AY2018 Fellows

Bruce Carruthers
John D. MacArthur Chair and Professor of Sociology, WCAS; Director, Buffett Institute for Global Studies
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Bruce Carruthers received his PhD at the University of Chicago in 1991. His research areas include comparative and historical sociology, economy and society, sociology of law and sociology of organizations. At Northwestern, Carruthers is involved in the graduate Comparative Historical Social Science (CHSS) program, and the Kellogg-Sociology joint-PhD program.

His current research projects include a study of the historical evolution of credit as a problem in the sociology of trust, regulatory arbitrage, what modern derivatives markets reveal about the relationship between law and capitalism, and the regulation of credit for poor people in early 20th Century America. He has had visiting fellowships at the Russell Sage Foundation, the Radcliffe Institute for Advanced Study, the Institute for Advanced Study in Berlin, and received a John Simon Guggenheim Fellowship. He is methodologically agnostic, and does not believe that the qualitative/quantitative distinction is worth fighting over. Northwestern is Carruthers' first teaching position.


Drew Davies
Associate Professor, Musicology and Director of Graduate Music Studies, Bienen School of Music
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Drew Edward Davies is a specialist in 17th- and 18th-century musics in Latin America, Iberia, and the wider European context, with a complementary interest in the music of 20th-century Britain.
Professor Davies works through academic scholarship, including the edition and cataloguing of primary sources, as well as through collaboration with performing groups such as the Newberry Consort and the Chicago Arts Orchestra to revive repertoires of early modern music. His critical edition of the music of an 18th-century Roman composer in New Spain, *Santiago Billoni: Complete Works*, is available from A-R Editions, and his thematic catalog of the music archive at Durango Cathedral, Mexico, is published by the press of the Instituto de Investigaciones Estéticas at the Universidad Nacional Autónoma de México. In preparation is a monograph entitled *Music and Devotion in New Spain*.

Professor Davies is also Academic Coordinator of the Mexico City-based “Musicat” project, the Seminario de Música en la Nueva España y el México Independiente (Seminario on the Music of New Spain and Independent Mexico), and has presented at academic conferences and early music festivals throughout the USA, and in Mexico, Canada, the UK, Spain, Italy, Ukraine, Cuba, Poland, and Japan. Visit his [personal web site](#).

Celeste Watkins-Hayes

Professor, Sociology and African American Studies, WCAS; Associate Dean for Social Science Research (as of 9/1/2017)

Celeste Watkins-Hayes is Professor of Sociology and African American Studies at Northwestern University and a Faculty Fellow at Northwestern’s Institute for Policy Research and Cells to Society (C2S): The Center on Social Disparities and Health. She holds a Ph.D. and M.A. in Sociology from Harvard University and a B.A. from Spelman College, where she graduated summa cum laude. Watkins-Hayes currently serves as a vice-chair of the Spelman board of trustees and led the college’s recent presidential search process. She is also former chair of the Department of African American Studies at Northwestern and was recently appointed to the board of directors of the Detroit Institute of Arts.

Watkins-Hayes’s research focuses on urban poverty; social policy; HIV/AIDS; non-profit and government organizations; and race, class, and gender. Her first book, *The New Welfare Bureaucrats: Entanglements of Race, Class, and Policy Reform* (University of Chicago Press, 2009), was a Finalist for the 2009 C. Wright Mills Book Award from the Society for the Study of Social Problems and the 2011 Max Weber Book Award from the American Sociological Association. Dr. Watkins-Hayes is currently Principal Investigator of the *Health, Hardship, and Renewal Study*, which explores the economic and social survival strategies of a racially, ethnically, and socioeconomically diverse group of women living with HIV/AIDS in the Chicago area. Watkins-Hayes received a [Robert Wood Johnson Foundation Health Investigator Award](#) and a [National Science Foundation Early CAREER Award](#) to conduct this research. Her second book, *Remaking a Life, Reversing an Epidemic: HIV/AIDS and the Politics of Transformation*, will be published by the University of California Press. In addition to her academic articles and
essays, Watkins-Hayes has published pieces in *The New York Times, The Atlantic,* and *Chicago Magazine.* Dr. Watkins-Hayes’ intellectual commitments are motivated by a desire to offer analyses and prescriptions, based on empirically- and conceptually-rich research, that address the real-world issues that limit human potential. Her scholarship therefore speaks directly to current policy debates.

Charles Whitaker
Helen Gurley Brown Professor and Associate Dean, Journalism, Medill
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Charles Whitaker teaches undergraduate and graduate level courses in news writing, magazine writing, magazine editing and blogging, as well as in the High School Journalism Institute (aka, the Cherub program) in the Medill School of Journalism at Northwestern University.

