



FOURTEENTH ANNUAL

Celebration of Faculty and Staff Academic Excellence

THURSDAY, OCT. 26, 2017 | SLEE HALL



University at Buffalo
The State University of New York



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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 Excellence in Graduate Student Mentoring Award

Graham L. Hammill
*Vice Provost for Graduate Education and Dean of
the Graduate School;
Interim Dean of Undergraduate Education*

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

Graham L. Hammill

UB Teaching Innovation Award

UB Exceptional Scholars

Young Investigator Award

Sustained Achievement Award

UB Distinguished Professor

Celebration of Faculty and Staff Academic Excellence

2017

Viewing: Excerpt from “Sing for Me” (2015)

Sama Waham: Filmmaker

Visiting Assistant Professor, Department of Media Study

SUNY Chancellor’s Awards for Excellence in:

Classified Service

Laura E. Hubbard

Vice President for Finance and Administration

Professional Service

Laura E. Hubbard

Faculty Service

Teaching

Scholarship and Creative Activities

SUNY Distinguished Professor

Daniel J. Kosman

SUNY Distinguished Professor, Department of Biochemistry

Closing Remarks

Charles F. Zukoski

*Provost and Executive Vice President for
Academic Affairs*

ABOUT “SING FOR ME”

“Sing for Me” (2015) is a poetic documentary that contemplates the notion of belonging, connecting with heritage and inherited nostalgia, while investigating the viewpoint of fractured diasporic identities and ethnic solidarity. The film travels through shared family memory, a collage of stories and archival footage that provide a glimpse of Iraq’s modern history and its defeated dreams of a modern and just society. The journey is guided by a familiar voice from the past, found on an old audiotape, to a new exposition of ‘home’.



50 Years of Service to UB

Angela M. Brucklier

University Libraries

Carl Dennis

Department of English

Jeremy D. Finn

Department of Counseling, School and Educational Psychology

Thomas Donald Flanagan

Department of Microbiology and Immunology

Shigeji Fujita

Department of Physics

Chester A. Glomski

Department of Pathology and Anatomical Sciences

Evelyn Hufford

University Libraries

William R. Kinkel

Department of Neurology

Stephen G. Margolis

Department of Electrical Engineering

John Peradotto

Department of Classics

Gerald R. Rising

Department of Learning and Instruction

Royal Roussel

Department of Media Study

Bonita M. Ryan

Government and Community Relations

Robert J. Schuder

Department of Anesthesiology

A.T. Steegmann, Jr.

Department of Anthropology

Kenton Stewart

Department of Biological Sciences

Max A. Wickert

Department of English

UB Excellence in Graduate Student Mentoring Award

Venu Govindaraju

Department of Computer Science and Engineering

SUNY Distinguished Professor and vice president for research and economic development, Venu Govindaraju, PhD, is an internationally renowned expert in machine learning, pattern recognition and biometrics. He has been principal or co-principal investigator on nearly \$70 million in research funding, and has more than 425 refereed publications. An exceptional mentor who actively supports and encourages students' scholarly and professional development, Dr. Govindaraju has supervised numerous master's students and 37 PhD students who now hold positions at top universities and companies around the world.

Jennifer Read

Department of Psychology

A UB faculty member since 2003, Jennifer Read, PhD, focuses her research on the factors that influence substance misuse, including trauma and post-traumatic stress, personality, affective state, cognitions and social influences. An excellent mentor, she is dedicated to promoting students' professional development, partnering with them on publications, encouraging them to seek funding, and inviting them to participate at conferences. In 2017, Dr. Read was recognized for her graduate mentoring with an Association for Behavioral and Cognitive Therapies' "Spotlight on Mentors."

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

Martha C. Bohm

Department of Architecture

Architecture assistant professor and UB RENEW member, Martha Bohm, MArch, focuses her research and teaching on developing buildings and communities that have minimal environmental impacts. She was faculty lead for GRoW Home, UB's award-winning entry in the 2015 U.S. Department of Energy's elite Solar Decathlon competition, which took more than 300 students from across the university two+ years to design and build. In addition, Professor Bohm directs Sustainable Futures, a service-learning program in Monteverde, Costa Rica focused on sustainable architecture and planning.

John L. Crassidis

Department of Mechanical and Aerospace Engineering

John Crassidis, PhD, is widely renowned for his research on improving the security of satellites and mitigating the risks posed by space debris. The recipient of prestigious educational awards from the American Institute of Aeronautics and Astronautics and Society of Automotive Engineers, Dr. Crassidis is an exceptional teacher who provides students with transformative experiential learning opportunities. He leads the UB Nanosatellite Lab, through which students design and build satellites for NASA and the U.S. Air Force to monitor space debris.



Walter N. Hakala

Department of English

A nationally recognized scholar of South Asian languages, culture and lexicography, Walter Hakala, PhD, is largely responsible for growing UB undergraduate student interest in visiting and studying Asia. An excellent instructor and mentor, he teaches courses in Asian studies, English and the Honors College, and he was instrumental in developing UB's innovative, interdisciplinary Asian studies program. Dr. Hakala provides extensive support for students preparing travel grant and fellowship applications, which has led to a notable increase in prestigious national awards.

UB Teaching Innovation Award

Alexander Nikolaev

Department of Industrial and Systems Engineering

Alexander Nikolaev, PhD, is a dedicated and innovative teacher whose groundbreaking Crowdlearning method enables students to be active participants in their learning by building problem banks for academic subjects. A socio-technical collaborative learning paradigm, Crowdlearning allows students to act as creators of subject-focused problems, evaluators of problem quality and problem solvers. Dr. Nikolaev has used this technology in several of his classes and secured three grants to support his Crowdlearning research, including a 2016 top-tier SUNY Innovative Instruction Technology Grant.

Jessica Poulin

Department of Biological Sciences

Jessica Poulin, PhD, is an exceptional teacher whose academic innovations have had an enormous impact on her department's curriculum and students. She played a leading role in developing Pop!World, a virtual learning environment that is the centerpiece of the BIO 200: Evolutionary Biology lab. Pop!World has attracted national attention and garnered top ratings from external peers at the Open Educational Resources Commons. She also completely redeveloped the BIO 200 course lecture and labs, and revitalized and now directs the department's honor's program.

