mrs. Meyerson
Award for Distinguished Undergraduate
Teaching and Mentoring**

Ann M. Bisantz
Dean of Undergraduate Education

**UB Excellence in Graduate Student
Mentoring Award**

Graham L. Hammill
*Vice Provost for Educational Affairs and Dean of
the Graduate School*

UB Distinguished Postdoc Mentor Award

Graham L. Hammill

UB Teaching Innovation Award

UB Exceptional Scholars

Young Investigator Award

Sustained Achievement Award

UB Distinguished Professor

Viewing: Excerpt from “See It Through Buffalo”

UB School of Architecture and Planning
Introduced by

Gregory L. Delaney: Film Director

Clinical Assistant Professor, Department of Architecture

Korydon H. Smith: Assistant Film Director

Professor and Chair, Department of Architecture

SUNY Chancellor’s Awards for Excellence in:

Classified Service

Laura E. Hubbard

Vice President for Finance and Administration

Professional Service

A. Scott Weber

Vice President for Student Life

Teaching

Scholarship and Creative Activities

SUNY Distinguished Ranks

Anne B. Curtis

SUNY Distinguished Professor and Chair, Department of Medicine

SUNY Distinguished Professor

SUNY Distinguished Teaching Professor

SUNY Distinguished Service Professor

Closing Remarks

Charles F. Zukoski

Provost and Executive Vice President for Academic Affairs

ABOUT “SEE IT THROUGH BUFFALO”

“See It Through Buffalo” is a documentary short on the impact of university-city partnerships. It is on exhibit in Venice, Italy as part of the prestigious Venice Architecture Biennale. Produced by Paget Films, in association with faculty and students from UB’s School of Architecture and Planning.



50 Years of Service to UB

Wayne K. Anderson

Department of Pharmaceutical Sciences

Winston W. Chang

Department of Economics

Ching Chou

Department of Mathematics

Thomas W. Cusick

Department of Mathematics

Michael P. Farrell

Department of Sociology

Robert J. Genco

Department of Oral Biology

Rossman F. Giese, Jr.

Department of Geology

Clyde F. Herreid

Department of Biological Sciences

Perry M. Hogan

Department of Physiology and Biophysics

James M. Holmes

Department of Economics

Bruce Jackson

Department of English

Leonard A. Katz

Department of Medicine

James M. Lawler

Department of Philosophy

Murray Levine

Department of Psychology

Emanuele G. Licastro

Department of Romance Languages and Literatures

Stephen G. Manes

Department of Music

James E. McConnell

Department of Geography

Margaret A. Piech

Department of Mathematics

Martin E. Plaut

Department of Medicine

Joel O. Raynor

Department of Psychology

Nagesh S. Revankar

Department of Economics

Vijay C. Swamy

Department of Pharmacology and Toxicology

Myron A. (Mick) Thompson

The Graduate School

Shari A. Wilson

Department of Microbiology and Immunology

Jerrold C. Winter

Department of Pharmacology and Toxicology

Darold C. Wobschall

Department of Electrical Engineering

UB President Emeritus and Mrs. Meyerson Award for Distinguished Undergraduate Teaching and Mentoring

Michael R. Detty

Department of Chemistry

Michael Detty, PhD, is lauded for his fundamental research in organoselenium and organotellurium chemistry, and his development of applications of this chemistry toward advances in photodynamic therapy and marine anti-fouling technology. An exceptional teacher and recipient of the SUNY Chancellor's Award for Excellence in Teaching and Milton Plesur Excellence in Teaching Award, Dr. Detty has provided nearly 40 undergraduate students with transformative experiential learning opportunities conducting research in his labs. In addition, he has mentored numerous PhD and master's students.

Johannes Hachmann

Department of Chemical and Biological Engineering

Recipient of a 2018 National Science Foundation CAREER Award, Johannes Hachmann, PhD, is an emerging leader in the field of computational and data-driven research in chemistry and materials. He is an excellent teacher devoted to enabling students to understand difficult concepts and a generous mentor dedicated to helping his students set and achieve professional and academic goals. Dr. Hachmann helped launch and advises UB's Engineers Without Borders, which provides students with valuable opportunities to positively impact the world through responsible engineering practices.

Larry W. Hawk

Department of Psychology

Recognized as one of UB's Top 100 Principal Investigators, Larry Hawk, PhD, focuses his research on the role of basic motivational and cognitive processes in understanding and treating cigarette smoking and ADHD. In his 21 years at UB, he has taught over 16,000 undergraduates and mentored more than 100 undergraduate research assistants. A challenging, energetic and effective teacher, strongly committed to his students' development and success, Dr. Hawk received the 2014 Milton Plesur Excellence in Teaching Award from the UB Student Association.



UB Excellence in Graduate Student Mentoring Award

Paul D. Gollnick

Department of Biological Sciences

A fellow of the American Academy of Microbiology, biological sciences professor and chair, Paul Gollnick, PhD, is a renowned expert in gene expression and transcription. An excellent mentor, he has helped prepare PhD and MS students in his laboratory for future professional and academic success. Always concerned about his mentees' personal goals and ambitions, Dr. Gollnick also excels at mentoring students in other laboratories and the BIO MA program, many of whose professional and academic interests fall outside of his research expertise.

Sargur N. Srihari

Department of Computer Science and Engineering

SUNY Distinguished Professor Sargur Srihari, PhD, is a pioneer in artificial intelligence who is particularly recognized for his work in automated hand-writing recognition. He has supervised 40 PhD and several hundred MS students who have gone on to achieve high levels of success in companies that include IBM and Ricoh Silicon Valley. Last year, one of his doctoral students won the UB Excellence in Graduate Student Mentoring Award. Dr. Srihari teaches a popular machine learning graduate course, in which over 400 students are enrolled this semester.

