

Faculty Awards

OCTOBER 24, 2013

UIC

UNIVERSITY
OF ILLINOIS
AT CHICAGO

2013 Faculty Awards Celebration

Thursday, October 24, 2013

University of Illinois at Chicago
Student Center East

Reception 4:00 p.m.

Program 4:30 p.m.

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Recognition of Award Recipients

Graduate College Mentoring Awards
External Awards

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Teaching Recognition Program Awards
University Scholars
Awards for Excellence in Teaching
UIC Distinguished Professors

MESSAGE FROM THE CHANCELLOR

Tonight the University of Illinois at Chicago celebrates and honors the excellence of our faculty. The awards presented this evening recognize individuals who are instrumental in shaping and inspiring the intellectual and cultural character of our campus. Your efforts bring distinction to UIC.

We honor recipients in six categories of academic distinction: the Award for Excellence in Teaching; the Teaching Recognition Program; University Scholars; the Graduate College Mentoring Award, major awards from external agencies and societies; and UIC Distinguished Professors.

University of Illinois President Robert Easter, Vice President for Academic Affairs Christophe Pierre, and Vice Chancellor for Academic Affairs and Provost Lon Kaufman join me this evening to recognize and congratulate all the scholars and teachers named in these pages.

It is a pleasure to welcome you, and acknowledge the significant contributions from our outstanding faculty to research, discovery, teaching, and the translation and application of knowledge that improves the human condition in our communities and around the world.

Paula Allen-Meares
Chancellor, University of Illinois at Chicago
Vice President, University of Illinois
John Corbally Presidential Professor

UIC GRADUATE COLLEGE MENTORING AWARDS

Arden Handler

*Professor, Division of Community Health Sciences
School of Public Health*

Arden Handler oversees one of only 13 federally funded competitive training programs in Maternal and Child Health in Schools of Public Health across the US, as well as one of nine federally funded programs in Maternal and Child Health Epidemiology. In 2008 she spearheaded the development of an official concentration in Maternal and Child Health at UIC for Masters of Public Health students. Each spring Handler organizes a Maternal and Child Health Epidemiology conference where graduate students network and learn from UIC alumni. She believes the socialization and mentoring components of the program have been key to its success. "When students can integrate all the various knowledge streams and convert this newly integrated knowledge into action for research or practice," she says, "I know I have been successful."

Kara Morgan-Short

*Associate Professor, Department of Hispanic and Italian Studies, Department of Psychology
College of Liberal Arts and Sciences*

Kara Morgan-Short is perhaps best known for establishing the Cognition of Second Language Acquisition Lab, giving graduate students a platform for research and collaboration. In addition to being an exceptional teacher of languages, Morgan-Short also teaches a seminar in the Department of Psychology where she utilizes her research and training in cognition as the basis for her pedagogy. In her PSCH 459 Cognitive Methods course students learn a brain-based method for assessing cognition by running a small-scale electrophysiological study and conducting discussion about their own research interests outside the context of the course. "Professor Morgan-Short has been one of the engines of a complete transformation in our graduate program," says Margarita Saona, Acting Head of the Department of Hispanic and Italian Studies. "Our graduate students are now treated as colleagues and collaborators."

Leilah Lyons

*Assistant Professor, Department of Computer Science
College of Engineering*

Leilah Lyons's approach to mentoring is shaped by her training in the Learning Sciences. Lyons believes that students excel when they are gradually brought into a targeted "community of practice" to acquire not only knowledge and skills, but also the social norms that are important to their success within the academic research community. She encourages a supportive lab culture through modeling and vertical mentoring wherein novices are paired with students who have most recently acquired a desired skill. Lyons also exposes her students to wider communities of practice by insisting they attend conferences as early as possible to humanize academic work. Finally, Lyons's students are also included in the process of crafting grant proposals, as "selling" ideas to funders will be integral to their jobs as researchers.

Norma Lopez-Reyna

*Associate Professor, Department of Special Education
College of Education*

Norma Lopez-Reyna's mentoring philosophy is the same that guides her research – namely the Vygotskian notion that development occurs through social interaction and dialogue which in turn creates opportunities for reciprocal and dynamic influences within a learning community. One example of this kind of interaction occurs in UIC's Assessment Clinic, which Lopez-Reyna designed and directs. Masters students preparing to teach children with disabilities complete an internship in the clinic that provides assessment services to children and their families in the UIC local community. Lopez-Reyna works closely with her graduate students in this setting, encouraging them to observe, analyze, and interpret behavior and learning difficulties. She has had particular success in transforming bilingual special education in Illinois by securing personnel training grants and providing scholarships for approximately 200 UIC students.

EXTERNAL AWARDS

COLLEGE OF ARCHITECTURE, DESIGN, AND THE ARTS

Paul Andersen

Clinical Assistant Professor, School of Architecture

“City Loop,” a joint project by Clinical Assistant Professor Paul Andersen’s firm, Indie Architecture, and Clinical Professor Andrew Moddrell’s firm, Port A+U, was named the winner of the “Re-imagine Play” competition for Denver’s City Park. The proposal uses a half-mile-long looping steel circuit along the park’s perimeter to organize a variety of programs and landscapes and activate the thirteen-acre interior of the park.

Nina Dubin

Associate Professor, Department of Art History

Nina Dubin was awarded a year-long Samuel H. Kress Senior Fellowship by the Center for Advanced Study in the Visual Arts to support her new book project. CASVA is among the most prestigious institutions in the field of art history and this fellowship permits access to world-class museum objects as well as library resources.

Heather Grossman

Assistant Professor, Department of Art History

Heather Grossman was awarded an International Center for Medieval Art Kress Research Award. Five of these awards are given annually to support publication of manuscripts of significant merit, based on peer review, in the field of medieval art and architectural history.

Thomas Kelley

Visiting Assistant Professor, School of Architecture

Thomas Kelley was named a winner of the 2013–2014 Rome Prize in Architecture by the American Academy in Rome. The award, granted for the project “Economy of Illusions: A (re) Valuation of Rome’s Visual Culture,” includes an 11-month research fellowship in Italy.

Lisa Yun Lee

Associate Professor and Director, School of Art & Art History

Lisa Yun Lee has won the Illinois Humanities Prize for her extraordinary contributions to the public humanities as the Co-Founder of The Public Square, for her work at the Jane Addams Hull-House Museum, and for her current work advancing access to the arts as the Director of the School of Art & Art History. Given annually by the IHC since 1984, the Public Humanities Award recognizes individuals and organizations for their contributions to public understanding of the role the humanities play in transforming lives and strengthening communities.

Lisa Yun Lee was also recognized by the Chicago Foundation for Women’s Asian American Leadership Council with their Breaking Barriers Award for her contributions in the field of Art and Social Justice. The Breaking Barriers awards are presented annually to Asian and Asian American women leaders in the Chicago metropolitan area who have made an outstanding and lasting impact in their fields.

Silvia Malagrino

Professor, School of Art and Design

Silvia Malagrino was one of seven Hispanic artists selected by the State of Illinois, in consultation with the Latin American Countries’ Consulates, to receive the Illinois Distinguished Artist Award for her contribution to culture and world knowledge.

Andrew Moddrell

Clinical Assistant Professor, School of Architecture

“City Loop,” a joint project by Clinical Professor Andrew Moddrell’s firm, Port A+U, and Clinical Assistant Professor Paul Andersen’s firm, Indie Architecture, was named the winner of the “Re-imagine Play” competition for Denver’s City Park. The proposal uses a half-mile-

long looping steel circuit along the park's perimeter to organize a variety of programs and landscapes and activate the thirteen-acre interior of the park.

Sharon Oiga

Associate Professor, School of Art and Design

Sharon Oiga has received the Creativity International Award for the book cover design of *Assemblages*, a collection of poems by artist and poet Marvin Tate. The Creativity International Award, which recognizes outstanding creativity and design, is one of the longest-running independent advertising and graphic design competitions in the country.

Deborah Stratman

Associate Professor, School of Art and Design

Deborah Stratman's film "...These Blazing Stars!" won Best Experimental Film at the Dallas VideoFest. Dallas VideoFest is a production of the Dallas Video Association organized to promote an understanding of video as a creative visual art medium and cultural force in our society and to support and advance the work of Texas artists working in film, video and electronic arts.

Deborah Stratman's film "Polygonal Address System" was selected as one of the top 50 Public Arts projects of the year by The Public Arts Network Year in Review, the only national program that recognizes projects of excellence in public art. This year's jurors were John Carson, artist and Head, School of Art, Carnegie Mellon; Norie Sato, artist, Seattle, WA; and Justine Topfer, Out of the Box Projects and San Francisco Arts Commission.

Daniel Wheeler

Professor, School of Architecture

Professor Dan Wheeler's firm, Wheeler Kearns Architects, received two 2012 awards from the Chicago chapter of the American Institute of Architects in recognition of excellence and distinction in architecture. "Nine Square," a home in Northbrook, was given a Citation of Merit in the Distinguished Building Award category, and Inspiration Kitchen in Garfield Park received a SustainABILITY Honor Award.

COLLEGE OF APPLIED HEALTH SCIENCES

Fabricio Balcazar

Professor, Department of Disability and Human Development

Fabricio Balcazar was elected APA Division President by his peers in Division 27 of the American Psychological Association--The Society for Community Research and Action. This election recognizes his leadership in community research and action, and participatory research.

Ann Cutler

Clinical Assistant Professor, Department of Disability and Human Development

In recognition for her role in the Leadership Education in Neurodevelopmental and related Disabilities (LEND) program and in developmental pediatrics and her service to children with developmental disabilities and their families, Ann Cutler was given the Leadership Award by the American Association on Intellectual and Developmental Disabilities.

Gail Fisher

Clinical Associate Professor, Department of Occupational Therapy

Gail Fisher was appointed Chair of the Political Action Committee by the American Occupational Therapy Association Political Action Committee Board. She will actively participate in committee events and promote advocacy in the profession to provide a means for occupational therapy practitioners, faculty, and students to influence the political process and be involved in decisions that impact healthcare.