Lukasz Ziarek

Department of Computer Science and Engineering

Recipient of the School of Engineering and Applied Sciences Early Career Teacher of the Year Award, Lukasz Ziarek, PhD, is an excellent teacher, renowned for his classroom innovations. Among these highly effective innovations are software to enable active learning in large courses and hands-on projects that allow students to transition theory into practice and research. Supported by a Center for Educational Innovation Excite grant, he is working with colleagues to integrate his active learning innovations into the department's introductory programming sequence.

UB Exceptional Scholars

YOUNG INVESTIGATOR AWARD

Ashley Brooke Barr

Department of Sociology

Since joining UB's faculty three years ago, Ashley Barr, PhD, has already established herself as an emerging top scholar in the field of sociology, focusing on the role of family relationships in promoting or undermining health and well-being across the life course. She has published 22 articles in some of the discipline's top-ranked journals. She is currently co-investigator on two grants totaling \$7 million from the National Institute of Child Health and Human Development and the National Institute on Aging.

Walter N. Hakala

Department of English

Walter Hakala, PhD, is an emerging scholar of South Asian languages and culture. His 2016 book, "Negotiating Languages: Urdu, Hindi, and the Definition of Modern South Asia," was published by Columbia University Press as part of the prestigious South Asia Across the Disciplines series and won the Edward Cameron Dimock, Jr. Prize from the American Institute of Indian Studies. He was invited to contribute a chapter on South Asia to the "Cambridge World History of Lexicography," an honor typically reserved for top scholars.



Juliane Nguyen

Department of Pharmaceutical Sciences

With an interdisciplinary background in pharmaceutical sciences and biomedical engineering, Juliane Nguyen, PhD, is a dynamic and innovative researcher who has made an impact on her field. Her research focuses on drug carriers for treating cancer and myocardial infarction. She has discovered biomaterials capable of turning extracellular vesicles into drug carriers. Within her three years at UB, she has received a \$1.58 million National Institutes of Health (NIH) RO1 grant and two NIH R21 grants for the development of novel biomaterials.

Lu Su

Department of Computer Science and Engineering

Lu Su, PhD, has made significant contributions to the emerging field of crowd sensing, which involves collecting sensor data from a large group of participating users' digital devices. He has developed a quality-of-information (QoI) big data integration framework that jointly estimates the QoI of each sensor and aggregates information weighted by the estimated QoI. He is a recipient of a prestigious National Science Foundation CAREER Award, and thus far, he has published over 70 articles that have been cited nearly 1,000 times.

Zhi Sun

Department of Electrical Engineering

Recipient of a prestigious National Science Foundation (NSF) CAREER Award, Zhi Sun, PhD, is an emerging leader in wireless communications and networking in complex environments, such as underground and intra-body networks. Among his noteworthy contributions, he has developed a new communication technique—metamaterial-enhanced magnetic induction—with applications in safety, security and environmental sustainability. He has an outstanding funding and scholarship record for this stage of his career, with three NSF grants and approximately 60 publications, which have been cited more than 1,200 times.

Chi Zhou

Department of Industrial and Systems Engineering

Chi Zhou, PhD, is quickly becoming a leader in additive manufacturing, which involves direct fabrication of a physical object from a computer-aided design model. Since 2012, he has published approximately 60 articles, and his research has garnered extensive national media attention. He has received six outstanding paper awards and the Society of Manufacturing Engineers Outstanding Young Manufacturing Engineer Award. A revolutionary 3-D printed graphene aerogel he developed was recently named “the least dense 3-D printed structure” by GUINNESS WORLD RECORDS.

SUSTAINED ACHIEVEMENT AWARD

Sathy V. Balu-Iyer

Department of Pharmaceutical Sciences

A fellow of the American Association of Pharmaceutical Scientists (AAPS), Sathy Balu-Iyer, PhD, is a nationally recognized pioneer in lipid biochemistry and its foundational role in the immune response. His research has led to over 70 journal articles, eight patents and two companies established to commercialize his work. Among the many awards and honors recognizing his significant contributions are the Niagara Frontier Intellectual Property Law Association Inventor of the Year Award, AAPS Innovation in Biotechnology Award and UB Teaching Innovation Award.

Gino Biondini

Department of Mathematics

Working at the interface between applied mathematics and theoretical physics, Gino Biondini, PhD, has earned international recognition for his significant research accomplishments, spanning several fields including water waves, nonlinear optics and optical fiber communications. He has more than 100 publications and over 100 invited presentations, and his astounding number of collaborators—more than 50—testifies to the breadth of his research and his respect in the community. He has received continuous National Science Foundation support for the past 15 years.

Jian Feng

Department of Physiology and Biophysics

Jian Feng, PhD, is a groundbreaking neuroscientist focused on identifying the cause, novel therapies and a cure for Parkinson's disease. He is an international authority on parkin (a causative gene for Parkinson's) and leader in the emerging stem cell field. Recognized as a top federal grantee and principle investigator at UB, his research is currently supported by nearly \$2.5 million in grants. He has published more than 70 articles in top journals, which have garnered over 10,000 citations (h-index 46).

Kemper E. Lewis

Department of Mechanical and Aerospace Engineering

Fellow of the American Society of Mechanical Engineers (ASME) and co-director of UB's SMART Community of Excellence, Kemper Lewis, PhD, is a renowned expert in engineering design and decision networks. Supported by a total of \$18 million in grants including a prestigious National Science Foundation CAREER Award, his research has led to more than 190 highly cited publications. He served on the National Academies Panel on Benchmarking the Research Competitiveness of the U.S. in Mechanical Engineering and, in 2017, received the ASME Design Automation Award.