UB Distinguished Postdoc Mentor Award

Peter F. Biehl

Department of Anthropology

A renowned archaeology scholar focusing on Europe and the Near East, climate change, and heritage studies, Peter Biehl, PhD, has taught in Halle, Freiburg, Cambridge and Paris and he is a fellow of the Society of Antiquaries of London and German Archaeological Institute. An excellent mentor, particularly for international scholars, he works with postdocs primarily as director of the Institute for European and Mediterranean Archaeology (IEMA). For postdocs, he creates an inclusive, collaborative environment and provides valuable professional development opportunities.

UB Teaching Innovation Award

Nicole P. Albanese

Department of Pharmacy Practice

Nicole Albanese, PharmD, is an outstanding teacher who has significantly helped advance Department of Pharmacy Practice curriculum and educational outreach efforts through novel and innovative pedagogical approaches. An advocate of active learning, her teaching methodologies include flipped classroom, team-based learning, blended learning, and the use of educational technologies. Widely recognized for her teaching effectiveness, Dr. Albanese has twice been named School of Pharmacy and Pharmaceutical Sciences Teacher of the Year and also Western New York Residency Preceptor of the Year.

Dimitrios Koutsonikolas

Department of Computer Science and Engineering

Recipient of the School of Engineering and Applied Sciences' Senior Teacher Award and Early Career Faculty Teaching Award, Dimitrios Koutsonikolas, PhD, is an excellent teacher, renowned for his classroom innovations. These innovations include a unique teaching platform to facilitate teaching and improve the student experience in an introductory computer networking course, assignments and courses designed specifically to prepare students for their future careers as programmers or academics, and the use of technology and flipped classroom techniques to promote active learning.

Amy VanScoy

Department of Library and Information Studies

Amy VanScoy, PhD, is an excellent teacher who uses innovative pedagogical approaches that are relevant and appealing to millennial students. She is renowned for her blended classroom techniques, which include mainly online course content, several real-time meetings for community development, and integration of both on-campus and online students into one course. In addition, Dr. VanScoy employs social media in her classes, uses technology to personalize online course content and is a SUNY leader in online education and open educational resources.



UB Exceptional Scholars

YOUNG INVESTIGATOR AWARD

Timothy R. Cook

Department of Chemistry

With dual expertise in self-assembly and energy, Timothy Cook, PhD, is an emerging leader in the capture, storage and use of renewable power. He has approximately 80 publications – many in top-tier journals – that have garnered over 6,800 citations and an impressive h-index of 36. In recognition of his early accomplishments, Dr. Cook received the Great Lakes International Imaging and Flow Cytometry Association's Carleton and Sigrid Stewart Award and the Journal of Coordination Chemistry's Arthur E. Martell Early Career Researcher Prize.

Seong Won Han

Department of Educational Leadership and Policy

Just five years after receiving her PhD, Seong Won Han is already an emerging top scholar, focusing on cross-national comparisons of educational inequality and educational policy. Recipient of a highly competitive Thomas J. Alexander Fellowship from the Organisation for Economic Co-operation and Development, Dr. Han has produced a sustained record of top-tier publications, which have received international interest from educational policymakers. She is consistently invited to share her research findings at top-level professional associations in Europe, North America and Asia.

Josep M. Jornet

Department of Electrical Engineering

Since joining UB in 2013, Josep Jornet, PhD, has established a world-class research program at the intersection of nanotechnologies and wireless communications. His pioneering work in the field of nano-device technologies and communication techniques for nano-networks in the Terahertz spectrum has resulted in three patents. Supported by more than \$6.3 million in federal grants as principal or co-principal investigator, he has authored more than 100 peer-reviewed publications and one book, garnering more than 4,700 citations and an h-index of 31.

Oliver Kennedy

Department of Computer Science and Engineering

Recipient of a prestigious National Science Foundation (NSF) CAREER Award, Oliver Kennedy, PhD, is an emerging leader in databases, focusing on data uncertainty, analysis, and data quality and confidence. In particular, his research is notable for its practical applications. Supported by a \$2.7 million NSF grant, he is developing a commercial-quality prototype to streamline data curation. In addition, he has received continuous funding for four years from Oracle, and his work influenced the ongoing design of SQLite, the world's most widely deployed database system.

Pinaki Sarder

Department of Pathology and Anatomical Sciences

A senior member of the Institute of Electrical and Electronics Engineers, Pinaki Sarder, PhD, is a computational image scientist with a unique background in engineering and biology who has already made important breakthroughs since joining UB in 2015. He leads a research team focused on computational modeling of the pathological disease mechanism of renal proteinuria and developing end-user biomedical software. A prolific scholar, he has published nearly 40 refereed articles and conference papers and delivered more than 20 invited presentations.

Z. Jack Tseng

Department of Pathology and Anatomical Sciences

Jack Tseng, PhD, is a computational anatomist who has already developed an international reputation since joining UB in 2016 for his paleontological discoveries and studies. His research focuses on the quantitative and functional anatomy and evolution of the mammalian craniodental system and has the potential to impact fields ranging from animal migration studies to anatomical and skeletal modeling for bioengineers and orthopedic researchers. A prolific scholar, Dr. Tseng has more than 50 refereed publications and more than 20 invited presentations.

Ciaran Williams

Department of Physics

Ciaran Williams, PhD, is a particle physicist working with scientists at the CERN Large Hadron Collider to advance fundamental understanding of the physical world. His important research provides enhanced predictions in quantum chromodynamics (QCD) and improved tools for searches for evidence of new physics, such as dark matter. In recognition of his outstanding early contributions, Dr. Williams received a prestigious National Science Foundation CAREER Award and the Wu-Ki Tung Award for Early Career Research from the Coordinated Theoretical-Experimental Project on QCD.