Mark Grabiner

*Professor, Department of Kinesiology and Nutrition
Associate Vice Chancellor for Research*

Mark Grabiner was recognized with the American College of Sports Medicine / Biomechanics Interest Group Career Achievement Award, the most prestigious honor given by the ACSM Biomechanics Interest Group. The Career Achievement Award recognizes distinguished contributions to the education of students concentrating in biomechanics and/or distinguished empirical or theoretical contributions to basic research in biomechanics.

Tamar Heller

Professor and Head, Department of Disability and Human Development

Tamar Heller was given the International Service Award from the Association of University Centers on Disabilities in recognition of her outstanding international contributions that have improved the lives of people with disabilities and their families by creating more inclusive communities.

Robin Jones

Project Director and Instructor, Department of Disability and Human Development

Robin Jones has been elected President of the National Association of Rehabilitation Research and Training Centers (NARRTC) in recognition of her leadership, commitment, and expertise in the field. The NARRTC aims to improve the quality of life, the independence of life choices, and the inclusion of individuals with disabilities and their families through relevant research, training, technical assistance, knowledge translation, development and demonstration activities.

Shane Phillips

Associate Professor, Department of Physical Therapy

Shane Phillips was appointed member of the Exercise Physiology Task Force of the Academy Council for Physical Therapy Education for his prominent contributions to research in exercise physiology.

Yolanda Suarez-Balcazar

Professor and Head, Department of Occupational Therapy

Yolanda Suarez-Balcazar has been appointed Chair of the Ad Hoc Diversity Committee for the American Occupational Therapy Association where she will develop a set of recommendations for the profession and the AOTA Board of Directors to enhance cultural competence and increase diversity.

COLLEGE OF BUSINESS ADMINISTRATION

Christopher J. Westland

Professor, Department of Information and Decision Sciences

Christopher J. Westland was given the High-Level Foreign Expert award under the Chinese government's 1000-Talent Program (千人计划). This program was started in 2008 by the Central Committee of the Chinese Communist Party, awarding 50-100 grants globally to attract up to 1,000 foreign academics and entrepreneurs over the next 10 years. The award comes with a subsidy of up to one million renminbi, and a research allowance worth three million to five million renminbi.

COLLEGE OF DENTISTRY

Stephen D. Campbell

Professor and Head, Department of Restorative Dentistry

Stephen D. Campbell was given the Kenneth Wical Award for Excellence in Prosthodontics in recognition of his significant contributions to the specialty.

Caswell A. Evans

Associate Dean and Clinical Professor, Prevention and Public Health Sciences

Caswell A. Evans was presented with the American Association of Public Health Dentistry Distinguished Service Award for his distinguished service to public health dentistry.

Maria Therese S. Galang-Boquiren

Assistant Professor, Department of Orthodontics Dentistry

Maria Therese S. Galang-Boquiren has been given the American Dental Education Association Council of Sections Thomas F. Nowlin Award for her distinguished service and exceptional demonstrated performance.

Nadia Kawar

Clinical Assistant Professor, Department of Periodontics

Nadia Kawar received the American Academy of Periodontology Educator Award for outstanding teaching and mentoring. The award recognizes her as excellent teacher and an inspiration to her students.

Kent Knoernschild

Professor, Department of Restorative Dentistry

In recognition of outstanding and substantial contributions to the specialty of Prosthodontics, Kent Knoernschild has been given the American College of Prosthodontists Distinguished Lecturer Award – the organization's highest award for leadership and service.

Indru Punwani

Professor and Head, Department of Pediatric Dentistry

Indru Punwani was presented with the American Academy of Pediatric Dentistry Lewis Kay Excellence Award for excellence in pediatric dentistry education. This award recognizes outstanding leadership and a commitment to educating pediatric dental residents in order to provide children with comprehensive, quality oral health care.

Christine Wu

Professor, Department of Pediatric Dentistry

Christine Wu was elected by her peers as chairwoman and member of the Scientific Advisory Board, Breath Research Unit, in the Austrian Academy of Sciences.

For her leadership, professional achievements, and outstanding service in the Chinese American professional community in the Mid-America region, Christine Wu was also named President of the Mid-America Chinese Americans Professional Association.

COLLEGE OF EDUCATION

Victoria Chou

Dean Emerita, College of Education

Victoria Chou was named Fellow by the American Education Research Association in recognition for career-long focus on urban education research. The AERA Fellows Program honors education researchers with substantial accomplishments, to convey the Association's commitment to research excellence and to provide example to the next generation of emerging scholars.

James Pellegrino

*Distinguished Professor of Education, Department of Curriculum and Instruction
(College of Education)*

Professor, Department of Psychology (College of Liberal Arts and Sciences)

James Pellegrino was given the Robert L. Linn Distinguished Address Award for his substantial contributions to the field, connecting cognitive and learning sciences theory to assessment policy and practices. The award, from the American Educational Research Association, honors scholars whose work bridges educational measurement and another

significant area of research and has resulted in widespread, positive impact on the field of educational measurement.

Pamela Quiroz

Professor, Department of Education Policy Studies

Pamela Quiroz was voted on to the Council on Contemporary Families, a non-profit, non-partisan organization dedicated to providing the press and public with the latest research and best-practice findings about American families.

Tim Shanahan

Professor, Department of Curriculum & Instruction

Tim Shanahan was given the William S. Gray Citation of Merit by the International Reading Association in recognition of his career-long leadership in the field of literacy, including more than two decades leading the UIC Center for Literacy. The William S. Gray Citation of Merit is awarded to a nationally- or internationally-known person for outstanding contributions to the field of reading.

Alfred Tatum

Professor, Department of Curriculum and Instruction

Interim Dean

Alfred Tatum was named a panelist for the National Summit on Educational Excellence and Opportunity for African American Males due to his successful research on and advocacy for the literacy rights of African American adolescent males. The National Summit on Educational Excellence and Opportunity for African American Males is part of the White House Initiative on Educational Excellence for African Americans.

Theresa Thorkildsen

Professor, Department of Education Psychology

Theresa Thorkildsen was named American Psychological Association Division 15 President. Her election to this position is the result of Thorkildsen's significant research on children in the school setting, examining how civic engagement drives classroom performance.

COLLEGE OF ENGINEERING

Suresh Aggarwal

Professor, Department of Mechanical and Industrial Engineering

Suresh Aggarwal was given the Abe M. Zarem Educator Award from the American Institute of Aeronautics and Astronautics for his mentorship and guidance of Abe M. Zarem Award recipients.

Farhad Ansari

Professor and Head, Department of Chemical and Mechanical Engineering

Farhad Ansari was elected president of the International Society for Health Monitoring of Intelligent Infrastructure for being a pioneering researcher and practitioner in the field.

Michael Cho

Professor, Department of Biological Engineering

Michael Cho was appointed editor of the new journal *Physics and Chemistry of Stem Cells* in recognition of his expertise in the physical regulation of stem cells. *Physics and Chemistry of Stem Cells* provides a unique platform for an emerging field of research that combines and applies multidisciplinary ideas, techniques and methodologies for the control of stem cells. It represents an interface between stem cell science, biophysics and engineering.

Mitra Dutta

Distinguished Professor, Department of Electrical and Computer Engineering

Vice Chancellor for Research

Mitra Dutta was elected Fellow of the American Physical Society for her research and administrative leadership in government and academia, through which she has supported

the application of physics to benefit society. No more than one-half of one percent of the membership of the Society is recognized by their peers for election to the status of Fellow each year.

Danilo Erricolo

Professor, Department of Electrical and Computer Engineering

Danilo Erricolo was elected General Chair of the 2012 IEEE International Symposium on Antennas and Propagation/USNC-URSI National Radio Science Meeting. Erricolo was selected for his scientific accomplishments in the field of antennas and propagation and also for his reputation among the members of the IEEE Antennas and Propagation Society and USNC-URSI.

W.J. Minkowycz

Professor, Mechanical and Industrial Engineering

W.J. Minkowycz was given the A.V. Luikov Medal from the National Academic of Sciences of Belarus for his valuable contributions to the development of heat and mass transfer science and achievement of remarkable scientific results, as well as for his contributions to the development of international cooperation between heat and mass transfer scientists.

Sohail Murad

Professor and Head, Department of Chemical Engineering

Sohail Murad was named University Guest Professor by the President of Nanjing University in recognition of his significant contributions to research in field.

Krishna Reddy

Professor, Department of Civil and Materials Engineering

Krishna Reddy was named Fellow of the American Society of Civil Engineers for his sustained and exceptional service to the profession. Fewer than 4% of ASCE members hold this honor.

Philip S. Yu

Professor, Department of Computer Science

Philip S. Yu was given the Institute of Electrical and Electronics Engineers Computer Society Technical Achievement Award for his pioneering and fundamentally innovative contributions to the scalable indexing, querying, searching, mining and anonymization of big data.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Jerry Bona

Professor, Department of Mathematics, Statistics, and Computer Science

For his fundamental contributions to the understanding of nonlinear waves, Jerry Bona has been elected as a Society of Industrial and Applied Mathematics (SIAM) Fellow.

Jerry Bona was also elected Fellow of the American Mathematical Society. The Fellows of the AMS designation recognize members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Richard Cavanaugh

Associate Professor, Department of Physics

Richard Cavanaugh received the National Science Foundation Early Career Award, given to junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations.

Laura DeMarco

Professor, Department of Mathematics, Statistics and Computer Science

Laura DeMarco was elected Fellow of the American Mathematical Society. The Fellows of the AMS designation recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

John D'Emilio

Professor, Department of History and Gender and Women's Studies

John D'Emilio's work was recognized with three major external awards. He was given the Bill Whitehead Award for Lifetime Achievement from Publishing Triangle for his pioneering work in the field of gay and lesbian studies. The award, named in honor of the legendary editor of the 1970s and 1980s, annually honors a gay or lesbian writer. D'Emilio also received the Roy Rosenzweig Distinguished Service Award from the Organization of American Historians in recognition of scholarship that has enriched our understanding and appreciation of American history. Finally, the book *My Desire for History: Essays in Gay, Community, & Labor History*, co-written by D'Emilio with Allan Bérubé and Estelle Freedman, received the John Boswell Book Prize by the Committee on LGBT History, an affiliated society of American Historical Association. The John Boswell Prize recognizes an outstanding book on lesbian, gay, bisexual, transgender, transsexual, and/or queer (LGBTQ) history published in English.