Karin Michelson

Department of Linguistics

A linguist recognized as one of the world's experts on Iroquoian languages, Karin Michelson, PhD, is renowned for preserving the Oneida language and culture. She is the author of four books, including her monumental and authoritative Oneida-English dictionary and recently published "Glimpses of Oneida Life," which combines the transcription, translation, glossing and annotation of over sixty stories narrated by Oneida speakers. An engaged scholar, Dr. Michelson regularly consults with members of the Oneida community to help them revive the language.

Blaine Pfeifer

Department of Chemical and Biological Engineering

The research portfolio of Blaine Pfeifer, PhD, includes the production of natural products for therapeutic and environmental applications and design of new vaccine delivery devices. In five years at UB, he has published over 40 articles in high-impact journals, such as the Proceedings of the National Academy of Sciences and Science Advances, and secured approximately \$2 million in grants from the National Science Foundation, National Institutes of Health, Department of Defense, New York State Pollution Prevention Institute and Department of Energy. His translational efforts include a start-up company co-founded and led by a former PhD student.

UB Distinguished Professor

Robert M. Straubinger

Department of Pharmaceutical Sciences

Fellow of the American Association of Pharmaceutical Scientists, Robert Straubinger, PhD, is an internationally recognized leader in cancer drug delivery and therapeutics. His scholarly contributions in nanoparticle drug delivery and proteomics—the study of proteins' role in physiological and pathological processes—have significantly impacted the understanding of, and approach to, treating various cancers. Dr. Straubinger's current research focuses on improving the therapy of pancreatic cancers by targeting both tumor cells and non-cancerous cells within tumors, which improves nanoparticle delivery of chemotherapeutic drugs. His research has led to nearly 100 widely cited publications in high-impact journals and 10 patents.

Gil I. Wolfe

Department of Neurology

A fellow of the American Academy of Neurology and American Neurological Association, Gil Wolfe, MD, is the 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 Chancellor's Awards for Excellence

SUNY CHANCELLOR'S AWARD FOR EXCELLENCE IN CLASSIFIED SERVICE

Laura Palka

Office of the President

Laura Palka, assistant to the chief of staff in the Office of the President, has excelled in her role in the university's highest executive office. In a demanding, fast-paced and administratively complex office, Ms. Palka has demonstrated a command of her discipline and undertakes all of her responsibilities with discretion, professionalism and resourcefulness, as well as with careful thought and discernment. Ms. Palka is held in the highest regard by colleagues for personifying these characteristics throughout her career, which includes 34 years of university service and administrative support for three UB vice presidents.

Jodi Reiner

Department of Linguistics

Jodi Reiner, secretary in the Department of Linguistics, has proven to be indispensable to faculty, staff and students as a result of her diligent and tireless work ethic and her dedication to excellence. Ms. Reiner makes it her priority to be an authoritative voice on the rules and policies of the department's graduate programs and those of the UB Graduate School. Excelling in the performance of her daily responsibilities, Ms. Reiner is widely relied upon by students, faculty and administrators for her institutional and programmatic knowledge and for her ability to find quick solutions to questions or problems.

Cheryl Tubisz

Department of Organization and Human Resources

A UB staff member since 1980, Cheryl Tubisz supports 14 faculty members, along with numerous adjunct faculty and graduate students, in her role as secretary in the Department of Organization and Human Resources. In her day-to-day responsibilities, she provides exemplary service by completing assignments with the highest standard of excellence and professionalism while consistently going above and beyond to help students, colleagues and her school. Held in the highest regard as an invaluable asset to her department and school, Ms. Tubisz is praised for her work ethic, thoughtfulness, service-orientation, creative problem solving and willingness to assist others.

SUNY CHANCELLOR'S AWARD FOR EXCELLENCE IN PROFESSIONAL SERVICE

Gwen Appelbaum

Career Resource Center

As assistant dean and director of the School of Management's Career Resource Center, Gwen Appelbaum manages strategic planning related to graduate and undergraduate recruitment, career development and internship programs for the school. She helps drive school-wide performance as part of leadership committees that address such strategic priorities as MBA admissions, the school's rankings and reputation, leadership development programming and general education capstone curriculum. She recently led the revision of the school's career curriculum, which is now required for all sophomores and juniors, and is expected to dramatically improve students' career readiness.



Laura J. Barnum

Resource Planning

Associate vice president for resource planning, Laura Barnum leads her staff in guiding the university's annual resource planning process and providing senior leadership strategic advice on university and unit finances in relation to investment decisions across the university. Implementing UB's institutional vision for the future of the university, Ms. Barnum helps guide financial best practices and reporting that allow the schools and support units to understand their respective resource status and the role they play in the larger university context. In addition, she has been integral in the development and advancement of SIRI—the Strategic Information Reporting Initiative.

Oscar A. Budde

Immigration Services

Associate vice provost for immigration services and director of immigration services in the Office of International Education, Oscar Budde provides immigration services for foreign nationals employed by UB and the university's Exchange Visitor (J-1) Program. An exceptional practitioner who keeps abreast of ever-changing immigration laws, Mr. Budde provides senior leadership with current, thoroughly researched and carefully reasoned legal guidance on the entire range of immigration matters impacting the institution. Most recently, he prepared a legal brief based on law and precedents that informed a new policy prohibiting immigrant status checks during routine traffic stops by University Police.

Katharine P. Darling

Academic Services

As associate dean for academic services in the Graduate School, Katharine Darling is principally responsible for supporting graduate and professional program development—from initial concept to approval by SUNY and the state education department—and for assisting the dean of the Graduate School with comprehensive program reviews and assessment. Among Ms. Darling's major achievements has been her leadership role in the Student System Transformation (SST/HUB) project and implementation of the PeopleSoft Campus Solutions software package, for which she wrote a 35,000-word training manual and coordinated the training of more than 750 staff members.

Christa M. Greenberg

Department of Psychology

As the coordinator of undergraduate studies and senior academic advisor for the undergraduate program in the Department of Psychology, Christa Greenberg is responsible for the day-to-day operations of her department's massive undergraduate program—the largest single-department major at UB, with nearly 1,370 undergraduate majors (as of 2017)—and for coordinating the psychology program at the Singapore Institute of Management, which currently has more than 500 majors. Maintaining consistent contact with her department's students through email, social media and face-to-face meetings, Ms. Greenberg provides counsel and guidance to help them navigate the complexities of their academic and personal lives.