Whitaker’s bachelor’s and master’s degrees are both from Medill and he is also a doctoral candidate in Human Development and Social Policy in Northwestern’s School of Education and Social Policy. His research examines the ontological and methodological similarities and differences between immersion journalism and social science field research, and what practitioners in each discipline can learn from the other.

Before joining the Medill faculty, he was a senior editor at Ebony magazine, where he covered a wide range of cultural, social and political issues and events on four continents, including two U.S. presidential campaigns and the installation of the first black members of the British Parliament. He began his journalism career as a newspaper reporter at the Miami Herald, where he covered education in Dade County and municipal government in Palm Beach County. From the Herald, he went to the Louisville (KY) Times, where he worked as a deputy feature editor and enterprise feature and arts writers. He has received commendations for his work from a number of journalism societies, including The National Association of Black Journalists, The Society of Professional Journalists and the National Education Writers Association.

Whitaker is the co-author of *Magazine Writing,* a textbook that examines the magazine industry and deconstructs the art of feature writing for consumer and business-to-business publications. He also is the author of four statistical analyses of the hiring of women and minorities in the magazine industry and has served as an adviser on diversity issues for the Magazine Publishers of America. He was the co-director of Project Masthead, a program designed to encourage students of color to consider careers in magazines on both the editorial and business side of the industry, and he is one of the co-curators of the Ida B. Wells Award, presented by both Medill and the National Association of Black Journalists to individuals who are working to increase newsroom diversity and improve the coverage of communities of color.
Whitaker has contributed articles to the Chicago Tribune, The Chicago Sun-Times, Chicago Magazine, Jet Magazine, Essence Magazine, The Philadelphia Inquirer, The Saturday Evening Post, Chicago Parent magazine, and Folio, the magazine of the magazine industry. In addition, he is an editorial consultant to CATALYST magazine, a publication dedicated to coverage of the Chicago Public Schools, and served as president of the editorial board of the Chicago Reporter, an acclaimed investigative publication that covers issues of race and class.

**AY2017 Fellows**

**Huey Copeland**  
Associate Dean for Academic Affairs, TGS and Associate Professor, Art History, WCAS  
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Huey Copeland (Ph.D., History of Art, University of California, Berkeley, 2006) is Associate Dean for Academic Affairs in The Graduate School and Associate Professor of Art History with affiliations in the Gender and Sexuality Studies Program and the Department of African American Studies. His writing — which has been translated into French, German, and Spanish—focuses on modern and contemporary art with an emphasis on articulations of blackness in the Western visual field.

Copeland’s various research interests are reflected by his interdisciplinary course offerings, which range from the graduate seminar “The ‘Global’ 1960s,” to an introductory survey focused on European and American modernisms. Alongside his work as a teacher, critic, scholar, and administrator, he has co-curated exhibitions such as Interstellar Low Ways (with Anthony Elms), co-organized international conferences like “Black Collectivities” (with Naomi Beckwith), and co-edited several journal volumes, including “New World Slavery and the Matter of the Visual” (with Krista Thompson).

An alumnus of the 2003 Whitney Independent Study Program and the 2013 Johannesburg Workshop in Theory and Criticism, Copeland has received support from the Alice Kaplan Institute for the Humanities, the American Council of Learned Societies, the Georgia O’Keeffe Museum Research Center for American Modernism, the Program of African Studies, the Terra Foundation for American Art, and the W.E.B. Du Bois Institute for African and African American Research at Harvard University.
Vicky Kalogera
Erastus O. Haven Professor, Physics and Astronomy, WCAS and Director, Center for Interdisciplinary Exploration and Research in Astrophysics (CIERA)
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Vicky Kalogera is interested in the physics of compact astrophysical objects: white dwarfs, neutron stars, and black holes. In binary systems, where two stars orbit each other, the interactions of compact objects are especially interesting. They can include a wide variety of violent phenomena such as powerful X-ray emission, supernova explosions, black hole formation, and mergers. Kalogera's research is focused mainly on how such systems are born, how they evolve, and how they end their lives. She is also interested in how the properties of such systems are affected by their galactic environments.

Kalogera studies compact objects in three main contexts: as sources of X-ray emission, radio pulses, and gravitational waves. Her research goals include the understanding of X-ray binary observations with NASA's Chandra Observatory in the Milky Way and other galaxies, of current discoveries of binary pulsar systems, and the prediction of anticipated event rates for current and future gravitational wave detectors.