Molly Doane

Assistant Professor, Department of Anthropology

Molly Doane was given the Latin American Studies Association's Mexico Book Award for *Stealing Shining Rivers: Agrarian Conflict, Market Logic, and Conservation in a Mexican Forest*, judging it to be the best book on Mexico in the social sciences published in 2012. In giving the award, the award's committee highlighted the book's interdisciplinary approach to the intersections of environmental and social concerns in contemporary Mexico.

Lawrence Ein

Distinguished Professor, Department of Mathematics, Statistics, and Computer Science

Lawrence Ein was named Fellow of the American Mathematical Society. The Fellows of the AMS designation recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Samuel Fleischacker

Professor, Department of Philosophy

Samuel Fleischacker was named Fellow of the Center for Advanced Study in Behavioral Sciences. Since 1954, CASBS fellowships have been awarded to scholars working in a diverse range of disciplines, including the five core social and behavioral disciplines of anthropology, economics, political science, psychology and sociology, as well as scholars from a wide range of humanistic disciplines, education, linguistics and the biological sciences.

Paul Fong

Professor Emeritus, Department of Mathematics, Statistics, and Computer Science

Paul Fong was named Fellow of the American Mathematical Society. The Fellows of the AMS designation recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Susan Friedlander

Professor Emerita, Department of Mathematics, Statistics and Computer Science

Susan Friedlander was named Fellow of the American Association for the Advancement of Science. Election as a fellow is an honor bestowed upon AAAS members by their peers in recognition of distinguished efforts to advance science or its applications.

Cecilia Gerber

Professor, Department of Physics

Cecilia Gerber is now serving on the High Energy Physics Advisory Panel for the National Science Foundation.

Chris Grein

Professor, Department of Physics

Chris Grein was recognized as a Fellow of the American Physical Society. The award is given in recognition of his achievements in novel superlattice-based infrared detectors and emitters. Election to Fellowship in the American Physical Society is limited to no more than

one half of one percent of the membership in recognition of outstanding contributions to physics.

Stephen Guggenheim

Professor, Department of Earth and Environmental Sciences

Stephen Guggenheim was given the Marilyn and Sturges W. Bailey Distinguished Member Award of the Clay Minerals Society. Guggenheim was recognized for “scientific eminence as represented by publication of outstanding original research in clay science.

Rooshey Hasnain

Visiting Clinical Assistant Professor, Department of Asian American Studies

Rooshey Hasnain was appointed as a member of the Illinois Rehabilitation Council by Governor Patrick Quinn.

Steven Hurder

Professor Emeritus, Mathematics, Statistics, and Computer Science

Steven Hurder was elected Fellow of the American Mathematical Society. The Fellows of the AMS designation recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Robert Kaestner

Professor, Department of Economics

Director of Graduate Studies

Robert Kaestner was awarded a National Center for Health Sciences/AcademyHealth Health Policy Fellowship. The fellowship program brings visiting scholars in health services research-related disciplines to the National Center for Health Statistics in Hyattsville, MD for a period of 13 months to conduct studies of interest to policymakers and the health services research community.

Louis Kauffman

Professor, Department of Mathematics, Statistics, and Computer Science

Louis Kauffman was elected Fellow of the American Mathematical Society. The Fellows of the AMS designation recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Maria Krysan

Professor, Department of Sociology

Maria Krysan was given the Oliver Cromwell Cox Article Award by the American Association’s Section on Racial and Ethnic Minorities. This annual award recognizes sociologically-related books published in the last two years (2011 or 2012 publication date) that make a distinguished and significant contribution to the eradication of racism.

Alejandro L. Madrid

Associate Professor, Department of Latin American and Latino Studies

Alejandro L. Madrid was given the Ruth A. Solie Award of the American Musicological Society, given annually to honor a collection of musicological essays in any language and in any country. The prize committee included scholars from Harvard University, the University of Chicago, Northeastern University, the University of Texas at Austin, and the University of Alberta. The committee wrote that Madrid’s anthology “is a dynamic example of new geographical and cultural realms of musical scholarship.”

David Marker

Professor, Department of Mathematics, Statistics, and Computer Science

David Marker was elected Fellow of the American Mathematical Society. The Fellows of the AMS designation recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Deirdre McCloskey

Distinguished Professor, Department of Economics

Deirdre McCloskey was elected Fellow of the American Association for the Advancement

of Science for her outstanding contributions to world economic history and for provocative scholarship on the practice of economics, extending the field in humanistic and scientific ways.

John McDonald

Professor Emeritus, Department of Economics

John McDonald was given the David Ricardo Medal by the American Real Estate Society for his outstanding and extended influence on real estate research and thought. The David Ricardo Medal represents the highest recognition by ARES of scholarly work in the real estate discipline by recognizing a person who has created a significant body of published research.

Dirk Morr

Professor, Department of Physics

Dirk Morr was elected Fellow of the American Physical Society. The award is given in recognition of his contributions to the theory of strongly-correlated electron materials and complex phenomena at the nanoscale. Election to Fellowship in the American Physical Society is limited to no more than one half of one percent of the membership and serves as recognition of outstanding contributions to physics.

He also was elected Research Fellow at the Alexander von Humboldt Foundation to conduct research at the Max Planck Institute for the Physics of Complex Systems in Dresden, Germany. Morr will use this Fellowship to collaborate with research groups in Dresden to understand the emergence of strong correlation effects in heavy fermion materials

Mareike Mueller

Clinical Assistant Professor, Department of Germanic Studies

Mareike Mueller was given the Canadian Association of University Teachers of German Dissertation Award.

Zinon Papakonstantinou

Assistant Professor, Department of Classics and Mediterranean Studies

Zinon Papakonstantinou was given an Alexander von Humboldt Fellowship for Experienced Researchers for his project *Cursing for Justice. Magic and the Lawcourts in Classical Athens*. Papakonstantinou will be hosted by the Department of History at the University of Hamburg.

James Pellegrino

*Distinguished Professor of Education, Department of Curriculum and Instruction
(College of Education)*

Professor, Department of Psychology (College of Liberal Arts and Sciences)

James Pellegrino was given the American Educational Research Association's Robert L. Linn Distinguished Address Award for his contributions to the field over the past 40 years. The award honors a scholar whose work bridges educational measurement and another significant area of research, such as assessment policy or curriculum instruction, and has resulted in a widespread, positive impact on the field of educational measurement.

Vera Pless

Professor Emerita, Department of Mathematics, Statistics, and Computer Science

Vera Pless was elected Fellow of the American Mathematical Society. The Fellows of the AMS designation recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Roy Plotnick

Professor, Department of Earth and Environmental Sciences

Roy Plotnick was elected Fellow of the Paleontological Society for his significant contributions to paleontology through research, teaching or service to the profession, and for a substantial record of high-quality work in the profession. The Paleontological Society is an international nonprofit devoted exclusively to the advancement of the science of paleontology.

Additionally, Roy Plotnick was elected Fellow of the Geology Society of America. The Fellowship is as honor that recognizes those who have made distinguished contributions to the geosciences.

David Radford

Professor Emeritus, Department of Mathematics, Statistics, and Computer Science

David Radford was elected Fellow of the American Mathematical Society. The Fellows of the AMS designation recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Roger Reeves

Assistant Professor, Department of English

Roger Reeves has received a Pushcart Prize, which recognizes the most outstanding poems, short stories, essays, and works published in small presses. The prize was first established in 1976 and has brought recognition to writers such as Raymond Carver, Tim O'Brien, Jayne Anne Phillips, Charles Baxter, Andre Dubus, Susan Minot, Mona Simpson, John Irving and Rick Moody.

Beth E. Richie

Professor, Department of African American Studies

Director, Institute for Research on Race and Public Policy

Beth E. Richie has received an honorary Doctor of Laws Degree from the City University of New York for her research on women and youth issues at Rikers Island Correctional Facility.

Siva Sivananthan

Professor, Department of Physics

Siva Sivananthan was elected Fellow of the Society of Photo-optical Instrumentation Engineers. The award was given in recognition of his contributions to the development of II-VI photovoltaic materials.

Additionally, Sivananthan was named a White House Champion of Change for his work with a semiconductor material, mercury cadmium telluride or MCT. This material is at the heart of the night vision technology that US troops use. The honor recognizes immigrant innovators and entrepreneurs—the best and brightest from around the world who are helping create American jobs, grow the economy and make our nation competitive in the world.

Sivananthan also received the Outstanding American by Choice (ABC) Award. The recipients of this honor demonstrate a commitment to this country and to the common civic values that unite us as Americans. The ABC initiative acknowledges naturalized U.S. citizens with outstanding civic and professional achievements.

Stephen Smith

Professor Emeritus, Department of Mathematics, Statistics, and Computer Science

Stephen Smith was elected Fellow of the American Mathematical Society. The Fellows of the AMS designation recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Bhama Srinivasan

Professor Emerita, Department of Mathematics, Statistics, and Computer Science

Bhama Srinivasan was elected Fellow of the American Mathematical Society. The Fellows of the AMS designation recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication and utilization of mathematics.

Carol Stein

Professor, Department of Earth and Environmental Sciences

Carol Stein was elected Fellow of the Geological Society of America. The Fellowship is as honor that recognizes those who have made distinguished contributions to the geosciences through such avenues as publications, applied research, teaching, administration of

geological programs, contributing to the public awareness of geology, leadership of professional organizations, and taking on editorial, bibliographic, and library responsibilities.