Joseph J. Helfer

Department of Biological Sciences

A UB staff member since 1985 who holds an MS in natural sciences and MBA, both from UB, Joseph Helfer is senior assistant to the chair in the Department of Biological Sciences. Among his many achievements, he has employed his training and experience in financial management to institute a budget management system in the biological sciences office that has been beneficial beyond expectations. This includes more effective management of departmental funds and the ability to make targeted improvements, including financing the complete revamping of the department's first year "Bio" course sequence, which serves approximately 1,300 students each semester.

Andrew Koenig

Projects and Planning

As assistant dean for projects and planning for the Jacobs School of Medicine and Biomedical Sciences, Andrew Koenig has responsibilities ranging from space management to preparation for newly hired faculty. These tasks are performed for all departments, clinical and basic science, throughout the medical school. He has the role of acting as the school's representative for the construction of the medical school. Whether he is handling the simplest of requests or the most complex, Mr. Koenig treats each with equal importance and dedicates his full attention to completing the task in a highly professional and timely manner.

Jennifer Rosenberg

Admissions, Enrollment Planning and Pre-Pharmacy Advising

Associate dean and director of admissions, enrollment planning and undergraduate advising for the School of Pharmacy and Pharmaceutical Sciences, Jennifer Rosenberg, PhD, has had a positive impact on the success of the school's enrollment strategies, student advisement initiatives and tuition-driven budget models, allowing UB and the school to remain a national leader in pharmacy and pharmaceutical science education and scholarship. Employing her keen abilities to forecast changes and apply proven methodologies with creative programmatic options, Dr. Rosenberg has helped the school maintain its high competitiveness, robust student composition and national rankings during a time of national flux and transition.

John S. Taylor, Sr.

Department of Family Medicine

Executive director of development for the Primary Care Research Institute (PCRI) of the Department of Family Medicine in the Jacobs School of Medicine and Biomedical Sciences, John Taylor is primarily responsible for three major areas: comprehensive and strategic planning for the PCRI, building qualifications and collaborations for grant applications, and effective faculty mentoring. Renowned for his strategic vision, leadership, business acumen and creativity, Mr. Taylor has been responsible for strategic partnerships and collaborative contracts for his department, successfully integrating his profound understanding of community and the strategic plan's potential with the leadership and resources to develop long-term partnerships.



SUNY CHANCELLOR'S AWARD FOR EXCELLENCE IN FACULTY SERVICE

Albert H. Titus

Department of Biomedical Engineering

Professor and chair of the Department of Biomedical Engineering, Albert H. Titus, PhD, is an accomplished scholar who has provided excellent leadership and management for his school and university—particularly through his integral role in the creation of new academic programs in biomedical engineering. Under Dr. Titus' leadership, the Department of Biomedical Engineering has flourished, with enrollment growing to more than 300 undergraduate students and over 100 graduate students pursuing master's and PhD degrees. In addition, departmental faculty have secured more than \$7 million in external funding since 2013, published in top journals, and received numerous national awards.

SUNY CHANCELLOR'S AWARD FOR EXCELLENCE IN TEACHING

Amy C. Graves Monroe

Department of Romance Languages and Literatures

Amy Graves Monroe, PhD, is lauded by peers and students for her dedication to, and enthusiasm for, teaching and mentoring. A foremost scholar of Early Modern Europe, Dr. Graves Monroe combines her research interests with innovative pedagogical methods that incorporate standard in-class instruction with a hands-on approach beyond the classroom walls. An extraordinarily creative teacher and scholar, Dr. Graves Monroe has developed more than a dozen undergraduate and graduate-level academic courses, several of which are interdisciplinary in nature, attracting students from her primary field of French as well as from English, history, theatre and dance, and linguistics.

William Allan Prescott, Jr.

Department of Pharmacy Practice

Vice chair of the Department of Pharmacy Practice and PharmD program director in the School of Pharmacy and Pharmaceutical Sciences, William Prescott, PharmD, is renowned for his exemplary teaching and for incorporating pedagogical innovations into his own teaching and the school's curriculum. An advocate of active learning, his teaching methodologies include simulation-based and interprofessional education, flipped classroom, and team- and case-based learning. Widely recognized for his teaching effectiveness, Dr. Prescott has received educational awards from the American College of Apothecaries, University at Buffalo and School of Pharmacy and Pharmaceutical Sciences, among others.

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

Michel Bruneau

Department of Civil, Structural and Environmental Engineering

A fellow of the American Society of Civil Engineers and Canadian Academy of Engineering, Michel Bruneau, PhD, is an internationally renowned expert on the design and behavior of steel structures subjected to severe earthquake loading and blast effects. His design recommendations for building and bridge codes have been implemented in countless structures worldwide. Dr. Bruneau's earthquake simulation research has been funded by the National Science Foundation, Federal Highway Administration and Department of Homeland Security, among others, and has led to more than 500 highly cited technical publications, including more than 140 articles in premier refereed journals.

Anthony A. Campagnari

Department of Microbiology and Immunology

A leader in the study of infectious diseases, Anthony Campagnari, PhD, is considered among the world's experts on the pathogenesis of Gram-negative bacteria associated with middle ear infections. Highly regarded for his impactful scholarship and seminal discoveries, he has authored 78 peer-reviewed publications and was recently elected to fellowship in the American Academy of Microbiology. His research has been continuously funded for over 25 years by the National Institutes of Health (NIH), U.S. Department of Defense and Office of Naval Research (ONR), and he is currently funded by two NIH RO1 grants and one ONR award totaling \$3.9 million.

Gregory A. Fabiano

Department of Counseling, School and Educational Psychology

Gregory Fabiano, PhD, is widely acknowledged by his peers as one of the world's top scholars in ADHD treatment. His research focuses on increasing the reach of effective ADHD treatments, and it has included novel interventions for fathers, novice drivers with ADHD, and studies to evaluate positive behavioral supports in schools. Dr. Fabiano's work has generated considerable research funding, including active grants totaling more than \$3 million. His work has been recognized with numerous honors, including the prestigious Presidential Early Career Award for Scientists and Engineers from the White House Office of Science and Technology Policy in 2007.