Lukasz Ziarek

Department of Computer Science and Engineering

Recipient of a National Science Foundation (NSF) CAREER Award and UB faculty member since 2012, Lukasz Ziarek, PhD, has already made significant contributions to his field. His research, which has been supported by \$3.5 million from NSF (\$1.5 million credited to him), is at the intersection of programming languages, real-time systems and mobile systems. A prolific scholar, he has 63 peer-reviewed publications, and he served as guest editor for a special issue of the prestigious publication Transactions on Aspect-Oriented Software Development.



SUSTAINED ACHIEVEMENT AWARD

David Castillo

Department of Romance Languages and Literatures

Professor of Spanish and UB Humanities Institute director, David Castillo, PhD, is renowned for applying insights from Cervantes and other early modern writers to current issues, including social justice, political truth and human rights. He has published eight books, including the acclaimed “Medialogies: Reading Reality in the Age of Inflationary Media” (2016), which was presented and discussed at a 2017 U.S. Library of Congress event and was the subject of a full issue of the influential journal *Hispanic Issues On Line*.

Sherry Chemler

Department of Chemistry

Recipient of a prestigious Arthur C. Cope Scholar Award from the American Chemical Society, Sherry Chemler, PhD, is an internationally renowned organic chemist focused on developing new reactions for organic synthesis using transition metal catalysis. She is particularly recognized for her pioneering work employing sustainable, earth-abundant copper compounds to create organic reactions critical for the pharmaceutical industry. Her research has been continuously supported by the National Institutes of Health since 2006, and her more than 50 peer-reviewed publications have garnered in excess of 3,500 citations.

Matthew S. Dryer

Department of Linguistics

Recipient of a prestigious Humboldt Research Award, Matthew Dryer, PhD, is renowned as one of the world’s leading typologists. In particular, he is recognized for his critical work on the expansive “World Atlas of Language Structures” (WALS), a milestone achievement developed at the Max Planck Institute for Evolutionary Anthropology, which was built on an earlier database Dr. Dryer had created. WALS is an indispensable resource used by linguists, evolutionary biologists and anthropologists, as well as general science outlets, including *Nature*.

Xiufeng Liu

Department of Learning and Instruction

A leading expert on science education, Xiufeng Liu, PhD, is known widely for his scholarship in measurement and evaluation. A remarkably prolific scholar, he has authored 64 peer-reviewed articles and 31 book chapters, written or edited 10 books, and been principal or co-principal investigator on 22 grants totaling more than \$21 million. Dr. Liu has served as associate editor or editorial board member for nine journals, including the *Journal of Research in Science Teaching*, the premier journal in science education.

Amanda B. Nickerson

Department of Counseling, School and Educational Psychology

A fellow of the American Psychological Association, Amanda Nickerson, PhD, is a leading expert on school crisis prevention and intervention, with an emphasis on violence and bullying. A prolific author, she has published five books, 60 refereed journal articles, 25 book chapters, and numerous publications for practitioners. She has directed UB's Alberti Center for Bullying Abuse Prevention since its 2011 inception, building its national and state presence and impact and establishing UB as a leader in bullying research and education.

Abani K. Patra

Department of Mechanical and Aerospace Engineering

A global thought-leader in computational science and fellow of the U.S. Association for Computational Mechanics, Abani Patra, PhD, focuses his research on the development of cyber tools and services to support scientific discovery. Among his foundational contributions are his creation of tools for model based hazard analysis and uncertainty quantification methods, and his developments in adaptive mesh refinement and large-scale computing. In addition, he has been a leader in developing UB's computational and data-enabled science and engineering degree programs.

Robert Zivadinov

Department of Neurology

A fellow of both the American and European academies of neurology, Robert Zivadinov, MD, PhD, is devoted to extending the boundaries of knowledge about neurological disorders through innovative imaging and bioinformatics techniques. He directs the world-renowned Buffalo Neuroimaging Analysis Center and the CTSI Center for Biomedical Imaging. An enormously productive scholar with over 400 peer-reviewed publications and a leader in his field, he has received many awards, including the prestigious Gold Medal Award from the International Society of Neurovascular Disease.



UB Distinguished Professor

Hui Meng

Department of Mechanical and Aerospace Engineering

A fellow of the American Institute for Medical and Biological Engineering and American Society of Mechanical Engineers, Hui Meng, PhD, is an internationally renowned leader in two distinct fields: neurovascular hemodynamics and experimental fluid mechanics. Her significant contributions have led to advancements in understanding, diagnostics and endovascular treatment of brain aneurysms; in biofluid mechanics as related to vascular diseases; and in holographic measurement of particle-laden turbulent flows. Dr. Meng's innovative research has been funded by more than \$19 million in grants and she has received numerous recognitions, including the prestigious Alfred P. Sloan Foundation Fellowship and National Science Foundation CAREER Award.

SUNY Chancellor's Awards for Excellence

SUNY CHANCELLOR'S AWARD FOR EXCELLENCE IN CLASSIFIED SERVICE

Terri Nusstein

School of Engineering and Applied Sciences

Terri Nusstein, secretary in the Office of the Dean, has been a valued School of Engineering and Applied Sciences staff member since 1992. Tasked with processing financial documents, Ms. Nusstein is credited with creating a system to record and provide on-demand balances for faculty start-up allocations. In her role, she is praised for her work with faculty, staff and students to ensure that everyone understands the school's financial processes and requirements. She is a valuable resource for the school's large international student population, ensuring that students submit important financial forms to receive the support they are promised.

SUNY CHANCELLOR'S AWARD FOR EXCELLENCE IN PROFESSIONAL SERVICE

Rebecca Brierley

School of Pharmacy and Pharmaceutical Sciences

As assistant dean for external affairs and director of communications and alumni relations for the School of Pharmacy and Pharmaceutical Sciences, Rebecca Brierley helps execute the school's strategic planning, partnership outreach and policy development efforts. She diligently works to successfully position her school through key initiatives within the school and university and with external partners. Excelling in her role as a primary liaison with alumni, Ms. Brierley also manages the school's external communications. Highly regarded nationally by her peers, she was recently elected chair-elect of the Administrative Services Section of the American Association of Colleges of Pharmacy.