John Tauras

Associate Professor, Department of Economics

John Tauras was appointed Scientific Advisor to the American Cancer Society, and also Senior Scientific Consultant to the Centers for Disease Control and Prevention. Additionally, Tauras was made president of the Illinois Economic Association, a professional organization dedicated to the promotion of high-quality research and teaching in Economics.

Luis Alberto Urrea

Professor, Department of English

Luis Alberto Urrea's novel *Into the Beautiful North* is one of three new titles selected for The Big Read program in 2013-2014. Through The Big Read, selected communities develop reading programs to celebrate one of 34 selections from U.S. and world literature. Urrea's national best-seller joins an exclusive list of works by legendary writers such as F. Scott Fitzgerald, John Steinbeck and Mark Twain. Urrea also received an Honorary PhD from Loyola University Chicago.

Nikos Varelas

Professor, Department of Physics

Nikos Varelas was elected Senior Fellow of the LHC (Large Hadron Collider) Physics Center at Fermilab (known as the LPC). The LPC serves as a resource and physics analysis hub primarily for the seven hundred U.S. physicists working on the (CMS) Compact Muon Solenoid experiment. On October 8th, 2013, the 2013 Nobel Prize in Physics was awarded to theorists Peter Higgs and Francois Englert "for the theoretical discovery of a mechanism that contributes to our understanding of the origin of mass of subatomic particles, and which recently was confirmed through the discovery of the predicted fundamental particle, by the ATLAS and CMS experiments at CERN's Large Hadron Collider". The Higgs Boson represents the sole missing piece of the Standard Model of Particle Physics that explains the fundamental makeup of the universe.

Roger Weissberg

Distinguished Professor, Department of Psychology

Roger Weissberg was elected Member of the National Academy of Education. The National Academy of Education (NAEd) advances the highest-quality education research and its use in policy formation and practice.

Ho-Ung Yee

Assistant Professor, Department of Physics

Ho-Ung Yee was given the Stony Brook Postdoctoral Achievement Award "for groundbreaking work on QCD at high temperature." According to colleague Professor Dmitri Kharzeev, "Dr. Yee's work on quantum anomalies in hydrodynamics is ground-breaking, and has broad implications for the physics of plasma, condensed matter systems, and even cosmology of the Early Universe."

COLLEGE OF MEDICINE

Sepideh Amin-Hanjani

Professor, Department of Neurosurgery

Sepideh Amin-Hanjani was elected Chair of the American Association of Neurological Surgeons/Congress of Neurological Surgeons Cerebrovascular Section. This position is given to experts and leaders in the field of neurosurgery.

Fady T. Charbel

Professor, Department of Neurosurgery

Fady T. Charbel recently presented the Peardon Donaghy Lecture at the 81st Annual American Association of Neurological Surgeons Meeting. This is a highly recognized and

honorable distinction given to experts and leaders in the field of neurosurgery. Charbel also gave the John Abele Lecture, a distinction which marks him as an international expert in the field of neurosurgery.

Evelyn Figueroa

Associate Professor, Department of Family Medicine

Evelyn Figueroa was named the Illinois Academy of Family Medicine Teacher of the Year. The award is presented to one salaried family medicine physician each year and highlights that faculty member's contributions to the primary component of academic medicine: teaching. Figueroa was nominated for her impact on the education and development of fine family physicians in the UIC system.

Mark H. Gonzalez

Professor and Head, Department of Orthopaedics

Mark H. Gonzalez was given the American Academy of Orthopaedic Surgeons 2013 Diversity Award. The Diversity Award recognizes excellence in promoting diversity in orthopaedics and identifies living Academy Fellows and Emeritus members who have distinguished themselves through their outstanding commitment to making orthopaedics more representative of and accessible to the diverse population it serves.

John Hickner

Professor and Head, Department of Family Medicine

John Hickner was elected Editor-in-Chief of the *Journal of Family Practice* based on his reputation as a family medicine physician, educator, and researcher. Hickner had previously served in various editorial roles for the journal, which enjoys a stellar reputation and has a monthly audience of over 35,000.

E. Douglas Lewandowski

Professor, Department of Physiology & Biophysics

E. Douglas Lewandowski was elected Fellow of the International Society for Heart Research. Fellows are selected solely on the basis of scientific excellence, as evidenced by an established track record of publications in high-impact journals. Additional fellows are appointed every three years, and the total number of fellows never exceeds 5% of society membership.

Anna Lysakowski

Professor, Department of Anatomy and Cell Biology

Anna Lysakowski was recognized with the Best Oral Presentation Award at the Brain Prize Meeting for her talk entitled "The Striated Organelle in Inner Ear Hair Cells." Lysakowski gave what was judged to be the best oral presentation at the conference.

Lysakowski was also named a US-UK Fulbright Scholar. The Fulbright Fellowship is a highly competitive program that provides merit-based grants for international educational exchange for students, scholars, teachers, professionals, scientists and artists.

Asrar B. Malik

Schweppes Family Distinguished Professor and Head, Department of Pharmacology

Asrar B. Malik was given the SHOCK Society's Scientific Achievement Award in recognition of his exemplary work in the field of endothelial permeability as well as commitment and dedication to furthering our knowledge of inflammation and organ injury. The SHOCK Society established this award in 1997 to honor extraordinary scientists who have made outstanding contributions to the field of trauma, shock and sepsis.

Larisa Nonn

Assistant Professor, Department of Pathology

Larisa Nonn received the Society for Basic Urologic Research Young Investigator Award, given to SBUR members under the age of 40 who have made significant contributions to urologic research.

Luan Phan

Visiting Professor, Department of Psychiatry

Luan Phan was given the Presidential Early Career Award for Scientists and Engineers for his biomedical discovery of brain mechanisms of post-traumatic stress disorder and its treatment in veterans returning from military combat in Iraq and Afghanistan. PECASE is the highest honor bestowed by the United States government on science and engineering professionals in the early stages of their independent research careers. Phan was one of 96 scientists and engineers selected and one of only a very small group of physician scientists.

Mrinalini Chatta Rao

Professor, Department of Physiology & Biophysics

Mrinalini Chatta Rao was named Fellow of the American Association for the Advancement of Science for distinguished contributions to the gastroenterological field, particularly to intestinal epithelial transport, and for leadership in academic affairs and diversity. Election as a fellow is an honor bestowed upon AAAS members by their peers for socially distinguished efforts to advance science or its applications.

Konstantin Slavin

Professor, Department of Neurosurgery

Konstantin Slavin was elected President of the American Society for Stereotactic and Functional Neurosurgery. His selection is testament to his expertise in the field of neurosurgery. Slavin was also named Director-at-Large of the International Neuromodulation Society. Directors are recognized as leaders and experts in the field neurosurgery.

Keith R. Thulborn

Professor, Department of Radiology

Director for Center of MR Research

Keith R. Thulborn was named a Fellow of the International Society of Magnetic Resonance in Medicine. This award is given to members of ISMRM for being authorities in the field of Magnetic Resonance Imaging.

COLLEGE OF NURSING

Karen Dunn Lopez

Assistant Professor, Department of Health Systems Science

Karen Dunn Lopez was given the Midwest Nursing Research Society Junior Researcher Award for the Health Systems, Policy, and Informatics Research Interest Group. This award; given to one junior researcher per year whose publications show strong potential for making an impact in the areas of health systems, policy and informatics; recognizes Lopez's early career work as principal investigator and co-investigator in intra and extramural research.

Mary Dawn Hennessy

Assistant Professor, Department of Women, Children, and Family Health Science

Mary Dawn Hennessy was given the Midwest Nursing Research Society Women's Health & Transitions in Childbirth New Investigator Award. This distinction is presented to a member who has received her/his doctoral degree within the past five years and who has a program of research with high potential for translation into practice and/or the ability to enhance nursing science in areas related to women's health and/or childbearing transitions.

Hennessy also was named an Irving Harris Faculty Scholar to fund a research program that shows high potential and/or the ability to enhance nursing science in areas related to women's health and/or childbearing transitions.

Krista Lynn Jones

Clinical Assistant Professor, Health Systems Science

Krista Lynn Jones was granted an Illinois Board of Higher Education Nursing Fellowship. The purpose of the Nurse Educator Fellowship Program is to ensure the retention of well-qualified nursing faculty at institutions of higher learning that award degrees in nursing.

Mi Ja Kim

*Professor, Biobehavioral Health Science
Dean Emerita*

Mi Ja Kim was named an American Academy of Nursing Living Legend, the highest honor for an Academy Fellow. Kim is only one of 82 Living Legends in the country.

Carrie Klima

Clinical Associate Professor, Department of Women, Children, and Family Health Science

Carrie Klima was named Fellow in the American College of Nurse Midwives in recognition of her long-time service to the ACNM and the profession of midwifery. She was also named Gary Gardner Healthcare Provider Award from the Illinois Maternal and Child Health Coalition, recognizing her as “provider of the year” in improving maternal and child health in Illinois.

Eva Smith

Associate Professor Emerita, Department of Biobehavioral Health Science

Eva Smith was inducted into the Institute of Excellence of the National Black Nurses Association in recognition for her exemplary work that models and fosters the reduction of health disparities and informs policy.

Diana Wilkie

Professor and Harriet H. Werely Endowed Chair for Nursing Research, Department of Biobehavioral Health Science

Diana Wilkie was elected to the Institute of Medicine, considered one of the highest honors in the fields of health and medicine, on the grounds of her history of outstanding professional achievement and commitment to service.

COLLEGE OF PHARMACY

Marlowe Djuric-Kachlic

Clinical Professor, Department of Pharmacy Practice

Marlowe Djuric-Kachlic was honored with the Distinguished Young Pharmacists Award by the Illinois Pharmacists Association. The award honors an up-and-coming pharmacist who shows outstanding commitment to the profession and his/her community, leadership potential, professional aspirations, and involvement in community service. It is one of Association's most prestigious awards.