Donald Edward Mager

Department of Pharmaceutical Sciences

Former president of the International Society of Pharmacometrics, Donald Mager, PharmD, PhD, is an internationally renowned scholar of pharmacokinetic/pharmacodynamic (PK/PD) modeling and systems pharmacology. Dr. Mager is highly regarded by his peers for his insights into structure-activity relationships in PK/PD, creating new theoretical concepts and applications related to target-mediated drug disposition, assessing properties of monoclonal antibodies, PK/PD modeling in diabetes, developing cancer chemotherapy models, and evolving increasingly complex systems pharmacology models. A prolific scholar, he is the author of 125 peer-reviewed research publications—many among the most highly cited in the field—and seven book chapters.

Jinhui Xu

Department of Computer Science and Engineering

Jinhui Xu, PhD, is internationally renowned for his research in algorithms and computational geometry. He has made several seminal discoveries that have profoundly impacted disciplines well beyond engineering—from medicine and biology to networking and very-large-scale integration. Among his numerous breakthroughs, Dr. Xu—together with his longtime UB collaborator Dr. Ronald Berezney—pioneered the use of geometric techniques to determine the spatial organization and dynamics of the cell nucleus. The author of 180 papers published in prestigious journals and peer-reviewed international conferences, Dr. Xu has received 15 grants totaling \$6 million, including a prestigious National Science Foundation CAREER Award.



SUNY Distinguished Professor

Jonathan S. Dewald

Department of History

Jonathan Dewald, PhD, is an internationally recognized leader and innovator in early modern French history and European nobility whose scholarship has transformed his field and historical study more broadly. His research has challenged common assumptions and advanced historical methods, theory, analysis and interpretation that have impacted the work of historians of all backgrounds with interest in social, cultural, economic, material and gender history. A prolific scholar, Dr. Dewald has authored six books and 25 articles and book chapters, and edited an award-winning six-volume encyclopedia. In recognition of his groundbreaking work, Dr. Dewald has been awarded some of the most prestigious national and international fellowships and visiting professor appointments in his field, including from the National Endowment for the Humanities, Guggenheim Foundation, National Humanities Center, and Institute for Advanced Study at Princeton University. He was twice designated Directeur d'études invité at the École des hautes études en sciences sociales in Paris (1998 and 2011).

Chunming Qiao

Department of Computer Science and Engineering

A fellow of the Institute of Electrical and Electronics Engineers, Chunming Qiao, PhD, is professor and chair of computer science and engineering. A world-renowned researcher in computer communications and networking, his seminal discoveries have had a profound impact on the information technology and telecommunication industries. His scholarly contributions—particularly in optical networks and integrated wireless systems—have revolutionized high-speed internet technologies and mobile/wireless communication infrastructures and services. He has recently expanded his research to transportation cyber-physical systems utilizing both connected and autonomous vehicles to improve road safety and the driving experience. A prolific scholar, Dr. Qiao has published more than 400 articles in top journals and conference proceedings, and he holds eight patents. His publications have been cited more than 20,000 times, including over 2,700 citations to date of a single article on optical networks, and his h-index, which is currently above 65, is the among the highest in his field in New York State.

John E. Tomaszewski

Department of Pathology and Anatomical Sciences

John Tomaszewski, MD, is professor and chair of the Department of Pathology and Anatomical Sciences. Internationally renowned for his scholarship, teaching and service, Dr. Tomaszewski is a leader in clinical and digital pathology, computational modeling in histopathology, and the informatics revolution in pathology, where he contributes to international diagnostic guidelines. He is widely praised by his colleagues for his innovative approach to applying engineering and quantitative techniques to biopsy visualization and analysis, particularly for cancer. Dr. Tomaszewski holds four patents and has published more than 300 peer-reviewed publications and 35 book chapters, including 10 chapters dealing with his special interests in renal pathology, renal transplant and immunopathology. Among his numerous leadership roles, Dr. Tomaszewski served as president of the American Society of Clinical Pathologists (ASCP), the world's largest organization for pathologists and laboratory professionals. In recognition of his exceptional leadership and research contributions, he was awarded Mastership by ASCP in 2014, the organization's highest honor.



Sampling of National and International Faculty Awards and Recognitions: 2016-17

Diana S. Aga

[Chemistry](#)

AGRO Fellow Award

*American Chemical Society Division of
Agrochemicals*

Paschalis Alexandridis

[Chemical and Biological Engineering](#)

Fellow

American Institute of Chemical Engineers

David M. Alff

[English](#)

Summer Stipend

National Endowment for the Humanities

Alex B. Ampadu

[Accounting and Law](#)

Arthur J. Londe Award

Deloitte & Touche

Alex Anas

[Economics](#)

Walter Isard Award for Scholarly Achievement

North American Regional Science Council

Stelios T. Andreadis

[Chemical and Biological Engineering](#)

Fellow

Biomedical Engineering Society

Sebastiano Andreana

[Restorative Dentistry](#)

Isaih Lew Memorial Research Award

American Academy of Implant Dentistry

Ana Mariella Bacigalupo

[Anthropology](#)

Prose Award for Best Book in Anthropology

Honorable Mention

*Association of American Publishers Professional and
Scholarly Publishing Division*

Ana Mariella Bacigalupo

[Anthropology](#)

Summer Fellowship

Radcliffe Institute for Advanced Study

Sharmistha Bagchi-Sen

[Geography](#)

Fellow

Academy of Social Sciences

Samantha Barbas

[Law](#)

Silver Medal in U.S. History

Independent Publisher Book Awards

Vanessa M. Barnabei

[Obstetrics and Gynecology](#)

Fellow

American Gynecological and Obstetrical Society

Matthew J. Barth

[Pediatrics](#)

Young Investigator Award

International Society of Paediatric Oncology

Jason B. Benedict

[Chemistry](#)