Kalogera is a member of the Laser Interferometer Gravitational-Wave Observatory (LIGO) Scientific Collaboration and works on the theoretical understanding of gravitational wave sources and the development of optimal detection methods. She leads the LIGO research team at Northwestern, which contributed to the historic detection of gravitational waves and measurement of black holes through their predictions for anticipated detections, interpreting the astrophysics, analyzing the data and characterizing the detectors.

Rachel Davis Mersey
Associate Professor, Journalism, Medill
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Rachel Davis Mersey’s work focuses on the craft of journalism and audience understanding. She is intrigued, in particular, by journalism’s impact on identity, sense of community, and social capital. She believes that these relationships deserve to be understood in a manner that can enhance professional decision-making when it comes to new product development and ongoing news management. Her aim is to improve the practice of journalism in a manner that enhances news operations’ connections with individuals.

Rachel’s research has been published in journals across a variety of disciplines and presented at academic and industry conferences including those for the Paley Center for Media in New York and the American Society of News Editors. Research she presented at the 2007 Association for
Education in Journalism and Mass Communication conference was awarded “top paper” by the International Newsmedia Marketing Association (INMA). In addition, she has done work for the Newspaper Association of America on young adults and newspapers, and the Chicago Community Trust on local information needs. Rachel also served as an advisory member to the Knight Commission on the Information Needs of Communities in a Democracy, jointly organized by the John S. and James L. Knight Foundation and the Aspen Institute. Her first book, *Can Journalism Be Saved? Rediscovering America’s Appetite for News*, was published by Praeger in August 2010.

Rachel serves as the Senior Director of Research for the Media Management Center, which is affiliated with the Kellogg School of Management and the Medill School of Journalism, Media, Integrated Marketing Communications. In this role, she is responsible for the vision, strategy and oversight of the Center’s current and future research. She is also a Fellow at Northwestern University’s Institute for Policy Research.

**Melissa Simon**

Vice Chair, Clinical Research and George H. Gardner Professor of Clinical Gynecology, Obstetrics and Gynecology, FSM
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Dr. Simon’s primary research interests are aimed at eliminating health disparities among low income, medically underserved women across the lifespan. Integrating health services research with social epidemiologic models, Dr. Simon’s research focuses on interventions (such as patient navigation and community health outreach workers) that aim to reduce and eliminate such disparities. Within this context, Dr. Simon prefers to leverage culture and community to achieve these goals and thereby integrates community based participatory research framework into her work. Using community-based participatory action approaches to research, training, and education, her work promotes social change that will improve the health of culturally diverse, underserved populations.

**Jim Speta**

Research Professor and Sr. Associate Dean for Academic Affairs and International Initiatives, Pritzker School of Law
j-speta@law.northwestern.edu

Jim Speta has been a member of the faculty since 1999. His research interests include telecommunications and Internet policy, antitrust, administrative law, and market organization. He teaches in the Law School and in the Joint Program in Law and Business operated by the Law School and the
A 1991 graduate of the University of Michigan Law School, Speta joined the Northwestern faculty following a one-year visit. He had previously clerked for Judge Harry T. Edwards on the United States Court of Appeals for the D.C. Circuit and practiced appellate, telecommunications, and antitrust law with the Chicago firm of Sidley & Austin.

### AY 2016 Fellows

**Ravi Allada**

Professor, Neurobiology, WCAS; Professor, Pathology, FSM; Associate Director of Center for Sleep and Circadian Biology

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Ravi Allada is the professor and chair of the Department of Neurobiology in the Weinberg College of Arts and Sciences. His research focuses primarily on circadian regulation of sleep behavior in fruit flies incorporating several approaches from biochemistry, molecular biology, genetics, cell culture, electrophysiology, anatomy and behavior. Using the various disciplines, Dr. Allada studies the molecular mechanisms underlying circadian rhythms and their links to various clinical disorders, including insomnia, depression, and neurodegenerative diseases such as Alzheimer’s and Huntington’s disease.

Dr. Allada’s work on circadian sleep patterns has garnered much recognition in the scientific community. In 2011, Dr. Allada received a seed grant from the Brain Research Foundation to study a specific circadian clock gene and its role in neuronal maintenance and neuroprotection. Most recently, his research group received a grant from the National Institute of Neurological Disorders and Stroke for his work on The Function of a Novel Conserved Ion Channel in Daily Behavior. Dr. Allada received his Doctor of Medicine degree from the University of Michigan.