Elizabeth Lidano

Student Conduct and Advocacy

Director of the Office of Student Conduct and Advocacy since 2003, Elizabeth Lidano is lauded for approaching her position with the highest integrity. She and her team demonstrate great compassion in administering the campus judicial system, responding to students of concern, and working with families and students in crisis. Ms. Lidano has led her office through many changes including meeting requirements of the Enough is Enough legislation and addressing the increasing needs of students struggling with mental health issues. A resource to numerous offices, she works with faculty and staff to solve complex problems relating to student behavior issues.

SUNY CHANCELLOR'S AWARD FOR EXCELLENCE IN TEACHING

Gail Radford

Department of History

Professor in the Department of History, Gail Radford, PhD, is revered as a teacher and mentor. Dr. Radford is praised by her colleagues for creating an academically challenging classroom atmosphere that encourages discussion, active learning and a group spirit of inquiry. Convinced that college can foster a wide range of self-development, Dr. Radford modified her department's graduation ceremonies to recognize achievements of all kinds for each student. As director of the master's program, and previously director of the undergraduate program, she has worked to further strengthen the already robust culture of teaching in her department.

David F. Watson

Department of Chemistry

David Watson, PhD, professor and chair in the Department of Chemistry, is renowned for his pedagogical excellence in teaching undergraduate and graduate courses in general and inorganic chemistry, his mentorship of students on campus and educators in the community, and his leadership within his department and across the university. In his lab, he has mentored 11 PhD students, all of whom have secured excellent positions in industry or academia, five master's students and 32 undergraduates. Dr. Watson also promotes STEM activities in Buffalo schools and Western New York through his work with the Interdisciplinary Science and Engineering Partnership.



SUNY CHANCELLOR'S AWARD FOR EXCELLENCE IN SCHOLARSHIP AND CREATIVE ACTIVITIES

Jochen Autschbach

Department of Chemistry

Jochen Autschbach, Dr. rer. nat., professor in the Department of Chemistry, is a world-renowned theoretical chemist, particularly in the fields of nuclear magnetic resonance and optical activity. Dr. Autschbach has achieved a remarkable level of scholarly productivity, with more than 285 research articles and book chapters that have garnered over 12,000 citations. In addition, he has delivered over 100 invited talks at national and international conferences and universities. In recognition of his scholarly achievements, Dr. Autschbach received a National Science Foundation CAREER Award in 2005 and has held visiting professorships at the universities of Rennes and Toulouse (France) and ETH Zurich (Switzerland).

Laurie K. Read

Department of Microbiology and Immunology

Professor in the Department of Microbiology and Immunology, Laurie Read, PhD, is an international leader in the fields of parasitology and microbiology who studies trypanosome cell and molecular biology. Her research is focused primarily on RNA processing in the parasite that causes African sleeping sickness, *Trypanosoma brucei*, to develop new drug treatments. Dr. Read's research has been continuously funded by the National Institutes of Health (NIH) since 1996. A highly productive scholar, she has published 73 peer-reviewed papers, many in top-ranked journals in her field. She has also served as a full member on two NIH study sections.

Kui Ren

Department of Computer Science and Engineering

Fellow of the Institute of Electrical and Electronics Engineers and SUNY Empire Innovation Professor in the Department of Computer Science and Engineering, Kui Ren, PhD, is a global leader in the field of computer and information security and privacy. He is renowned for his pioneering research contributions in secure cloud data storage and computation and wireless security. A remarkably prolific scholar, Dr. Ren has 213 peer-reviewed publications, which have garnered nearly 25,000 citations to date. His research has been supported by numerous private and public funding agencies, including the National Science Foundation and U.S. Department of Energy.

Gil I. Wolfe

Department of Neurology

Fellow of the American Academy of Neurology and American Neurological Association, Gil Wolfe, MD, is UB Distinguished Professor and Irvin and Rosemary Smith Chair of Neurology. Dr. Wolfe's research in neuromuscular medicine primarily focuses on myasthenia gravis, other disorders of neuromuscular transmission and peripheral neuropathies. Performing electromyography and nerve conduction studies, Dr. Wolfe also monitors intraoperative evoked potentials for spine surgeries. His research has been supported by the National Institutes of Health, U.S. Food and Drug Administration and Muscular Dystrophy Association. In 2015, Dr. Wolfe was named Doctor of the Year by the Myasthenia Gravis Foundation of America.

SUNY Distinguished Ranks

SUNY DISTINGUISHED PROFESSOR

Stelios Andreadis

Department of Chemical and Biological Engineering

A fellow of the Biomedical Engineering Society and the College of Fellows of the American Institute for Medical and Biological Engineering, Stelios Andreadis, PhD, is professor and chair of the Department of Chemical and Biological Engineering. An international leader in the field of biological engineering, Dr. Andreadis' impact spans the spectrum from fundamental to translational research with emphases on stem cell engineering, tissue engineering and regeneration, molecular design of biomaterials, protein and gene delivery, and lentiviral arrays for monitoring of stem cell differentiation and reprogramming. In particular, he is recognized for his contributions to cardiovascular tissue engineering and stem cell engineering. These research advances place Dr. Andreadis at the forefront of worldwide efforts to use tissue engineering approaches for the treatment of cardiovascular disease, and they also have significant implications in the fields of aging, use of stem cells in regenerative medicine and development of cell therapies for neurogenic diseases.