Donna Kraus

Associate Professor, Pharmacy Practice

Donna Kraus has won the Richard A. Helms Award of Excellence in Pediatric Pharmacy Practice, presented by the Pediatric Pharmacy Advocacy Group Board of Directors. The Helms Award recognizes sustained and meritorious contributions to PPAG and to pediatric pharmacy practice, and contributions of importance to education, new knowledge, and outreach.

Henri Manasse

*Professor, Pharmacy Systems Outcomes and Policy
Dean Emeritus*

Henri Manasse has won the Donald E. Francke Medal from the American Society of Health-System Pharmacists. Manasse was recognized for his work in raising the visibility of health-system pharmacists as key players in medication safety in many countries and World Health Organization regions. The Francke Medal was established by ASHP to honor individuals who have made significant contributions to international pharmacy practice. It is one of the association's most prestigious awards

Alexander Mankin

Professor, Medicinal Chemistry and Pharmacognosy

Director, Center for Pharmaceutical Biotechnology

Alexander Mankin received the Paul R. Dawson Biotechnology Award from the American Association of Colleges of Pharmacy. The award recognizes an active scientist within pharmacy education who is a leader in the teaching of biotechnology and its related science. Mankin distinguished himself with several breakthrough contributions that put him in the front line of antibiotic research. It is one of association's most prestigious awards.

Nicholas Popovich

Professor, Pharmacy Systems, Outcomes and Policy

Associate Dean for Professional Development

Nicholas Popovich was named Pharmacist of the Year by the Illinois Pharmacists Association for his dedication to the profession and to instilling enthusiasm in those around him, especially students. The award recognizes an Illinois pharmacist who has made outstanding contributions to pharmacy practice, the profession, and the Illinois Pharmacists Association. Initiated in 1950, the award is the association's oldest continuing honor.

SCHOOL OF PUBLIC HEALTH

Jay Olshansky

Professor, Department of Epidemiology and Biostatistics

Jay Olshansky was named Fellow of the Gerontological Society of America. Olshansky was honored for his service, scholarly achievements, and demonstrated leadership in the area of aging/gerontology. Fellowship in the GSA is the highest class of membership within the society and is an acknowledgement of outstanding and continuing work in the field.

COLLEGE OF URBAN PLANNING AND PUBLIC AFFAIRS

Ting-Wei Zhang

Professor, Department of Urban Planning & Policy

Ting-Wei Zhang won Best Planning Article of 2011 from the Urban Planning Society of China, the country's preeminent planning society.

TEACHING RECOGNITION PROGRAM

Mark Brodie

Associate Professor, Department of Physiology and Biophysics

College of Medicine

As a non-tenure track Research Associate Professor, Mark Brodie wasn't initially hired to be a great teacher. But he quickly became one. "I realize that the information I am providing the students serves as a foundation for their subsequent learning," he says. "If I do my job well, the students' futures are easier, and if do my job poorly, their futures will be more difficult. I take my teaching responsibility seriously." Now an Associate Professor in Physiology and Biophysics, Brodie excels as a teacher in three different areas – as Topic Chairperson for the Neurophysiology section of the Medical Physiology course, as a lecturer in the School of Pharmacy, and as a mentor and instructor to his own graduate students. Brodie believes his pedagogical approach can be divided into classroom teaching, individual laboratory training, and graduate instruction. In each setting Brodie expertly tailors his methods to fit the knowledge and experience of his audience, earning a reputation for bringing students with little knowledge of neuroanatomy up to speed.

Marsha Cassidy

*Lecturer, Department of English
College of Liberal Arts and Sciences*

Working in the fields of popular culture and media, Marsha Cassidy has won numerous teaching awards for her ability to help students examine the most overlooked aspects of their everyday lives. Cassidy's commitment "to make the familiar unfamiliar" in popular culture has led her to develop and enhance her use of technology in the classroom, transforming the students' primary transmitter of media into the lens through which media is analyzed. A recipient of a CIG grant from CETL, Cassidy redesigned English 110 as a blended course, incorporating online discussion and interaction to help students gain proficiency in understanding film genre theory, mastering the visual vocabulary of film making, and critically interpreting popular cinema. She also utilizes creative projects such as oral histories, wiki pages, and "genre translations" to work in conjunction with her rigorous analytical assignments. "It is to enrich and complicate students' lasting engagement with popular literature, film, television, and the Internet that motivates my creative teaching methods, my curricular work, and my devotion to innovative course design," she says.

Danilo Erricolo

*Professor, Department of Electrical and Computer Engineering
College of Engineering*

In order to excel in STEM fields, the National Science Board advises teachers to expose undergraduates to research activities as early as possible. Danilo Erricolo embraces that philosophy throughout every aspect of his teaching. Presenting real-life applications of concepts students will learn during the course (including his relevant research results) Erricolo saturates his classroom in the knowledge students need to find solutions when they begin their own work. To that end, Erricolo believes in putting his students in contact with working professionals, inviting a number of distinguished speakers every year to speak with his class. And because he often teaches Ph.D., Master's, and undergraduate students in the same class—each with different goals and expected outcomes—Erricolo takes the extra time to diagnose student weaknesses in order to address them head on. "Teaching challenges me to continuously evaluate the best way to present complex concepts to students of wide-ranging abilities," he says. "I succeed in teaching students how to identify and break down complex problems and formulate the most efficient solutions."

Olga Evdokimov

*Associate Professor, Department of Physics
College of Liberal Arts and Sciences*

Because experimental methods change rapidly, students of modern science need the proper physical and methodological tools. In updating the undergraduate physics curriculum, Olga Evdokimov began by modernizing the experimental apparatus to familiarize undergraduates with contemporary laboratory studies. Evdokimov then spearheaded major curriculum changes, incorporating scientific simulations and computer modeling as core components. In a world where most physics sub-fields routinely deal with increasingly large data volumes, Evdokimov has ensured that her students have the computational background necessary to analyze and process experimental data. But regardless of these technical changes, Evdokimov believes that good science emerges from developing a sharp mind. "I believe that teaching should focus on the development of a critical and vivid mind in the first place, helping students to become ultimately successful in their own pursuits," she says. "Regardless of their individual life paths, I see my role as helping to guide the students towards reaching their full potential."

Robert Johnston

*Associate Professor, Department of History
College of Liberal Arts and Sciences*

Perhaps the greatest challenge of teaching history is to help students see that the past is much more than a collection of facts – it is a site of rigorous intellectual and interpretive conflict. To make history come alive for his students, Robert Johnston transforms his classroom into a laboratory where once-dormant facts come alive through democratic debate. “I see no reason why students at all levels cannot learn to think like a professional historian, and that is why conflicts over interpretations are at the center of my pedagogy,” Johnson says. In addition to his superb work in the classroom, Johnston has taken a lead role in cultivating future teachers of history. He is currently involved in the U.S. Department of Education’s Teaching American History (TAH) program, and has served as academic director for three million-dollar TAH grants in the greater Chicago area. Moreover, in keeping with UIC’s public mission, Johnston serves as the Chancellor’s representative on the board of the Chicago Metro History Education Center, ensuring that his insights extend beyond his own students and reach classrooms across the state.

Jason Leigh

*Professor and Director, Department of Computer Science
College of Engineering*

Jason Leigh wants to prepare his students for careers they can be passionate about. To that end, Leigh has developed curricula addressing both the internal passions and the external interests of his students. Leigh has initiated a *Human-Centered Computing Concentration* for undergraduates, emphasizing the knowledge and skills needed for professional practice in areas such as user interface design, videogame computer graphics, movie special effects, and scientific visualization. Most importantly, as Director of the UIC Electronic Visualization Laboratory, Leigh has integrated the advanced visualization, virtual-reality, and collaboration hardware / software from his research into his courses. By the time his students graduate they will have mastered the newest technologies available on the market, making them attractive to potential employers. “I am a strong advocate of collaboration and interdisciplinary teams,” Leigh says. “All my courses are structured the same – students work in teams to develop projects by the end of the semester. My only criterion to pass is that the project works.”

Matt Liotine

*Clinical Associate Professor, Department of Information and Decision Sciences
College of Business Administration*

Unlike other programs, a typical MBA class is comprised of people from all walks of life – people from operations, sales, marketing, technology, and engineering backgrounds as well as working professionals like policemen, nurses, and physicians. As an instructor, Liotine understands his primary challenge is to level the playing field by translating core concepts of decision making into a language that everyone can comprehend. In doing so, his students develop a fundamental understanding of basic principles that will allow them to make quick and effective decisions in real time without needing to consult books, notes, or instructors. “My mantra has always been that change is what life is all about,” he says. “Employers are going to hire our students for one main reason – to solve problems by making changes.” Liotine trains his students to reduce unwieldy complex problems into a set of smaller, tractable ones, because incremental solutions are typically more successful than sweeping changes. Drawing upon his experience working in the Chicago area, Liotine has enjoyed enormous success in preparing his students for this working environment and feels best when his students do well without his immediate guidance.

Jane Marone

*Clinical Associate Professor, Department of Kinesiology and Nutrition
College of Applied Health Sciences*

After twenty years in the classroom, Jane Marone has learned that successful teaching involves tremendous dedication and commitment. But that's a given. Being a good teacher requires more. "It requires the ability to see into the students' minds and to identify misconceptions," she says. "It involves work, and the patience to gently remind students that learning is work and requires focused time. It is also a labor of love. My choice to pursue it is one of the best decisions I ever made." Over the course of her career, Marone has actively transformed her pedagogy from presenting a string of facts to an exercise in concept mapping. She now condenses human physiology into eight different biological concepts and explains to students that these processes appear in every system, but are housed in different tissues and dressed up with different names. In human anatomy, Marone has created a "navigation module" to help students think and plan their way through human dissection by conceptually relating structures to one another. Marone's techniques have been so successful, in fact, that she has published her pedagogical findings in several journals.