**Mercedes Carnethon**

Associate Professor, Preventive Medicine-Epidemiology, FSM

carnethon@northwestern.edu

Mercedes Carnethon is an associate professor and Vice Chair in the Department of Preventive Medicine and Epidemiology in the Feinberg School of Medicine. Her interests include epidemiologic studies of diabetes, obesity, cardiovascular disease, fitness, and autonomic function. Dr. Carnethon has co-written over 100 articles on topics ranging from the effects of fitness on midlife metabolisms to the influence of stress on cardiovascular health in Latino communities. Her work has been published in several reputable

In addition to her scholarship in the public health sciences, Dr. Carnethon is also actively involved with many organizations at Northwestern University and at large. She formerly co-chaired the University Diversity Council’s Faculty Recruitment and Retention working group, and has served as chair of the Publishing Committee for the American Heart Association Council of Epidemiology and Prevention. Dr. Carnethon received her Ph.D. from the University of North Carolina.

Jeannette Colyvas
Associate Professor, Human Development and Social Policy, and Learning Sciences, SESP
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Jeannette Colyvas is an Associate Professor of Human Development and Social Policy and Learning Sciences in the School of Education and Social Policy. Her research interests include organizations and entrepreneurship, comparing public, private, and non-profit forms of organizing, university-industry interfaces, and public and private science. Professor Colyvas teaches several courses on the topic of organizational change, and her published work has appeared in journals such as Management Science and Research in Organizational Behavior.

Professor Colyvas has served as a member of numerous boards in her career including the American Sociological Association and the Association for Study in Higher Education. In 2010, she earned the School of Education and Policy Teacher of the Year award. Professor Colyvas has a Ph.D. and M.A. degrees in Sociology and East Asian Studies from Stanford University.

Henry Godinez
Professor, Theater, School of Communication
hgodinez@northwestern.edu

Henry Godinez is a professor in the Department of Theatre at Northwestern University and the Resident Artistic Associate at the Goodman Theatre, where he is the director of the Latino Theatre Festival. Most recently for the Festival, he fostered the Goodman’s co-production of Pedro Paramo with Teatro Buendia of Cuba. He has directed several other productions at the Goodman Theater including, Boleros For The Disenchanted, The Sins of Sor Juana and Millennium Mambo. He is also co-editor of Goodman Theatre’s Festival Latino:
Six Plays. Godinez is the co-founder and former artistic director of Teatro Vista, and has directed at institutions such as Portland Center Stage and Signature Theatre Company in New York City. As an actor, his credits include Goodman Theatre, Chicago Shakespeare, The Kennedy Center, and on Film/TV include The Fugitive, Above the Law, The Beast, Boss, Chicago Code, Empire and Chicago Fire.

He is the recipient of the 1999 TCG Alan Schneider Directing Award, the Distinguished Service Award from the Lawyers for the Creative Arts, the 2008 Chicago Latino Network’s Latino Professional of the Year, and in 2010, was appointed by Governor Pat Quinn to the Illinois Arts Council, where he serves on its Executive Committee. Additionally, Mr. Godinez serves on the Editorial Board of the Northwestern University Press and the Board of Directors of Albany Park Theatre Project. He received his MFA from the Professional Theatre Training Program at the University of Wisconsin-Milwaukee, and his BA from the University of Dallas.

Karen Smilowitz
Professor, Industrial Engineering and Management Sciences, McCormick School of Engineering
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Karen Smilowitz is a professor in Industrial Engineering and Management Sciences in the McCormick School of Engineering and Applied Science. A member of the Northwestern faculty since 2001, Dr. Smilowitz’s research focuses on modeling and solution approaches for logistics and transportation systems. Through her studies, Professor Smilowitz has devised innovative transportation solutions for several commercial and non-profit organizations. In addition to her research, Professor Smilowitz has had a profound effect on the McCormick School’s curriculum, teaching such notably challenging courses as Supply-Chain Modeling and Analysis and Analytics for Social Good. Smilowitz has been recognized for several awards and fellowships including the National Science Foundation CAREER Award, the Alfred P. Sloan Industry Studies Fellowship, and most recently was named a 2015 Charles Deering McCormick Professor of Teaching Excellence. Professor Smilowitz holds a Ph.D. and M.S. from the University of California, Berkeley, and a B.S.E. from Princeton University.
AY2015 Fellows

Linda Broadbelt
Chair and Professor, Chemical and Biological Engineering, McCormick School of Engineering
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Linda Broadbelt is the Sarah Rebecca Roland Professor and Chair of the Department of Chemical and Biological Engineering in McCormick. Linda’s research and teaching interests are in the areas of multiscale modeling, complex kinetics modeling, environmental catalysis, novel biochemical pathways, and polymerization/depolymerization kinetics. Her career awards are numerous and include selection as the AIChE Women’s Initiative Committee Mentorship Excellence Award winner, a Fellow of the American Association for the Advancement of Science, a Fulbright Distinguished Scholar Award, a CAREER Award from the National Science Foundation, and a McCormick Excellence Award.