Steven J. Fliesler

Department of Ophthalmology

Steven J. Fliesler, PhD, is the Meyer H. Riwchun Endowed Chair Professor of Ophthalmology and UB Distinguished Professor. The former president of the International Society for Eye Research and current president of the Association for Research in Vision and Ophthalmology—the world's premier eye research association—Dr. Fliesler is an internationally renowned and highly sought-out expert in the field of vision science. Dr. Fliesler's research focuses on the retina and pathologies that affect vision. He is the world's leading expert on cholesterol metabolism in the retina and its relationship to a wide range of diseases including, notably, the rare genetic disorder, Smith-Lemli-Opitz syndrome (SLOS). A groundbreaking researcher, Dr. Fliesler was first to invoke disturbed cholesterol metabolism in the retina as a disease mechanism and to develop a successful animal model for SLOS. His seminal contributions have been crucial to our understanding of retinal health and pathology, and have far-reaching implications for patient treatment.



Andrew S. Whittaker

Department of Civil, Structural and Environmental Engineering

A fellow of the American Society of Civil Engineers, Structural Engineering Institute and American Concrete Institute, Andrew Whittaker, PhD, professor in the Department of Civil, Structural and Environmental Engineering, is an internationally renowned structural engineer who has made fundamental contributions across a range of fields, including performance-based earthquake engineering, seismic probabilistic risk assessment and blast and impact engineering. Dr. Whittaker's research and contributions are widely used to develop guidelines and codes and, as a result, have had a tremendous impact on his discipline and significantly improved how we protect structures from natural and man-made disasters. A longstanding leader in the earthquake and blast engineering communities, Dr. Whittaker served for seven years as president of the Consortium of Universities for Research in Earthquake Engineering. His work has been recognized with numerous awards and honors, including the prestigious Walter P. Moore and Stephen D. Bechtel Energy awards from the American Society of Civil Engineers.

Zhen Yan

Department of Physiology and Biophysics

One of the leading molecular and cellular neurobiologists of her generation, Zhen Yan, PhD, professor in the Department of Physiology and Biophysics, has received global recognition for her groundbreaking advances in delineating pathophysiological mechanisms underlying brain disorders such as autism, schizophrenia, and Alzheimer's disease. Establishing herself as a preeminent, innovative experimental neurophysiologist, Dr. Yan has made numerous seminal discoveries investigating the mechanisms by which chronic stress underlies cognitive deficits and depressive behaviors, and major recent findings on epigenetics-based treatment strategies for synaptic and behavioral deficits in autism and Alzheimer's. An extraordinarily prolific and well-cited scholar, Dr. Yan has more than 130 publications in very high impact journals, which have garnered more than 12,000 citations to date, and her research has been continuously funded with more than 20 grants totaling nearly \$18 million from the National Institutes of Health, Brain and Behavior Research Foundation, National Science Foundation, and private foundations.

SUNY DISTINGUISHED TEACHING PROFESSOR

Christopher S. Cohan

Department of Pathology and Anatomical Sciences

Christopher Cohan, PhD, professor in the Department of Pathology and Anatomical Sciences, is a teacher and researcher in neuroscience with a more than 30-year history of excellence in graduate education, medical and dental education, and post-doctoral training. In addition, he serves as director of UB's unique Brain Museum, which provides hands-on learning opportunities for students and researchers from UB and around the world. Dr. Cohan uses innovative and integrative approaches to education and has continuously improved his already outstanding skills as a teacher. He employs a cross-disciplinary approach to deepen student learning and interactive exercises attuned to individual learning styles. A pioneer in digital and online learning, he has long used digital methods to create multiple paths for student engagement. Widely renowned as an extraordinary educator, Dr. Cohan has received the SUNY Chancellor's Award for Excellence in Teaching and many student-nominated honors, including the Louis and Ruth Siegel Award, which he has received seven times.

SUNY DISTINGUISHED SERVICE PROFESSOR

Ezra B.W. Zubrow

Department of Anthropology

A fellow of the Society of Antiquaries of London, and Lady Beaufort Visiting Professor and two-time Yip Fellow at the University of Cambridge, Ezra Zubrow, PhD, has achieved remarkable distinction through his research and service contributions. Held in the highest regard by his peers, Dr. Zubrow is credited with fundamentally changing the field of archaeology through his work in demographic anthropology, quantitative approaches, geographic information systems and cognitive archaeology. He has run more than 50 field expeditions around the world and was a leader in the establishment of UB's National Center for Geographic Information and Analysis in 1988. An engaged researcher, he has been particularly active in research and advocacy related to climate change and disability rights. Dr. Zubrow's leadership roles within UB, SUNY and United University Professions (UUP) – including serving as chair of UB's Faculty Senate and president of the Buffalo Chapter of UUP – have promoted shared governance, faculty advancement, academic freedom, equity and excellence.



Sampling of National and International Faculty Awards and Recognitions: 2017-18

Thikriat Al-Jewair

[Orthodontics](#)

Robert E. Binder Teaching Fellowship Award
American Association of Orthodontists

Kyle Arnoldi-Jolley

[Ophthalmology](#)

Scobee Award for Excellence in Orthoptic Teaching
American Association of Certified Orthoptists

Yongho Bae

[Pathology and Anatomical Sciences](#)

Career Development Award
American Heart Association

Melissa Beckman

[Surgery](#)

Graduate Medical Education Program Coordinator
Excellence Award
Accreditation Council for Graduate Medical Education

Michelle A. Benson-Saxton

[Political Science](#)

Fellow
Folke Bernadotte Academy, Sweden

Henry Berlin

[Romance Languages and Literatures](#)

Visiting Scholar
Institute of Medieval Studies, Universidade Nova de Lisboa, Portugal

Ann M. Bisantz

[Industrial and Systems Engineering](#)

Paul M. Fitts Education Award
Human Factors and Ergonomics Society

Javier G. Blanco

[Pharmaceutical Sciences](#)