Margaret C. Etter Early Career Award

American Crystallographic Association

Jason B. Benedict

[Chemistry](#)

Fellow

Royal Society of Chemistry

Anya Bernstein

[Law](#)

Visiting Scholar

Institutum Iurisprudentiae, Academia Sinica, Taiwan

Ling Bian

[Geography](#)

Distinguished Scholar Award

*International Association of Chinese Professionals in
Geographic Information Sciences*

Kathleen M. Boje

[Pharmaceutical Sciences](#)

Academic Leadership Fellow

American Association of Colleges of Pharmacy

Iman Borazjani

[Mechanical and Aerospace Engineering](#)

Fulbright Fellowship

Bureau of Educational and Cultural Affairs

Fenice B. Boyd

[Learning and Instruction](#)

Albert J. Kingston Award

Literacy Research Association

Peter G. Bradford

[Pharmacology and Toxicology](#)

Fellow

Academy of Pharmacology Educators

Michel Bruneau

[Civil, Structural and Environmental Engineering](#)

Moisseiff Award

American Society of Civil Engineers

Michel Bruneau

[Civil, Structural and Environmental Engineering](#)

Fellow

Canadian Academy of Engineering

Lisa D. Butler

[Social Work](#)

Fellow

*International Society for the Study of Trauma and
Dissociation*

Anthony A. Campagnari

[Microbiology and Immunology](#)

Fellow

American Academy of Microbiology

John H. Campbell

[Oral and Maxillofacial Surgery](#)

Fellow

American College of Surgeons

Brian Carter

[Architecture](#)

Honorary Fellow

Royal Architectural Institute of Canada

Sherry R. Chemler

[Chemistry](#)

Arthur C. Cope Scholar Award

American Chemical Society

Millie Chen

[Art](#)

Artist Residency

University of British Columbia Okanagan, O k'inādās

Luis E. Chiesa

[Law](#)

Member

*Puerto Rican Academy of Jurisprudence and
Legislation*

Brian Clemency

[Emergency Medicine](#)

Fellow

Academy of Emergency Medical Services

Brian Clemency

[Emergency Medicine](#)

Presidents Award

National Association of EMS Physicians

Richard A. Cohen

[Jewish Thought](#)

Summer Seminars and Institutes Grant

National Endowment for the Humanities

Luis A. Colón

[Chemistry](#)

Fellow

American Chemical Society



Luis A. Colón

[Chemistry](#)

Award for Outstanding Achievements in Separation
Science

Eastern Analytical Symposium

Anne B. Curtis

[Medicine](#)

Mastership

American College of Physicians

Ning Dai

[Civil, Structural and Environmental Engineering](#)

CAREER Award

National Science Foundation

Andreas W. Daum

[History](#)

Baird Society Resident Scholar Fellowship

Smithsonian Institution

Stephanie Davidson and Georg Rafailidis

[Architecture](#)

Bronze Award for Small Architecture

American Architecture Prize

Stephanie Davidson and Georg Rafailidis

[Architecture](#)

Blueprint Award for Best Small Project

Blueprint Magazine

Elaine L. Davis

[Oral Diagnostic Sciences](#)

Honorary Fellowship

American College of Dentists

David Dietz

[Pharmacology and Toxicology](#)

Associate Member

American College of Neuropsychopharmacology

Terry E. Dunn

[Pharmacy Practice](#)

New Investigator Research Grant

ASHP Research and Education Foundation

Gretchen E. Ely

[Social Work](#)

Distinguished Scholar and Fellow

National Academy of Practice in Social Work

Gretchen E. Ely

[Social Work](#)

Full Fellow

Society of Family Planning

David M. Engel

[Law](#)

Harry J. Kalven, Jr. Prize

Law and Society Association

Leonard H. Epstein

[Pediatrics](#)

Hoebel Prize for Creativity

Society for the Study of Ingestive Behavior

Michael H. Farkas

[Ophthalmology](#)

Emerging Vision Scientist

National Alliance for Eye and Vision Research

André Filiatrault

[Civil, Structural and Environmental Engineering](#)

Visiting Erskine Fellow

University of Canterbury, New Zealand

Nicholas M. Fusco

[Pharmacy Practice](#)

Teacher of the Year

American Association of Colleges of Pharmacy

Gary A. Giovino

[Community Health and Health Behavior](#)

Fellow

Society for Research on Nicotine and Tobacco

Michael Glick

[Oral Diagnostic Sciences](#)

Doctor Honoris Causa

*Carol Davila University of Medicine and Pharmacy,
Bucharest, Romania*

Amit Goyal

Chemical and Biological Engineering

R&D 100 Award

R&D Magazine

Jorge J.E. Gracia

Philosophy

Permanent Collection

Smithsonian Institution

David Herzberg

History

IFRIS Visiting Scholar

Institut Francilien Recherche Innovation Société

Rachael K. Hinkle

Political Science

Law and Courts Best Journal Article Award

American Political Science Association

Quanxi Jia

Materials Design and Innovation

Fellow

Institute of Electrical and Electronics Engineers

Blair Johnson

Exercise and Nutrition Sciences

Director of Research Early Career Grant

Office of Naval Research

Josep M. Jornet

Electrical Engineering

Young Professionals Best Innovation Award

Institute of Electrical and Electronics Engineers

Communications Society

William J. Jusko

Pharmaceutical Sciences

William B. Abrams Award Lecture

American Society for Clinical Pharmacology and Therapeutics

Food and Drug Administration

Jacob Kathman

Political Science

Glenn Palmer Prize

Peace Science Society (International)

Robert H. Keefe

Social Work

Overseas Fellow

Royal Society of Medicine

William R. Kinkel

Neurology

Lifetime Achievement Award

American Society of Neuroimaging

Annette W. LeCuyer

Architecture

Honorary Fellow

Royal Architectural Institute of Canada

Christopher Lee

Art

Research Fellowship

Het Nieuwe Instituut, Rotterdam

G. James Lemoine

Organization and Human Resources

Fredric M. Jablin Doctoral Dissertation Award

International Leadership Association

Lucia A. Leone

Community Health and Health Behavior

Fellow

Mentored Training for Dissemination and

Implementation Research in Cancer

Joan Linder

Art

MacDowell Fellowship

MacDowell Colony

Abhiram Maddi

Periodontics and Endodontics

Teaching Fellowship Award

American Academy of Periodontology



Donald E. Mager

[Pharmaceutical Sciences](#)