She recently served on the Executive Board of the National Program Committee of AIChE and also completed a five-year term as the chair of programming for the Division of Catalysis and Reaction Engineering of AIChE. She was also appointed to the Scientific Organizing Committee for the 21st and 19th International Symposium on Chemical Reaction Engineering and served on the Science Advisory Committee of the Gulf Coast Hazardous Substance Research Center from 1998-2005. She received her B.S. in chemical engineering from The Ohio State University and graduated summa cum laude. She completed her Ph.D. in chemical engineering at the University of Delaware in 1994. She has also completed the short course, Management for Scientists and Engineers, a joint offering through the Kellogg School of Management and the Graduate School.

Edward Gibson
Professor, Political Science, and Associate Dean for Faculty, WCAS egibson@northwestern.edu

Edward L. Gibson is Associate Dean for Faculty at Northwestern University’s Weinberg College of Arts and Sciences. He is a Professor in the Department of Political Science and served as Chair of the department from 2013 to 2015. His current research focuses on democratization in Latin America and the United States. He has also written about the politics of federalism, party politics, conservative parties, and market reform in Latin America.

He has published three books, most recently Boundary Control: Subnational Authoritarianism in Federal Democracies (Cambridge University Press, 2013). Boundary Control explores enduring
questions about democratic regimes: how authoritarian states and provinces prosper in national democracies, and how they can occasionally be brought down. The book compares the experiences of the American “Solid South” in the 19th and 20th centuries with contemporary cases in Latin America. In 2014 it won the V.O. Key Prize for Best Book on U.S. Southern Politics, awarded by the Southern Political Science Association, and was a runner-up for the American Political Science Association’s Luebbert Award for best book in Comparative Politics. In 2013 it won the Donna Lee Van Cott Prize for Best Book on Latin American Political Institutions, awarded by the Latin American Studies Association.

Gibson was the first political scientist to be awarded a Faculty Early Career Development Award (CAREER) by the National Science Foundation. He has received research support from the Howard Foundation, the Searle Kinship Foundation, and the Harvard Academy for International and Area Studies. He has also won numerous teaching awards including Northwestern University’s Charles Deering McCormick Professorship of Teaching Excellence, a three-year endowed chair. He received his Ph.D. from Columbia University.

Emily Kadens
Professor of Law and Faculty Director, Clerkship Program, Pritzker School of Law
kadens@law.northwestern.edu

Professor Kadens specializes in pre-modern European legal history. Her current research focuses on the historical problem of how custom functioned as law, the history of bankruptcy, and early modern commercial law. Her article on the history of judicial education in England won the 2010 Sutherland Prize from the American Society of Legal Historians for the best paper in English legal history, and her article on an early eighteenth-century bankruptcy scam won the 2011 Editors’ Prize from the American Bankruptcy Law Journal. In 2012, Kadens was a Kluge Fellow at the Library of Congress doing research on medieval theories of custom and for the Spring Semester of 2013 she received the Richard & Diane Cummins Legal History Research Grant at George Washington University Law School. She teaches contracts, sales, Roman law, and legal history.

Prior to joining the Northwestern faculty in 2013, Kadens taught at the University of Texas at Austin, where she was the Baker and Botts Professor in Law. She completed her B.A. and M.A. at the University of Chicago, her M.A. and Ph.D. in History at Princeton University, and her J.D. with honors at the University of Chicago Law School. She also clerked for the Honorable Danny J. Boggs, of the U.S. Court of Appeals for the Sixth Circuit.
Susan Phillips
Associate Professor, English, WCAS
susie-phillips@northwestern.edu

A medievalist with Early Modern leanings, Susie Phillips (Ph.D., Harvard University) teaches courses on late medieval and Early Modern literature and culture, drama, poetry, Shakespeare and Chaucer. In her scholarship as well as her teaching, she is interested in the materiality of the book—how texts were produced, published, circulated, and read. Her book, Transforming Talk: The Problem with Gossip in Late Medieval England (Penn State 2007) explores the religious, cultural, and literary work of "idle talk" in late medieval England. Gossip's supposedly idle words, she argues, are transformative; they blur the boundaries between people, discourses, genres, practices, and words. She has published essays on Chaucer, gossip theory, late medieval pastoral practice, Renaissance dictionaries, medieval multilingualism, and pre-modern pedagogy.