Medal of Honor
Argentine Society of Genetics

Albert Cantos

[Oral Diagnostic Sciences](#)

Fellowship in Geriatrics
Special Care Dentistry Association

Kee Chung

[Finance](#)

Eminent Scholar Award
Financial News and Korea-America Finance Association

Jessica Clemons

[University Libraries](#)

Leadership Fellow
Association of Research Libraries

Neil Coffee

[Classics](#)

Digital Humanities Advancement Grant
National Endowment for the Humanities

Christopher J. Daly

[Pharmacy Practice](#)

Excellence in Innovation Award
National Alliance of State Pharmacy Associations

Stephanie Davidson

[Architecture](#)

Emerging Voices Award
Architectural League of New York

Stephanie Davidson

[Architecture](#)

Winner in Residential Architecture: Single Family
People's Choice Award
AZ Awards for Design Excellence

Charles Davis

[Architecture](#)

Research and Development Grant
Graham Foundation for Advanced Studies in the Fine Arts

Susan Davis

[University Libraries](#)

Ulrich's Serials Librarianship Award
American Library Association, Association for Library Collections and Technical Services

Margarita L. Dubocovich

[Pharmacology and Toxicology](#)

Dolores Shockley Minority Mentoring Award
American College of Neuropsychopharmacology

Isaac Ehrlich

[Finance](#)

Research Fellowship
Residency
Asian Development Bank Institute, Tokyo, Japan

David M. Engel

[Law](#)

Distinguished Visiting Professor
National Chengchi University College of Law, Taiwan

Gregory A. Fabiano

[Counseling, School and Educational Psychology](#)

Fellow
American Psychological Association

Edward P. Furlani

[Chemical and Biological Engineering](#)

Fellow
National Academy of Inventors

Nicholas M. Fusco

[Pharmacy Practice](#)

Christensen Memorial Young Investigator Award
Pediatric Pharmacy Advocacy Group

Shira Gabriel

[Psychology](#)

Fellow
Society for Personality and Social Psychology

Kristin Gaaney

[Psychology](#)

Distinguished Scientific Award for an Early Career
Contribution to Psychology
American Psychological Association

Amit Goyal

[Chemical and Biological Engineering](#)

Member
National Academy of Engineering

Melanie C. Green

[Communication](#)

Fellow
Society for Personality and Social Psychology

Sarah Gunawan

[Architecture](#)

Next Generation Prize
LafargeHolcim Foundation Awards

Johannes Hachmann

[Chemical and Biological Engineering](#)

CAREER Award
National Science Foundation

Walter N. Hakala

[English](#)

Senior Fellowship
American Institute of Iranian Studies

Walter N. Hakala

[English](#)

Bernard S. Cohn Book Prize Honorable Mention
Association for Asian Studies

Carolyn Higbie

[Classics](#)

Runciman Book Award Honorable Mention
Anglo-Hellenic League

David W. Hojnacki

[Neurology](#)

Fellow
American Academy of Neurology



Christopher Hollister

[University Libraries](#)

Harold Lancour Scholarship for Foreign Study
Beta Phi Mu International Honor Society

Joshua T. Hutter

[Restorative Dentistry](#)

Fellow

International College of Dentists

Stephen L. Jacobson

[Educational Leadership and Policy](#)

Fulbright Fellowship

Bureau of Educational and Cultural Affairs

Josep M. Jornet

[Electrical Engineering](#)

NanoCom Outstanding Milestone Award

Association for Computing Machinery

William J. Jusko

[Pharmaceutical Sciences](#)

Oscar B. Hunter Career Award in Therapeutics

American Society for Clinical Pharmacology and Therapeutics

David L. Kaye

[Psychiatry](#)

Norbert and Charlotte Rieger Service Program

Award for Excellence

American Academy of Child and Adolescent

Psychiatry

David L. Kaye

[Psychiatry](#)

Psychiatric Services Bronze Achievement Award

American Psychiatric Association

Erin Kearney

[Learning and Instruction](#)

Kenneth W. Mildener Prize

Modern Language Association

Coryn Kempster

[Architecture](#)

League Prize

Architectural League of New York

Oliver Kennedy

[Computer Science and Engineering](#)

CAREER Award

National Science Foundation

Lynn T. Kozlowski

[Community Health and Health Behavior](#)

Fellow

Society for Research on Nicotine and Tobacco

Laura Kraning

[Media Study](#)

Jury Award for Short Film

Rencontres Internationales Sciences & Cinémas Film Festival

Jeffrey M. Lackner

[Medicine](#)

Governor's Award for Excellence in Clinical Research

American College of Gastroenterology

Jaekyung Lee

[Counseling, School and Educational Psychology](#)

Richard P. Nathan Public Policy Fellow

Nelson A. Rockefeller Institute of Government

Kemper E. Lewis

[Mechanical and Aerospace Engineering](#)

Design Automation Award

American Society of Mechanical Engineers

Donald E. Mager

[Pharmaceutical Sciences](#)