Malle Jurima-Romet Mid-Career Leadership Award
American Society for Clinical Pharmacology and Therapeutics

Theresa McCarthy

[Transnational Studies](#)

Best First Book in Native American and Indigenous Studies Prize
Native American and Indigenous Studies Association

Christina Milletti

[English](#)

Artist Residency
Marble House Project

Marilyn E. Morris

[Pharmaceutical Sciences](#)

Research Achievement Award in Pharmacokinetics, Pharmacodynamics and Drug Metabolism
American Association of Pharmaceutical Scientists

Gene D. Morse

[Pharmacy Practice](#)

Sir Alister McIntyre Distinguished Award
University Diabetes Outreach Programme

Margaret P. Moss

[Nursing](#)

Book of the Year Award in Professional Issues
Book of the Year Award in Community/Public Health/Home Health Second Place
American Journal of Nursing

James M. O'Donnell

[Pharmaceutical Sciences](#)

Fellow
American Association for the Advancement of Science

Patricia J. Ohtake

[Rehabilitation Science](#)

Lucy Blair Service Award
American Physical Therapy Association

Nnedi Okorafor

[English](#)

Children's Africana Book Award for Best Book for Young Children
African Studies Association

Nnedi Okorafor

[English](#)

Hugo Award for Best Novella
World Science Fiction Society

Elizabeth Otto

[Art](#)

Visiting Fellow
Center for Advanced Studies, Ludwig-Maximilian University of Munich

Elizabeth Otto

[Art](#)

Frank H. Kenan Fellowship
National Humanities Center

Jessica Owley

[Law](#)

Co-operative Research Programme Fellowship
Organisation for Economic Co-operation and Development

Erkin Özay

[Architecture](#)

Housing Design Education Award
Association of Collegiate Schools of Architecture

Mark D. Parker

[Physiology and Biophysics](#)

New Investigator Award
American Physiological Society Cell and Molecular Physiology Section

Raechele L. Pope

[Educational Leadership and Policy](#)

Contribution to Knowledge Award
ACPA - College Student Educators International

Paras N. Prasad

[Chemistry](#)

Pioneer Award in Nanotechnology
*Institute of Electrical and Electronics Engineers
Nanotechnology Council*

Paras N. Prasad

[Chemistry](#)

Fellow
National Academy of Inventors

Paras N. Prasad

[Chemistry](#)

Honorary Doctorate
*National Research Nuclear University MEPhI
(Moscow Engineering Physics Institute)*

Paras N. Prasad

[Chemistry](#)

Michael S. Feld Biophotonics Award
The Optical Society

Deborah A. Raines

[Nursing](#)

Isabel Hampton Robb Award for Outstanding
Leadership in Clinical Practice
National League for Nursing

Steven J. Ray

[Chemistry](#)

Fellow
Royal Society of Chemistry

Kui Ren

[Computer Science and Engineering](#)

CISTC Technical Recognition Award
*Institute of Electrical and Electronics Engineers
Communications and Information Security Technical
Committee*

James D. Reynolds

[Ophthalmology](#)

Al Biglan Medal
*University of Pittsburgh Medical Center Eye Center
Eye and Ear Foundation*

Robert N. Sawyer, Jr.

[Neurology](#)

Fellow
American Heart Association

Frank A. Scannapieco

[Oral Biology](#)

Fellow
American Association for Dental Research

David Schmid

[English](#)

George N. Dove Award
*Popular Culture Association/American Culture
Association*

Steven D. Schwartzberg

[Surgery](#)

Honorary Member
Japanese Society of Endoscopic Surgery

Surajit Sen

[Physics](#)

Fulbright Fellowship
Bureau of Educational and Cultural Affairs

Othman Shibly

[Periodontics and Endodontics](#)

Shils Award
Dr. Edward B. Shils Entrepreneurial Fund

Othman Shibly

[Periodontics and Endodontics](#)

Ibn Al-Nafees Outstanding Achievement Award
Syrian American Medical Society

Jongmin Shim

[Civil, Structural and Environmental Engineering](#)

First Prize
Laka Competition

Nicholas J. Silvestri

[Neurology](#)

Fellow
American Academy of Neurology



Tarunraj Singh

[Mechanical and Aerospace Engineering](#)

Graduate Faculty Teaching Award

Northeastern Association of Graduate Schools

Puneet Singla

[Mechanical and Aerospace Engineering](#)

Senior Member

Institute of Electrical and Electronics Engineers

Barry Smith

[Philosophy](#)

Ontology Competition Winner

International Association for Ontology and Its Applications

Jin Young Song

[Architecture](#)

First Prize

Laka Competition

Matthew Steilen

[Law](#)

Fellowship

Robert H. Smith International Center for Jefferson Studies

Lu Su

[Computer Science and Engineering](#)

CAREER Award

National Science Foundation

Gerald Sufrin

[Urology](#)

Lifetime Achievement Award

American Urological Association

Zhi Sun

[Electrical Engineering](#)

CAREER Award

National Science Foundation

Tamara Plakins Thornton

[History](#)

John Lyman Book Award for Naval and Maritime Biography and Autobiography

North American Society for Oceanic History

Mary Nell Trautner

[Sociology](#)

Carla B. Howery Award for Developing Teacher-Scholars

American Sociological Association Section on Teaching and Learning

Camilo D. Trumper

[Transnational Studies](#)

Best Book in the Humanities

Latin American Studies Association, Southern Cone Studies Section

Paul Vanouse

[Art](#)

Hybrid Art Award of Distinction

Prix Ars Electronica

Doreen Wackerroth

[Physics](#)