Her current project, Polyglots and Pocketbooks, traces the cultural history of the dictionaries, phrasebooks, and guides to conversation that flooded the European marketplace from the fifteenth through the seventeenth centuries. These extraordinarily popular bestsellers taught readers not only how to conjugate verbs and negotiate with foreign merchants, but also how to insult neighbors and chat up chambermaids in up to eight different languages. More than simply entertaining content, these mischievous conversations constitute a new pedagogical practice, as language learning itself undergoes a translation out of the classroom, into the marketplace, and further down the social ladder.

Professor Phillips has been awarded an Alice Kaplan Institute for the Humanities Fellowship (2009-10), the Weinberg College of Arts and Science Award for Distinguished Teaching (2008), and has been twice named to the ASG Faculty Honor Roll. She is the current holder of the Alumnae of Northwestern Teaching Professorship, the University’s highest award for distinguished teaching.

Miriam Gamoran Sherin
Professor, Learning Sciences and Director, Undergraduate Education, SESP
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postdoctoral fellowship from the James S. McDonnell Foundation to examine the demands that mathematics reform places on teachers' knowledge. In 2001 she received a postdoctoral fellowship from the National Academy of Education and the Spencer Foundation to examine how video clubs can support the development of teachers' professional vision. Sherin was also awarded a five-year Early Career Grant from the National Science Foundation to study the ways that video can support teacher learning. In April 2003, Sherin received the Kappa Delta Pi/American Educational Research Association Division K Award for early career achievements in research on teaching and teacher education.

AY2014 Fellows

Ann Bradlow
Professor, Linguistics and Associate Dean for Academic Initiatives, WCAS
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Ann Bradlow is Professor of Linguistics at Northwestern University. Her research and teaching interests include speech intelligibility, acoustics phonetics, speech perception cross-language and second-language speech perception and production. A prolific researcher, Bradlow has earned nearly a dozen external grants, including funds from the National Institute for Deafness & Other Communication Disorders as well as Individual National Research Service Awards, and penned more than 40 articles for numerous scholarly journals and publications.

As the associate dean for academic initiatives in WCAS, Bradlow maintains relationships with other Northwestern-based schools, centers and institutes; leads efforts to enhance teaching and research in the arts and sciences; and helps the College develop new ways of tackling pressing issues, including faculty diversity. She works to leverage the interdisciplinary aspects of her own academic field to help the College build and execute a strategic plan that will allow it to capitalize on new opportunities in higher education’s evolving landscape.

She is currently an elected member of the Executive Council of the Acoustical Society of America. She completed her PhD degree in Linguistics at Cornell University. Bradlow held postdoctoral fellowships in Cognitive Psychology at Indiana University and in Auditory Neuroscience at Northwestern University. She joined the Linguistics Department at Northwestern University in 1998 after earning her bachelor’s degree in linguistics from the University of Chicago and her master’s and doctoral degrees in linguistics from Cornell University.
Sumitrajit (Sumit) Dhar
Chair and Professor, Communication Sciences and Disorders, School of Communication
s-dhar@northwestern.edu

Sumitrajit (Sumit) Dhar is Chair and Professor of Communication Sciences and Disorders at Northwestern University in Evanston, Illinois. Sumit studied Audiology and Hearing Science at the University of Mumbai, Utah State University, and Purdue University. His research is on the macromechanics of the inner ear and their reflection in otoacoustic emissions - sounds generated in the inner ear and recorded using a small microphone in the ear canal. The long term goals of Sumit's research are to understand the workings of the inner ear and to leverage that understanding to develop sensitive tests of hearing. He has received several National Institutes of Health grants to support his research.

In 2010, Professor Dhar won the President’s Award from the Illinois Academy of Audiology “for extraordinary efforts in promoting the education of audiologists and for the outstanding advocacy for the profession.” He has served as Chair of the American Academy of Audiology’s National Education Committee and he is currently Director of the Graduate certificate in Language, Music, and Communication program within the Northwestern Institute on Complex Systems. Dhar has received recognition for his teaching with the Clarence Simon Award for Teaching and Mentoring. He has been on faculty at Northwestern since 2004.

Kevin Lynch
Chair and Professor, Mechanical Engineering, McCormick School of Engineering
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Kevin Lynch established the discipline of mechatronics design at Northwestern and is the creator of "Introduction to Mechatronics (ME333)," a course on microprocessor-controlled electromechanical systems that attracts students from several departments in McCormick. His research interests include robot manipulation and locomotion, self-organizing multi-agent systems, bio-inspired sensing and control, and functional electrical stimulation for restoration of human function. He is a member of the Neuroscience and Robotics Lab (NxR) and he frequently collaborates with the Rehabilitation Institute of Chicago on neural engineering and human-robot systems.