Fellow

American Association for the Advancement of Science

Donald E. Mager

Pharmaceutical Sciences

Fellow

American Association of Pharmaceutical Scientists

Donald E. Mager

Pharmaceutical Sciences

Fellow

Innovation Award

International Society of Pharmacometrics

Harish Malhotra

Radiation Oncology

Educator of the Year Award

Association of Residents in Radiation Oncology

Marianthi Markatou

Biostatistics

Greek Diaspora Fellowship

Institute of International Education

Fulbright Foundation in Greece

Calvin J. Meaney

Pharmacy Practice

New Investigator Award

American Association of Colleges of Pharmacy

Hui Meng

Mechanical and Aerospace Engineering

Fellow

American Society of Mechanical Engineers

Elizabeth G. Mietlicki-Baase

Exercise and Nutrition Sciences

Young Investigator Grant

Brain and Behavior Research Foundation

Cristanne Miller

English

Prize for a Scholarly Edition

Modern Language Association

Christina Milletti

English

Juniper Prize for Fiction

University of Massachusetts Press

Brenda L. Moore

Sociology

Visiting Scholar Fellowship Award

Office of Naval Research

Juliane Nguyen

Pharmaceutical Sciences

CAREER Award

National Science Foundation

Amanda B. Nickerson

Counseling, School and Educational Psychology

Catalyst Scholar

Society for the Study of School Psychology

Richard Ohrbach

Oral Diagnostic Sciences

Doctorate of Odontology honoris causa

Malmö University, Sweden

Lora Park

Psychology

Fellow

Society for Personality and Social Psychology

Stephen Paskey

Law

Penny Pether Award for Law and Language

Scholarship

William S. Boyd School of Law, University of Nevada, Las Vegas

Blaine Pfeifer

Chemical and Biological Engineering

Fellow

American Institute for Medical and Biological Engineering



Peter Pfordresher

[Psychology](#)

Research Chair in Brain, Language and Music
Fulbright Canada

Paras N. Prasad

[Chemistry](#)

Peter Debye Award in Physical Chemistry
American Chemical Society

Paras N. Prasad

[Chemistry](#)

Honorary Doctorate
Federal University of Pernambuco, Brazil

Paras N. Prasad

[Chemistry](#)

Fellow
Institute of Electrical and Electronics Engineers

Georg Rafailidis

[Architecture](#)

Emerging Voices Award
Architectural League of New York

Georg Rafailidis

[Architecture](#)

Winner in Residential Architecture: Single Family
People's Choice Award
AZ Awards for Design Excellence

Rahul Rai

[Mechanical and Aerospace Engineering](#)

Young Engineer Award
*American Society of Mechanical Engineers,
Computers and Information in Engineering Division*

Deborah A. Raines

[Nursing](#)

Fellow
American Academy of Nursing

Melissa L. Rayhill

[Neurology](#)

Fellow
American Headache Society

Jennifer Read

[Psychology](#)

Award for Outstanding Contribution by an Individual
for Research Activities
Association for Behavioral and Cognitive Therapies

Kui Ren

[Computer Science and Engineering](#)

Distinguished Member
Association for Computing Machinery

Stephen Rudin

[Radiology](#)

Fellow
*SPIE, the International Society for Optics and
Photonics*

Teri Rueb

[Media Study](#)

Residency
Ucross Foundation

Surajit Sen

[Physics](#)

Hind Rattan Award
NRI Welfare Society of India

Jung-Hun Seo

[Materials Design and Innovation](#)

Young Investigator Grant
*Korean-American Scientists and Engineers
Association*

Jongmin Shim

[Civil, Structural and Environmental Engineering](#)

Best of Design Award for Research
Architect's Newspaper

Kevin T. Smiley

[Sociology](#)

Early-Career Research Fellowship
*National Academies of Sciences, Engineering, and
Medicine Gulf Research Program*

Beth A. Smith

[Psychiatry](#)

Carolyn and C. Richard Mattingly Leadership in
Mental Health Care Award
Cystic Fibrosis Foundation

Jin Young Song

[Architecture](#)

Best of Design Award for Research
Architect's Newspaper

Jin Young Song

[Architecture](#)

iF Design Award
iF International Forum Design

Jin Young Song

[Architecture](#)

First Place
*International Union of Architects Self-Evolving City
Competition*

Christopher St. Vil

[Social Work](#)

New Connections Grant
Robert Wood Johnson Foundation

Despina Stratigakos

[Architecture](#)

Research and Development Grant
*Graham Foundation for Advanced Studies in the
Fine Arts*

Weifeng Su

[Electrical Engineering](#)

Fellow
Institute of Electrical and Electronics Engineers

Henry Louis Taylor, Jr.

[Urban and Regional Planning](#)

Marilyn J. Gittell Activist Scholar Award
Urban Affairs Association

Warren H. Thomas

[Industrial and Systems Engineering](#)

Fellow Award
Institute of Industrial and Systems Engineers

Tamara Plakins Thornton

[History](#)

Peter J. Gomes Memorial Book Prize
Massachusetts Historical Society

Thomas G. Thundat

[Chemical and Biological Engineering](#)

Fellow
*American Institute for Medical and Biological
Engineering*

Stephen T. Tiffany

[Psychology](#)

Fellow
Society for Research on Nicotine and Tobacco

Kris Tjaden

[Communicative Disorders and Sciences](#)

Fellow
American Speech-Language-Hearing Association

Camilo D. Trumper

[History](#)

Best Book Award
*Latin American Studies Association, Historia
Reciente y Memoria Section*

Camilo D. Trumper

[History](#)

Marysa Navarro Best Book Prize
New England Council of Latin American Studies



Camilo D. Trumper

History

Murdo J. MacLeod Book Prize Honorable Mention
Southern Historical Association

Luis Velarde

Chemistry

CAREER Award
National Science Foundation

Robert G. Wahler

Pharmacy Practice

Fellow
American Society of Consultant Pharmacists

Hilary Weaver

Social Work

American Indian Elder Award
Indigenous and Tribal Social Work Educators' Association

Bianca Weinstock-Guttman

Neurology

Impact Award
National Multiple Sclerosis Society

Ciaran Williams

Physics

CAREER Award
National Science Foundation

Adam Wilson

Geography

Thematic Award for Climate Mitigation
United Nations Global Pulse's Data for Climate Action Challenge

Roger D. Woodard

Classics

Fellow
Center for Hellenic Studies, Harvard University

Chunchi Wu

Finance

Distinguished Finance Scholar
National Taiwan University

Jinting Wu

Educational Leadership and Policy

Early Career Award
American Educational Research Association, Critical Issues in Curriculum and Cultural Studies