Fermilab Distinguished Scholar

U.S. Department of Energy

Sama Waham

[Media Study](#)

Best Long Documentary Award

Alexandria Film Festival

Sama Waham

[Media Study](#)

Special Jury Award

Al-Qumrah International Film Festival

Sama Waham

[Media Study](#)

Award of Excellence in Cinematography

Exceptional Merit Award for Direction and Viewer Impact

Docs without Borders Film Festival

Sama Waham

[Media Study](#)

Ahmed Khedr Award for Excellence in Arab Filmmaking

European Independent Film Festival

Deborah P. Waldrop

[Social Work](#)

Career Achievement Award

Association for Gerontology Education in Social Work

Andrew S. Whittaker

[Civil, Structural and Environmental Engineering](#)

Walter P. Moore, Jr. Award

American Society of Civil Engineers

Andrew S. Whittaker

[Civil, Structural and Environmental Engineering](#)

Stephen D. Bechtel, Jr. Energy Award

American Society of Civil Engineers

Ciaran Williams

[Physics](#)

Wu-Ki Tung Award for Early-Career Research
on QCD

*Coordinated Theoretical-Experimental Project on
QCD Collaboration*

Roger D. Woodard

[Classics](#)

Visiting Scholar

American Academy in Rome

Roger D. Woodard

[Classics](#)

Visiting Scholar

Wolfson College, Oxford

Teng Wu

[Civil, Structural and Environmental Engineering](#)

Robert Scanlan Award

American Association for Wind Engineering

Teng Wu

[Civil, Structural and Environmental Engineering](#)

Alfred Noble Prize

American Society of Civil Engineers

Teng Wu

[Civil, Structural and Environmental Engineering](#)

IAWE Junior Award

International Association for Wind Engineering

Ezra Zubrow

[Anthropology](#)

Lady Margaret Beaufort Visiting Scholar

St. John's College, University of Cambridge

Igor Zutic

[Physics](#)

Fellow

American Physical Society



Promoted and/or Tenured Faculty: 2016-17

Rachel E. Ablow, Professor
English

Aviva Abramovsky, Professor
Law

Panagiotis Anastasopoulos, Associate Professor
Civil, Structural and Environmental Engineering

James R. Beebe, Professor
Philosophy

Jason B. Benedict, Associate Professor
Chemistry

Javier G. Blanco, Professor
Pharmaceutical Sciences

Marina Blanton, Associate Professor
Computer Science and Engineering

Jason Briner, Professor
Geology

Claire E. Cameron, Associate Professor
Learning and Instruction

Neil Coffee, Professor
Classics

Paul J. Cullen, Professor
Biological Sciences

Derek Daniels, Professor
Psychology

Murat Demirbas, Professor
Computer Science and Engineering

Micheal Dent, Professor
Psychology

Alexander D. Diehl, Associate Professor
Biomedical Informatics

Matthew Dimick, Professor
Law

Hasan H. Dosluoglu, Professor
Surgery

Marc S. Ernstoff, Professor
Medicine

Qiaoqiang Gan, Associate Professor
Electrical Engineering

Jing Gao, Associate Professor
Computer Science and Engineering

Lee Ann Garrett-Sinha, Professor
Biochemistry

Saby George, Associate Professor
Medicine

Oscar G. Gómez-Duarte, Associate Professor
Pediatrics

Elizabeth A. Griffiths, Associate Professor
Medicine

Walter N. Hakala, Associate Professor
English

Carroll M. Harmon, Professor
Surgery

Sharon J. Hewner, Associate Professor
Nursing

Joseph A. Hundley, Associate Professor
Mathematics

Ia Iashvili, Professor
Physics

Renuka Iyer, Professor
Medicine

Quanxi Jia, Professor
Materials Design and Innovation

Kara Kelly, Professor
Pediatrics

Avtandyl Kharchilava, Professor
Physics

Steven Ko, Associate Professor
Computer Science and Engineering

Dimitrios Koutsonikolas, Associate Professor
Computer Science and Engineering

Yiqiang Li, Associate Professor
Mathematics

Jonathan Lovell, Associate Professor
Biomedical Engineering

Christopher S. Lowry, Associate Professor
Geology

Nicholas Mastronarde, Associate Professor
Electrical Engineering

Elizabeth A. Mazzolini, Associate Professor
English

Elena V. McLean, Associate Professor
Political Science

Christopher Mele, Professor
Sociology

Margaret P. Moss, Associate Professor
Nursing

Dalia A. Muller, Associate Professor
History

Ekaterina I. Noyes, Professor
Epidemiology and Environmental Health

Richard Ohrbach, Professor
Oral Diagnostic Sciences

Nnedi Okorafor, Professor
English

Anthony O'Rourke, Professor
Law

Miriam S. Paeslack, Associate Professor
Arts Management

Victor L. Paquet, Professor
Industrial and Systems Engineering

Blaine Pfeifer, Professor
Chemical and Biological Engineering

Igor Puzanov, Professor
Medicine

Georg Rafailidis, Associate Professor
Architecture

Samina Raja, Professor
Urban and Regional Planning

Salvatore R. Rappoccio, Associate Professor
Physics

Todd C. Rideout, Associate Professor
Exercise and Nutrition Sciences

Adam W. Rome, Professor
History

David H. Rothstein, Associate Professor
Surgery

Javid Rzayev, Professor
Chemistry

Robin G. Schulze, Professor
English

Uttam Singiseti, Associate Professor
Electrical Engineering

Konstantinos Slavakis, Associate Professor
Electrical Engineering

William D. Solomon, Professor
English

Kristin E. Stapleton, Professor
History

Matthew J. Steilen, Professor
Law

Dejan Stojkovic, Professor
Physics

Frederick W. Stoss, Librarian
University Libraries

John M. Sullivan, Professor
Ophthalmology

Yijun Sun, Associate Professor
Microbiology and Immunology

Camilo D. Trumper, Associate Professor
Transnational Studies

Albert Vexler, Professor
Biostatistics

Marion R. Werner, Associate Professor
Geography

Hershini Young, Professor
English



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.