He is a co-author of the book “Principles of Robot Motion” (2005) and editor of the journal Institute of Electrical and Electronics Engineers (IEEE) Transactions on Automation Science and Engineering. He has received the NSF CAREER Award, the IEEE Robotics and Automation
Society’s Early Academic Career Award, the Ralph R. Teetor Educational Award from the Society of Automotive Engineers (SAE) International, and McCormick’s Teacher of the Year Award. He is a fellow of the IEEE.

Lynch received his BSE in electrical engineering from Princeton University and his PhD in robotics from Carnegie Mellon University. He joined the faculty at Northwestern in 1997 and has been co-director of NICO since 2010.

AY2013 Fellows

**Jesús Escobar**

Associate Professor and Harold H. and Virginia Anderson Chair, Art History, WCAS

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Jesús Escobar teaches courses and publishes scholarship on the art, architecture, and urbanism of early modern Spain, Italy, and the larger Spanish world. His book *The Plaza Mayor and the Shaping of Baroque Madrid* (Cambridge University Press, 2003; paper, 2009), explored the interchange of architecture and politics in the evolution of Madrid from a secondary city of Castile to the seat of a global empire. The book won the Eleanor Tufts Award from the American Society for Hispanic Art Historical Studies and was published in a Spanish-language edition in 2008 by Editorial Nerea. He is currently at work on a follow-up project tentatively titled “Baroque Madrid: Architecture, Space, and the Spanish Habsburgs,” which examines buildings and public spaces in Madrid during a time of profound political change. Forthcoming publications consider seventeenth-century architecture in Seville and Santiago de Compostela as well as early modern religious architecture in the whole of the Spanish Empire. He has also recently published an article on a 1656 map of Madrid as a representation of Spanish Habsburg political ideals that is available for download below.

Professor Escobar serves as Editor for the scholarly book series, Buildings, Landscapes, and Societies, published by Penn State University Press and is an active member in a number of professional societies. Prior to arriving at Northwestern, he taught at Fairfield University and held visiting professorships at MIT and Columbia. His research has been supported by grants from the Fulbright Program, the National Endowment for the Humanities, and the Center for Advanced Study in the Visual Arts at the National Gallery of Art in Washington, D.C.

In 2015-16, he will teach a survey course on Baroque art in Italy and Spain and an undergraduate seminar on the painter Diego Velázquez’s career at court in Madrid. He currently holds the honorific Harold H. and Virginia Anderson Chair at Northwestern. Jesús Escobar teaches courses and publishes scholarship on the art, architecture, and urbanism of early modern Spain, Italy, and the Spanish world. His research has been supported by grants
from the Fulbright Program, the National Endowment for the Humanities, and the Center for Advanced Study in the Visual Arts at the National Gallery of Art in Washington, D.C. Prior to arriving at Northwestern, Professor Escobar taught at Fairfield University and held visiting professorships at MIT and Columbia. He received his A.B. from Columbia University and completed his Ph.D. at Princeton University in 1996.

Viorica Marian
Professor, Communication Sciences and Disorders, School of Communication
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Viorica Marian's research focuses on bilingualism/multilingualism and the brain's ability to accommodate multiple languages at the same time. She studies the relationship between language and memory, as well as how people process spoken and written language. Professor Marian directs the Bilingualism and Psycholinguistics Research Group. Her work uses cognitive, behavioral, and neurological measures to study the human linguistic capacity. Professor Marian has been recognized for her teaching with the Clarence Simon Award for Teaching and Mentoring in 2008 and the Associated Student Government’s Outstanding Faculty of the Year award for the 2006-2007 academic year.

Professor Marian is the recipient of the National Research Service Award from the National Institutes of Health (NIH) in 1999-2000. Her research is funded by grants from the NIH and the National Science Foundation (NSF). Marian earned a M.A. in Cognitive and Developmental Psychology at Emory University and a Ph.D. in Experimental Psychology at Cornell University. Professor Marian has served on the Northwestern University faculty since 2000 and was the Chair of the Communication Sciences and Disorders Department between 2011 and 2014.

Alan Sahakian
Chair and Professor, Electrical Engineering and Computer Science, McCormick School of Engineering
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Alan Sahakian is currently John A. Dever Professor and the Chair of EECS and Professor of BME at Northwestern University. He is also the Director of the EECS Signals and Systems Division and a member of the academic affiliate staff at NorthShore University HealthSystem (Evanston Hospital).
In addition to cardiac electrophysiology, his lab studies electromagnetic and photonic methods of medical imaging and diagnostics, irreversible electroporation for tumor ablation, and spintronic and other beyond-CMOS logic circuits. His recent research is funded by the NIH, the Department of Defense Breast Cancer Research Program, the Defense Intelligence Agency, Intel and Medtronic.