Jinting Wu

Educational Leadership and Policy

Outstanding Book Recognition Award
American Educational Research Association, Division B

Jinting Wu

Educational Leadership and Policy

Outstanding Book Award
Society of Professors of Education

Teng Wu

Civil, Structural and Environmental Engineering

IABSE Prize
International Association for Bridge and Structural Engineering

Tingxi Wu

Orthodontics

Robert M. Ricketts Sunflower Orthodontics
Fellowship Award
American Association of Orthodontists

Junsong Yuan

Computer Science and Engineering

Fellow
International Association of Pattern Recognition

Aidong Zhang

Computer Science and Engineering

Fellow
Association for Computing Machinery

Jun Zhuang

Industrial and Systems Engineering

Koopman Prize

*Institute for Operations Research and the
Management Sciences*

Lukasz Ziarek

Computer Science and Engineering

CAREER Award

National Science Foundation

Robert Zivadinov

Neurology

Gold Medal Award

International Society for Neurovascular Disease



Promoted and/or Tenured Faculty: 2017-18

David M. Alff, Associate Professor
English

Daniel Antonius, Associate Professor
Psychiatry

Francine Battaglia, Professor
Mechanical and Aerospace Engineering

Javid Bayandor, Associate Professor
Mechanical and Aerospace Engineering

Robert R. Bies, Associate Professor
Pharmaceutical Sciences

Rachael Hageman Blair, Associate Professor
Biostatistics

Jürgen Bohnemeyer, Professor
Linguistics

Carrie T. Bramen, Professor
English

Richard W. Browne, Professor
Biotechnical and Clinical Laboratory Sciences

Lora Cavuoto, Associate Professor
Industrial and Systems Engineering

Catherine P. Cook-Cottone, Professor
Counseling, School and Educational Psychology

Kenneth G. DeMarree, Associate Professor
Psychology

Katharina Dittmar, Professor
Biological Sciences

Mark T. Ehrensberger, Associate Professor
Biomedical Engineering

Ehsan Tarkesh Esfahani, Associate Professor
Mechanical and Aerospace Engineering

Veljko N. Fotak, Associate Professor
Finance

Jaume Franquesa, Associate Professor
Anthropology

Sambandamurthy Ganapathy, Professor
Physics

Judith E. Goldman, Associate Professor
English

Jeffrey C. Good, Professor
Linguistics

Melanie C. Green, Professor
Communication

Kim S. Griswold, Professor
Family Medicine

Andrew M. Gulick, Associate Professor
Structural Biology

Elaine M. Haase, Research Professor
Oral Biology

Qing He, Associate Professor
Industrial and Systems Engineering

Steven N. Hochwald, Professor
Surgery

Zhanpeng Jin, Associate Professor
Computer Science and Engineering

Kristina M. Johnson, Professor
Electrical Engineering

Carla R. Jungquist, Associate Professor
Nursing

Isok Kim, Associate Professor
Social Work

Frederick Klaitz, Associate Professor
Anthropology

Matthew Knepley, Associate Professor
Computer Science and Engineering

Katarzyna Kordas, Associate Professor
Epidemiology and Environmental Health

Lynne M. Koscielniak, Professor
Theatre and Dance

Richard L. Lamb, Associate Professor
Learning and Instruction

Michael Langberg, Professor
Electrical Engineering

Haiqing Lin, Associate Professor
Chemical and Biological Engineering

Paul Meyer, Associate Professor
Psychology

Kristen R. Moore, Associate Professor
Engineering Education

Ryan P. Muldoon, Associate Professor
Philosophy

Mark A. Nathan, Associate Professor
History

Jacob Neiheisel, Associate Professor
Political Science

Alexander Nikolaev, Associate Professor
Industrial and Systems Engineering

Kwang W. Oh, Professor
Electrical Engineering

Pablo M. Paez, Associate Professor
Pharmacology and Toxicology

Molly D. Poremski, Associate Librarian
University Libraries

Lewis M. Powell, Associate Professor
Philosophy

Eric D. Pritchard, Associate Professor
English

Jun Qu, Professor
Pharmaceutical Sciences

Neel D. Rao, Associate Professor
Economics

Shenqiang Ren, Professor
Mechanical and Aerospace Engineering

Suzanne N. Rosenblith, Professor
Educational Leadership and Policy

Dhaval K. Shah, Associate Professor
Pharmaceutical Sciences

Ji-Won Son, Associate Professor
Learning and Instruction

Elizabeth M. Stellrecht, Associate Librarian
University Libraries

Weifeng Su, Professor
Electrical Engineering

Zhi Sun, Associate Professor
Electrical Engineering

Kazuaki Takabe, Professor
Surgery

Thomas G. Thundat, Professor
Chemical and Biological Engineering

Brian T. Tsuji, Professor
Pharmacy Practice

Amy VanScoy, Associate Professor
Library and Information Studies

Grace Wang, Professor
Materials Design and Innovation

Gang Wu, Associate Professor
Chemical and Biological Engineering

Wenyao Xu, Associate Professor
Computer Science and Engineering

Matthew A. Xu-Friedman, Professor
Biological Sciences

Leslie Ying, Professor
Biomedical Engineering

Junsong Yuan, Associate Professor
Computer Science and Engineering

Sarah X. Zhang, Professor
Ophthalmology

Xiaoliang Zhang, Professor
Biomedical Engineering



ON THE COVER: An iconic building in the Georgian Revival style, the monumental Crosby Hall was initially designed for the School of Management before the latter moved to the North Campus in 1985. Beautifying the South Campus with its cream-colored, rusticated limestone walls—and capped by an elaborate crown—Crosby Hall serves as the School of Architecture and Planning's primary facility for undergraduate studio space and critique rooms.