Kara Morgan-Short

*Assistant Professor, Department of Hispanic and Italian Studies and Psychology
College of Liberal Arts and Sciences*

Kara Morgan-Short encourages learning by creating tasks that are relevant to her students' motivations. Teaching both the practice and the science of second language acquisition, Morgan-Short often leads classes that combine MA students—who are primarily interested in practical implications—with doctoral students from Psychology and Linguistics who have extensive backgrounds in theory and research methods. To make the material meaningful to both groups, Morgan-Short asks her students to carry out small-scale studies, the results of which are presented in a public forum. Her students are thus still accountable for reviewing and synthesizing previous research, but they also gain a clear appreciation for validity and reliability issues in research design as well as a deeper understanding of the topic that interests them because they are contributing data that is informative to that topic. "By following the principles of knowing my students, engaging them in using knowledge, and developing my teaching and mentoring, I strive to challenge both my students and myself," she says. "In meeting this challenge, it is my goal that interesting and viable doorways are opened as my students use their newly acquired knowledge and skills to be more engaged in the world."

Anna Organ-Boshes

*Clinical Assistant Professor, Department of Restorative Dentistry
College of Dentistry*

For Anna Organ-Boshes, being an excellent teacher means success in multiple areas at the same time. As an undergraduate instructor, Organ-Boshes has been presented with five Golden Apple Teaching Awards for outstanding teaching by the undergraduate dental cohort. As course director of preclinical fixed prosthodontics, she has been responsible for developing all didactic course documents including lectures, instructional videos, written examinations, and review sessions for the practical and written examinations. Because these instructional materials have been particularly helpful, Organ-Boshes makes them available at the beginning of the course so that pre-clinical students lacking practical experience can enter the classroom engaged and ready to learn. She also conducts a successful mid-semester review of her courses in order to quickly and effectively incorporate student feedback. "All teachers must strive to be excellent educators," she says. "Becoming a great teacher is a life-long process. My dream is to be an excellent teacher who makes a difference in the lives of my students."

Dale Reed

*Lecturer, Department of Computer Science
College of Engineering*

If the prospect of studying computer programming seems dry, you haven't taken a class with Dale Reed. After working with Gail Chapman, a nationally-known computer science teacher and author, Reed has transformed his classroom into a model of pedagogical efficiency. Reed believes that concepts should be presented alongside corresponding problems so that every new idea can be immediately put to use. His students are solicited to respond to lectures in small groups, activating prior knowledge as they formulate key concepts in their own words. Reed also incorporates as many modes of learning as possible, having students vocalize, visualize, and physically act out scenarios in class before stopping to address any sticking points they might have. He has been a remarkably effective communicator of key concepts, and as director of recruitment for Computer Science, Reed has given over 340 presentations to approximately 10,000 Chicago area high school students. "Our students aren't here because they're necessarily wealthy or well-connected, but because their education here will change their lives," Reed says. "UIC is education at its best, making dreams a reality. I am privileged to teach here, sending my students onward well-equipped."

Kevin Schultz

*Associate Professor, Department of History
College of Liberal Arts and Sciences*

Teaching history in an age of visual media and technological reproduction can be a daunting task. Kevin Schultz has addressed this challenge by insisting upon history's ability to create meaning out of dead facts of the past. "We have to develop creative and interesting ways to explain our material, all while shedding light on the reason why our students need to know the past anyway," he says. "That's what I see as my task." Schultz has single-authored a college-level textbook that features an innovative approach to teaching American history, offering a short narrative text supplemented with abundant digital links and computerized modules designed to meet students where they are – online and accustomed to the flexibility to go where their interests lie. He also co-edits a blog that has become a central warehouse for beginning or experienced college teachers in history. They discuss which materials work and when innovative pedagogical techniques can improve student learning in particular settings. Schultz incorporates these ideas into his own classes, utilizing a narrative approach that not only invites students to locate interesting questions, but pushes them to see how history is a collection of dynamic questions rather than predetermined facts.

Inmaculada Taboada

*Clinical Assistant Professor, Department of Hispanic and Italian Studies
College of Liberal Arts and Sciences*

Inmaculada "Inma" Taboada's connection with her students is a lot like the material she teaches—extensive and rewarding. "The teacher education program allows me to have a close relationship with students," she says. "From the moment they declare their major, I am their academic advisor, their professor, and their field supervisor." The range of Taboada's teaching responsibilities begins with the most basic introductory linguistics courses and extends through graduate courses on foreign language teaching methodology. Perhaps Taboada's most important responsibility is ensuring her students understand the different types of learning and can adapt their instruction to meet specific needs. She often works with students to create adaptable models that are modified to suit varying degrees of experience and learning styles. In addition to these classroom activities, Taboada has also created a new MAT certification program designed to help students who majored in Spanish rather than in Teaching of Spanish become proficient and capable teachers. Considering the performance of her students, her extensive involvement has been time well spent.

Elizabeth Weber

*Clinical Associate Professor, Department of French and Francophone Studies
College of Liberal Arts and Sciences*

Elizabeth Weber is currently Director of the French Basic Language Program and Interim Director of the Language and Culture Learning Center. She also oversees the curricula for all the French Basic Language Program Courses. But it is her ability to effectively teach a broad range of classes—from contemporary French language, film, culture, and literature, to graduate seminars on medieval and early modern literature and culture—that has distinguished her. Weber's experience teaching medieval culture shows that students respond with enthusiasm to well-contextualized canonical texts from every period. And, because students absorb material better when they are involved in choosing, interpreting and presenting it to others, she emphasizes a combination of individualized research and writing coupled with guided peer review. Weber has been particularly successful in developing a class that asks students to perform a series of mini-research projects, reaction papers, and analyses that guide them to consider the importance of location in a variety of texts. This class, for which she created an interactive map based on student research, was selected as an outstanding Gen Ed class in Spring 2012.

UNIVERSITY SCHOLAR AWARDS

Carol Ferrans

*Professor and Associate Dean, Department of Biobehavioral Health Sciences
College of Nursing*

Carol Ferrans has been an exemplary nurse educator, scholar, and researcher for more than 25 years. Since receiving her first research grant in 1984, Ferrans has maintained a continuous program of outstanding research at UIC with grant funding totaling \$56 million, including support from the National Cancer Institute and the National Institute for Nursing Research.

Ferrans is a trailblazer in the field of quality of life (QOL) research and health care disparities. Her groundbreaking work in defining and measuring QOL from the patient's perspective has informed clinical decision-making, provision of supportive services, and health policy. In fact, her program of research has had worldwide impact on the field of QOL assessment through the development of the Ferrans and Powers Quality of Life Index (QLI), which is now available in 21 languages in over 30 countries. Ferrans's research in this area was instrumental in demonstrating to the National Institutes of Health, and the world, that QOL must be a core outcome variable in all types of clinical trials.

Ferrans's work in eliminating health disparities has also had a profound local impact. Chicago has one of the largest disparities in breast cancer mortality in the nation. Her discovery of cultural stigmas surrounding mammography and diagnostic delays among African American, Hispanic, and white women led directly to state legislation aimed at removing barriers in the health care system.

Tanera Marshall

*Associate Professor, Department of Theatre and Music
College of Architecture, Design, and the Arts*

Tanera Marshall is one of America's leading scholars of vocal production and speech regionalisms. In a field where practical research and creative activity are considered two sides of the same coin, Marshall's work successfully transcends both areas, connecting art with science and linguistic research with creative performance.

As a researcher, Marshall has broken significant new ground as collector of dialects and accents, especially with Native American and Trinidadian sources. Phase I of her major research project, Collection and Analysis of Native American Dialects of English, is a unique addition to the history of language and culture. Her contributions to The

International Dialects of English Archive (IDEA)—the pre-eminent resource in her field—are particularly noteworthy because they concentrate on under-represented populations. Furthermore, her appointment as Associate Editor of Native American Voices for IDEA further testifies to her stature in this area.

In addition to her scholarly work, Marshall is perhaps the finest scholar / practitioner in vocal technique working today, and is the most sought-after vocal and dialect authority for the commercial film and television industry in America. Despite the vital function that the vocal coach plays in the rehearsal and performance process in theatre, film, and television, there are few truly accomplished researcher/practitioners in the field. Her research and its application in coaching can be seen in major motion pictures and touring productions of acclaimed Broadway performances, not to mention the impact she has had on UIC's own productions which have benefited immensely from her expertise.

Sudip Mazumder

Professor, Department of Electrical and Computer Engineering

College of Engineering

Sudip Manzumder is a leading expert in the field of power electronics, where he has made pioneering contributions in the areas of power-conversion-systems control, high-frequency-link inverters, and optically-switched wide-bandcap power semiconductor devices. Manzumder's research is currently shaping the world of science and engineering, and his patents are quickly being adopted by venture capitalists for use outside of academia.

Since joining UIC as an Assistant Professor in 2001, Manzumder has received 35 sponsored projects totaling about \$6.6 million. It was apparent early in his career that Manzumder would be an accomplished scientist when he earned the rare achievement of receiving both the prestigious National Science Foundation CAREER award and the Office of Naval Research Young Investigator award. He has also twice received UIC's College of Engineering Faculty Research Award for outstanding research contributions, once in 2006 and again in 2008. Mazumder has also authored 150 papers in top journals, as well as one book and six chapters.

Mazumder is also a highly visible and active member of the profession. He currently serves as an Associate Editor for three top engineering journals, and has been invited on more than 40 occasions to give presentations at leading conferences, federal agencies, industries, national labs, and universities

Nagamani Pavuluri

Professor, Director and Berger-Colbeth Chair in Child Psychiatry, Department of Psychiatry

College of Medicine

Nagamani (Mani) Pavuluri's research projects have shaped best practices in mental health services and have illuminated the synergy between multiple co-occurring mental health disorders. She has been the PI and/or Co-PI for over 35 grants, garnered significant philanthropic support for her work with an endowed Term Chair, and is a recognized leader in diagnosing and treating pediatric mood disorders.