He is the recipient of numerous teaching awards, including the Bette and Neison Harris Chair, the Charles Deering McCormick Chair, the McCormick Teacher of the Year award, the McCormick Advisor of the year award and the Northwestern Alumni Association Teaching award. He has served as a resident visiting scholar in the Center for Excellence in Reliability and Maintainability at the Air Force Institute of Technology. He was a Distinguished Lecturer of the IEEE Engineering in Medicine and Biology Society and served that society for two terms as Vice President for Publications and Technical Activities. He is a Fellow of AIMBE and of the IEEE “for contributions to electrophysiology of atrial cardiac arrhythmias.”

Sahakian received his Ph.D. in ECE with a minor in CS, and his MSEE from the University of Wisconsin - Madison, working in the Willis Tompkins/John Webster group. During his graduate studies he was also a Senior Electrical Engineer at Medtronic, Inc. His BS was in Applied Science and Physics from the University of Wisconsin-Parkside.

David E. Tolchinsky
Chair and Professor, Radio, Television and Film, School of Communication
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In addition to his roles as Professor and Chair of the Department of Radio, Television and Film, Professor Tolchinsky is Director of the Master of Fine Arts program in Writing for the Screen and Stage. He is also Co-Director of the Program in Sound Design. Outside the classroom, he is a screenwriter (Sony Tristar’s Girl) with screenplay commissions from MGM, USA Networks, Disney, Ivan Reitman's Montecito Pictures, Edward R. Pressman Film Corp, and Addis-Wechsler/Industry Entertainment. Some of his work centers on teen subcultures such as heavy-metal fans, Florida surfer teens, teen groupies, and female football players. His work also investigates horror, whether external (teen cruelty, adolescent angst, and dystopia) or internal (schizophrenia, psychosis, dementia). He has a secondary interest in sound design and has designed the sound for interactive computer environments and video installations.

Professor Tolchinsky was ranked #14 on NewCity’s List of Chicago’s top 50 players in film in 2013 and was the recipient of a 2014 Illinois Arts Council Artist Fellowship in Literature. He co-produced the documentary Fast Talk, which won Best Documentary at the Chagrin Documentary Film Festival (Chagrin, OH) and the Iowa Film Fest. On campus, he has been awarded the Charles Deering McCormick Professor of Teaching Excellence and the Clarence Simon Award for Outstanding Teaching and Mentoring. Professor Tolchinsky graduated with a B.A. in Composing/Performance Art from Yale, where he was a Scholar of the House. He
completed his MFA in Film/Video Production at the USC School of Cinematic Arts. In addition, Tolchinsky earned certificates from MIT’s Media Lab in Digital Audio Processing and Computer Music Composition.

AY2012 Fellows

L. Catherine Brinson
Jerome B. Cohen Professor of Mechanical Engineering and Associate Dean for Academic and Professional Initiatives, McCormick School of Engineering
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Professor Brinson's research interests lie in the study of advanced material systems and developing new methods to characterize and to model material behavior. The materials of interest all exhibit interesting hierarchical structural features, necessitating a consideration of length scales spanning the range of molecular interactions, micromechanical and macroscopic behavior. Hierarchical structure also leads to challenges in experimental analysis and constitutive descriptions and a reassessment of traditional concepts of deformation.

Professor Brinson has been integrally involved in the development of the novel Engineering First undergraduate curriculum at Northwestern University. She taught enhanced sections of sophomore level "mechanics of materials" where matrix methods of structural analysis were integrated using finite element syntax. This course formed a basis for the second course in the Engineering Analysis sequence, Mechanics. Professor Brinson was also a co-developer of the third course in the EA sequence, Dynamics of Systems. The four course Engineering Analysis sequence teaches freshman engineering students the fundamentals of matrix algebra, differential equations, mechanics, dynamics, and computer programming in an integrated fashion with emphasis on engineering applications. She has also developed a graduate course entitled Mechanics of Advanced Materials, in which microscale mechanisms and their relation to macroscopic behavior and mathematical constitutive modeling for advanced material systems is developed, with emphasis on polymer viscoelasticity and shape memory materials. Professor Brinson is especially interested in new modes of teaching and learning to expand the educational frontier.

Dr. Young has served on the Board of Directors of the American Society for Theatre Research, the Yale Club of Chicago, and the African American Arts Alliance of Chicago. A former Harvard and Stanford fellow, he graduated with honors from Yale and holds a Ph.D. from Cornell. He is currently President-elect of the Association for Theatre in Higher Education, the largest association dedicated to college/university theatre with nearly 2,000 members, and the editor of *Theatre Survey*, the journal of the American Society for Theatre Research.