Pavuluri's most significant contribution to the field is her work in defining brain function in bipolar disorder. Her research was the first to identify the functional brain circuits in pediatric bipolar disorder, and her cohort of fMRI studies defined how brain function abnormalities are mediated and reversed with medications. For this contribution, the Behavior and Brain Foundation awarded her the prestigious Klerman Prize. Pavuluri also pioneered in developing her algorithm of medication treatment in pediatric bipolar disorder and developed RAINBOW psychotherapy treatment for affected families as well.

Pavuluri also developed the department's Pediatric Mood Disorders Program, specializing in the diagnosis and treatment of children and adolescents with mood-related disorders.

William H. Teale

*Professor and Director, Department of Curriculum and Instruction
College of Education*

Since his arrival in 1995, William Teale has emerged as one of the foremost experts of literacy education. He has maintained a vital and rigorous program of research spanning three areas of study within literacy education: early literacy learning, the effect of technology on literacy education, and young adult literature.

With the 1986 publication of *Emergent Literacy*—the culmination of a decade’s research on how children develop literacy between preschool and early primary grades—Teale and his coauthor changed the entire field of literacy education. Teale demonstrated the significance of children’s “play” on their formal reading instruction, redescribing these activities as essential aspects of literacy acquisition. The almost \$11 million that Teale has received in the past 6 years from the U.S. Department of Education indicates how well-respected his work remains today, and how valuable he has been as a leading scholar in this area. His funding currently supports Early Reading First projects to develop and study model preschool literacy curricula for three- and four-year-old children in urban, low-income schools.

Teale has authored over 100 publications, and his seminal text *Emergent Literacy* remains in print and is still cited widely over 25 years after its initial publication.

Nikos Varelas

*Professor, Department of Physics
College of Liberal Arts and Sciences*

Nikos Varelas was hired as an Assistant Professor in 1997 to strengthen the department’s effort and impact in experimental high energy particle physics. From the very start it was clear that Varelas would not just strengthen the department, but lead it, beginning with his first major NSF three-year grant in 1998. Since that time, Varelas has become an internationally recognized expert in three major areas of particle physics research: quantum chromodynamics, quark substructure, and the hunt for the Higgs boson.

Varelas receives this award for his deep and sustained contributions to the field of high energy particle physics and, in particular, for his recent work on the incredible discovery of the Higgs particle—one of the highest priority areas of research in particle physics for several decades. His research at the CERN laboratory in Geneva Switzerland recreates hadron collisions that result in tremendous energy densities mimicking the conditions of the early universe shortly after the Big Bang. Detecting the radiation components resulting from these collisions provides us a unique window into the dynamics of the early universe as well as key insight for establishing the foundations of our theoretical understanding of our world today.

Varelas has co-authored more than 700 peer-reviewed publications that have produced more than 33,000 citations and resulted in an h-index of 83 -- an incredible feat. His achievements show he has indeed revitalized UIC’s reach in the field of particle physics.

Donald Wink

*Professor, Department of Chemistry
College of Liberal Arts and Sciences*

Donald Wink is a world expert in the field of science education. His scholarship has contributed critically to our understanding of how to teach more effectively and achieve scientific fluency within STEM fields. His leadership in curriculum and professional development for CPS high school science is evidenced by his position on a \$5M National Science Foundation Math and Science Partnership project – the Chicago Transformation

Teacher Institutes. He is also co-PI on several other grants that provided UIC with an additional \$4M in funding.

A synthetic chemist by training, Wink has published more than 75 articles in leading journals and has been invited on multiple occasions to speak at prestigious Gordon Research Conferences on Chemical Education Research. He obtained NSF support for two different college-level textbook projects which were permanently established by publication – a remarkable accomplishment considering only a handful of the many hundreds of NSF-funded curriculum and materials development projects over the last 20 years have reached this stage.

Perhaps most impressive, Wink has taken his research and theoretical expertise into local schools, working with high school teachers and students to enrich pedagogy and support educational efforts. As a result of this engagement, Wink has logged more than 1,000 hours of time in classrooms in a variety of modes, transcending the bounds of what it means to be a traditional university faculty member.

AWARD FOR EXCELLENCE IN TEACHING (AET)

Janet Lin

*Professor, Department of Emergency Medicine
College of Medicine*

Janet Lin's research investigates how to improve healthcare access and delivery of care to resource-poor settings, which has led to fieldwork in Guatemala, Haiti, and Uganda. But it's her exceptional work with students at UIC that magnifies her impact: "Because I work clinically and conduct research overseas, I am able to expand my 'classroom' to international locales, replacing the traditional school setting with a more global environment," Lin says. "I believe teaching students to think more globally helps them apply concepts universally." Indeed, Lin has been a role model for effective interdisciplinary education, integrating students and faculty from nursing, medicine, public health, and anthropology.

In Chicago, Lin has developed two of the core courses for the Global Health Concentration in the School of Public Health – "Global Health Challenges" and "Global Health Successes." Lin is unique in that she has been instrumental in curriculum development not only for the School of Public Health, but for the College of Medicine as well. She is one of several faculty members responsible for creating the new Global Medicine program, the International Emergency Medicine series, and a unique curriculum for the annual disaster preparedness drill for all third year medical students, as well as special topics sessions on both disasters and global health.

Above all, Lin's expertise in curriculum development is eclipsed only by her ability to reach people, both in the classroom and the field. She has trained and placed students in clinical, research, and administrative positions throughout Chicago and abroad. The experts she develops carry on her educational mission. "Although it's important for teachers to provide the basic knowledge and skills required to practice emergency medicine or public health, it is more important to enable our students to develop methods of thinking that will allow them to become true stewards and leaders in health professions and lifelong learners," she says.

Carol Myford

*Associate Professor, Department of Educational Psychology
College of Education*

Carol Myford's work has been invaluable in helping educators utilize formal assessment to achieve their desired goals. "My curriculum development efforts, mentorship, and teaching are strongly grounded in a pragmatist approach that emphasizes learning as a social and interactive process," Myford says, "with my role as facilitator and guide. As one who is passionate about assessment, my overarching aims are for my students to experience assessment as positive and empowering and to see its potential for enhancing their learning."

Unsurprisingly, using her own pedagogical methods has led to substantial gains, both for Myford's own students and UIC's community at large.

Within educational psychology, Myford's area of expertise focuses on issues related to assessment, specifically to rater drift. Coming from the belief that learning is a social and interactive process, she fosters a clear vision about the ways in which assessment can be used to provide guidance to students, teachers, and administrators at all levels of education. Myford has worked hand in hand with school preparation programs in many different capacities, teaching students across disciplines to create and deliver specific customized assessment courses tailored to students' specific needs, including coursework for Elementary Education, Secondary Education, School Leaders, and Assessment Professionals within the US and in South Africa, Thailand, Russia, and Australia.

Ludwig Nitsche

*Associate Professor, Department of Chemical Engineering
College of Engineering*

Ludwig Nitsche's impact on UIC's Department of Chemical Engineering cannot be overstated. Building upon feedback from the departmental External Advisory Board, alumni, colleagues, and current students, Nitsche has spearheaded a comprehensive update of UIC's chemical engineering curriculum whereby a new sophomore requirement in computational methods has been added to the bachelor's degree – an area of knowledge that has become fundamental to both researchers and employers in recent years. Nitsche also oversaw the spotless accreditation of UIC's Chemical Engineering program by developing new exit surveys, professional development seminars, educational objectives, and course materials – all while organizing this vast network of data into a cohesive system.

Nitsche is as formidable in front of a class as he is working behind the scenes; the sheer effort that Nitsche puts into planning and administering his courses is unrivaled. Crafting insightful, problem-oriented projects requires immense preparation – an area in which Nitsche shines. In return for his meticulous attention to detail, Nitsche expects the absolute best from his students. Trained at Cambridge and M.I.T., Nitsche elevates his courses to the same level that would be expected at those institutions. "I feel that the greatest failure a teacher can make is the failure of expectation," he says, "of underestimating students' abilities and potential. I give my students hard problems and long problems, because I understand that mastery of material comes only from persistent, active application."

Nitsche is firmly committed to UIC's mission as an inclusive urban research university. He has personally initiated contact with local high schools, developed and disseminated promotional material, and made visits and presentations to prominent local schools and community colleges. Nitsche has also worked as PI to write a successful \$600,000 National Science Foundation grant to fund need-based scholarships and eliminate a bottleneck between admission and enrollment. Nitsche's first cohort of scholarship recipients will begin in Fall 2012 with a holistic orientation, mentoring and assessment program.

UIC DISTINGUISHED PROFESSORS

Julia Fish

*Professor, School of Art and Art History
College of Architecture, Design, and the Arts*

Professor Julia Fish is an acclaimed painter who has for the past thirty years produced an internationally-recognized body of work. Her work persistently functions to re-present the familiar in a form that allows us to reflect upon the processes through which the physical world, along with our intellectual and emotional responses to it, can fabricate alternative narratives and modes of visual storytelling. "Fish is an artist who knows well the history of art before her, the methodologies of serious looking, and the creative potential inherent in both," says James Rondeau, Dittmer Chair and Curator in the Department of Contemporary Art at The Art Institute of Chicago. "With the intellectual rigor and gentle wisdom that are her trademark, Fish locates the beauty and the pleasure, the craft and the theory in art history."

Since Fish arrived at UIC in 1989, she has had twenty-one solo exhibitions, and her work has been included in over seventy selected group exhibitions throughout the world, including the celebrated Whitney Biennial in 2010. Her drawings and paintings are in the public collections of the most prestigious museums and galleries, including the Museum of Modern Art in New York, the Museum of Contemporary Art in Los Angeles, the Art Institute of Chicago, the Yale University Gallery in New Haven, and the Museum of Contemporary Art, Chicago. She has been the recipient of numerous fellowships, including two NEA Fellowships and a Fellowship at the American Academy in Rome, in addition to receiving a coveted 10-year retrospective at the Renaissance Society—an internationally-known Chicago gallery focused on the forefront of the visual arts, and one of the finest resources for contemporary art in the world. The 35 selected drawings and paintings highlighted Fish's uniquely provocative analysis of the boundaries of abstraction and the ability of her works to challenge the limitations of the static painted image.

Fish's many honors show the reach and influence of her work on the contemporary art world. It is why she continues to be in great demand as a visiting artist, critic, and lecturer at academic and public institutions around the country.

"One of Julia's remarkable and enduring skills is to be wide-eyed and wise, kind and critical, generous and sharp, in her consideration of artworks made by anyone, whether inexperienced student or Italian Renaissance architect," says Helen Mirra, a former graduate student at UIC and current John L. Loeb Associate Professor of the Humanities at Harvard. "This kind of holistic intelligence is incredibly rare and an incredible gift to those fortunate enough to be her students."

Nissim Hay

***Professor, Department of Biochemistry and Molecular Genetics
College of Medicine***

Nissim Hay's work revolves around the relationship between cellular metabolism and tumorigenesis, and resourcefully spans organismal, cellular, and biochemical models. His published work has enviably high numbers of citations, corresponding to its impressively high scientific impact. Dr. Hay has maintained a high level of National Institutes of Health and other funding, which currently includes two NIH ROI Awards, a VA Merit Award and a SPARK award from the Chicago Biomedical Consortium. He is active on NIH Study Sections and Editorial Boards, and is frequently invited to present his research findings across the U.S. and internationally.

One critical focus for Hay has been the protein Akt, which is central for growth factor-mediated cell survival. Hay is internationally recognized for his research in this area, including ongoing work in the genesis of human cancers, as well as studies of mTOR signaling, plus investigations of metabolic processes involving mitochondria, glycolysis, energetic stress, and NADPH homeostasis. In 1997 Akt was a relatively unknown protein, with only about 40 publications on its function. Currently, thanks to Hay's groundbreaking work, there are more than 35,000. "If I were to single out his most important contributions, I would point to his work on the role of the protein kinase Akt in cellular senescence, metabolism and tumorigenesis," says J. Michael Bishop, Director of the G.W. Hooper Research Foundation and former Nobel Prize winner. "He was a pioneer in this field and continues to be among its leaders. The work has importance to both our fundamental understanding of cancer and the development of new therapeutics for the disease."

Recently Hay published a paper in *Nature*, challenging long-held dogmas in cancer biology by showing that a protein, which was thought to be anti-tumorigenic is in fact pro-tumorigenic and in fact required for cancer cell survival. In uncovering a new function of a key enzyme implicated in glucose metabolism and in cancer, Hay's paper raised a huge interest in the scientific community.

"Dr. Hay is an outstanding researcher whose trail blazing work in cancer biology has enriched our understanding of this terrible disease and opened new avenues for its treatment," says Dr. Michael Karin, Professor of Pharmacology at the University of California, San Diego. "He is

certainly one of the leaders of cancer research in the Chicago area and the State of Illinois and his appointment as a Distinguished University Professor will provide a well-deserved recognition of his contributions."

Michael Stroscio

**Professor, Department of Electrical and Computer Engineering
College of Engineering**

For well over two decades, Michael Stroscio has been one of the leading researchers on quantum transport and on the theory of confined-phonon effects in nanoscale semiconductor structures. He studies applications of this theory to conceive and improve semiconductor devices and structures including: semiconductor lasers, multiple-quantum-well devices, phonon modulators and switches, field-controlled current modulators, negative absolute conductance devices, quantum-wire structures, and double-barrier quantum-well devices. Stroscio's work on confined phonons has also led to the sub-field of phonon engineering in heterostructures. Stroscio is currently leading efforts to use continuum models of confined optical and acoustic phonons to describe phonon interactions in fullerenes and carbon nanotubes. These seminal contributions to the establishment of the subdiscipline of phonon engineering are further highlighted in the book which he co-authored on Phonons in Nanostructures. Together with bandstructure engineering and bandgap engineering, phonon engineering plays an important role in the design of state-of-the-art and novel devices. Any work and publication on scattering and transport in heterostructures would be incomplete without reference to his groundbreaking work.

The great majority of Stroscio's 325 articles, 20 proceedings, 22 chapters, seven books, 450 presentations and technical reports, and 12 patents deal with nanoengineering and nanoscience, and his work has been cited heavily. His h-index of 36 is exemplary, especially in the engineering field, where citation levels are generally lower than they are for physical and medical scientists working at comparable levels. Prof. Stroscio's professional achievements have also resulted in numerous recognitions, including election as a Fellow of the Yale Science and Engineering Association, Fellow of the Army Research Laboratory, Fellow of the American Association for the Advancement of Science (AAAS), and Fellow of the Institute of Electrical and Electronics Engineers (IEEE). He received the prestigious 1998 IEEE-USA Harry Diamond Memorial Award. He is also a member of the Phi Beta Kappa honorary society as well as a long-time member of the American Physical Society (APS).

"As a world leader in quantum transport and dissipation phenomena in nanostructures, Dr. Strosco is an enthusiastic scientist who has promoted his field significantly by supporting and organizing many conferences and workshops," says Jean-Pierre Leburton, the Gregory Stillman Professor of Electrical and Computer Engineering at the University of Illinois Urbana Champaign.

Philip Yu

**Professor, Department of Computer Science
College of Engineering**

The term "big data" has just recently come into vogue, but Philip Yu has been a pioneer in the field for over 30 years. Before coming to UIC, Yu worked for IBM as a data mining researcher and was recognized as an IBM Master Inventor, having filed over 300 patents. This number is still the largest for any individual in the history of IBM Research, which is among the greatest industrial research labs in the world. Since that time Yu has published over 700 papers and numerous books —making him either the most or second-most prolific author in all of computer science—and his work has been cited over 42,000 times. As a result of his publication record, Yu boasts the impossibly high h-index of 100, placing him in the top-10 among all computer scientists in the world, both living and dead. And in a field where it is often more difficult to be accepted into major conferences than the best journals, Yu's work has appeared at all of the major conferences, including ACM Knowledge Discovery and Data Mining (KDD), Conference on Information and Knowledge Management (CIKM), Very Large Data Bases (VLDB), and IEEE International Conference on Data Engineering (ICDE or IEEEZDE).

Yu's extraordinary number of publications is matched by the high quality of his publishing. Yu was among the first to tackle the grand challenge of finding clusters and patterns in very high-dimensional data sets. Particularly, his series of papers advocated a novel concept and methodology of mining both clusters/patterns and subspaces simultaneously which changed the direction of research in the field. Another of Yu's seminal contributions was his work on scalable pattern discovery from large data. His was the first work to address computer memory constraints, which is necessary to obtain performance that is scalable relative to the huge number of potential patterns and database size.

Yu has also had an excellent record of funding since joining UIC in 2008. Since then he has been PI on two National Science Foundation (NSF) grants, and co-PI on six other federal grants. His FY 2012 grant expenditures were over \$300,000, a very impressive number for computer scientists.

"Philip has a long string of ingenious research contributions, on a breathtaking spectrum of areas," says Carnegie Mellon University Professor Christos Faloutsos. "His work on data mining is astonishing."

AWARD FOR EXCELLENCE IN TEACHING REVIEW PANEL

Gary E. Raney, Chair

*Associate Professor, Department of Psychology
College of Liberal Arts and Sciences*

Stacey Horn

*Professor, Department of Educational Psychology
College of Education*

Nadine R. Peacock

*Associate Professor, Community Health Sciences
School of Public Health*

Krishna R. Reddy

*Professor, Civil and Materials Engineering
College of Engineering*

Alan J. Schwartz

*Professor and Associate Head, Department of Medical Education
College of Medicine*

Gene Collerd

*Professor Emeritus, Department of Theatre and Music
College of Architecture, Design, and the Arts*

Renee Taylor

*Vice Provost for Faculty Affairs
Ex officio without vote
Office of the Vice Provost for Faculty Affairs*

Elmira Perkins

*Panel Staff
Administrative Assistant, Office of the Senate*

UNIVERSITY SCHOLAR REVIEW PANEL

Taffy E. Raphael, Chair

*Professor, Department of Curriculum and Instruction
College of Education*

Hayat Onyuksel

*Professor, Department of Biopharmaceutical Sciences
College of Pharmacy*

Marcia Lausen

*Director, School of Art and Design
College of Architecture, Design, and the Arts*

Cecilia Gerber

*Professor and Associate Head, Department of Physics
College of Liberal Arts and Sciences*

Edwin Cook

*Professor of Psychiatry (CT)/ Physician Surgeon, Department of Psychiatry
College of Medicine*

Diana Wilkie

*Professor and Harriet Werley Endowed Chair for Nursing Research,
Department of Biobehavioral Health Science
College of Nursing*

Nissim Hay

*Professor, Department of Biochemistry and Molecular Genetics
College of Medicine*

Renee Taylor
Vice Provost for Faculty Affairs
Ex officio without vote
Office of the Vice Provost for Faculty Affairs

Elmira Perkins
Panel staff
Administrative Assistant, Office of the Senate

TEACHING RECOGNITION PROGRAM REVIEW PANEL

Jonathan Daly, Chair
Professor, Department of History
College of Liberal Arts and Sciences

Anna Guevarra
Assistant Professor, Department of Sociology, Asian American Studies Program
College of Liberal Arts and Sciences

Lia Liu
Lecturer, Department of Mathematics, Statistics, and Computer Science
College of Liberal Arts and Sciences

Stephen Melamed
Clinical Professor, School of Design
Associate Director, Interdisciplinary Product Development Program
College of Architecture, Design, and the Arts

Michael Muller
Lecturer, Department of Biological Sciences
College of Liberal Arts and Sciences

Rodney Shrader
Professor, Department of Managerial Studies
College of Business Administration

Peter Okkema
Professor, Department of Biological Sciences
College of Liberal Arts and Sciences

Valerie Prater
Clinical Assistant Professor, Department of Biomedical and Health Information Sciences
College of Applied Health Sciences

Eileen Hacker
Associate Professor, Department of Biobehavioral Health Sciences
College of Nursing

Theresa Thorkildsen
Professor, Department of Educational Psychology
College of Education

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