



WAYNE STATE
Academy of Scholars

**ANNUAL
MEMBERSHIP
BANQUET**

OCTOBER 14, 2019



WAYNE STATE

Academy of Scholars

Appointment to the Academy of Scholars is the highest recognition bestowed upon Wayne State University faculty by their fellow colleagues.

Members of the Academy are selected from the most outstanding and widely recognized faculty members at Wayne State University.



AGENDA

5:30 – 6:30 p.m. Cocktails
(Bar stays open through dinner)

6:30 – 7 p.m. Group Photos

7 p.m. Dinner

8:15 p.m. Dessert and Presentations

Welcome

Provost Address

AOS Business

Induction of New members

Junior Faculty Awards

Recognition of Past President

Academy of Scholars Committees and Duties

President and Vice President

Membership Nomination Committee

Junior Faculty Award Selection Committee

Thomas Bonner Book Award Committee

Undergraduate Research and Creative Projects Conference

Commencement Mace bearers

Web Master

Legal Advisor

MELBA JOYCE BOYD



Melba Joyce Boyd is a Distinguished Professor in the Department of African American Studies at Wayne State University, and an Adjunct Professor in Afroamerican and African Studies at the University of Michigan—Ann Arbor. She received a Doctor of Arts in English from the University of Michigan in 1979, a M.A. in 1972 and B.A. in 1971 in English from Western Michigan University.

She is an award-winning author and/or editor of 13 books. Her most recent collection of poems, *Death Dance of a Butterfly*, received the 2013 Library of Michigan Notable Books Award for Poetry, *Roses and Revolutions: The Selected Writings of Dudley Randall* received the 2010 Independent Publishers Gold Award, the 2010 Library of Michigan Notable Books Award for Poetry, and was a Finalist for the 2010 NAACP Image Award for Poetry and the 2010 ForeWord Award for Poetry. She wrote the official poem for the Charles H. Wright Museum of African American History in Detroit, which is inscribed in the dedication wall, and she is the poet laureate of the Wright Museum. In 2015, she was honored with several awards for academic, cultural and community service, including, but not limited to the Association for the Study of African American Life and History Achievement Award, and the International Institute of Detroit for Community Service. In 2012, she was honored with a Sojourner Truth Meritorious Award from the National Association of Negro Business and Professional Women's Association.

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Wrestling with the Muse: Dudley Randall and the Broadside Press received the 2005 Honor for Nonfiction from The Black Caucus of the American Library Association. Boyd's critically acclaimed and widely reviewed, Discarded Legacy: Politics and Poetics in the Life of Frances E. W. Harper, 1825-1911, (1994) was the first comprehensive study of this major literary figure in the Abolitionist and Feminist Movements. Boyd has over 100 published essays and featured articles have appeared in anthologies, academic journals, cultural periodicals and newspapers in the United States and Europe. Likewise, she has lectured and given poetry readings nationally and internationally. Her poetry has been published in anthologies, journals and has been translated into German, French, and Italian.

As a documentary filmmaker, Boyd focuses on Detroit poets, including *The Black Unicorn: Dudley Randall and the Broadside Press*, which premiered at the Detroit Institute of Arts; co-producer of *Star by Star: The Poetry and Publishing of Naomi Long Madgett*, and *Reading Robert Hayden: Darwin T. Turner Discusses the Poetry of Robert Hayden*.

She was a Visiting Professor at the Fudan University in the Republic of China in 2009, and a Fulbright Scholar at the University of Bremen in Germany in 1983-4. She has been a professor at the University of Iowa and Ohio State University, and was the Director of African American Studies at the University of Michigan, Flint. In 1993, she took an associate professor position at Wayne State University, and subsequently served as Chair of Department of African American Studies for sixteen years. During this time, she was promoted to Full Professor, and subsequently honored as a Distinguished Professor in African American Studies.

FENG LIN



Feng Lin is Professor of Electrical and Computer Engineering at Wayne State University. He was born in Shanghai, China and received his B.Eng. degree in electrical engineering from Shanghai Jiao-Tong University in 1982. After graduation from Shanghai Jiao-Tong University, he went to University of Toronto to pursue his graduate study. He received his M.A.Sc. and Ph.D. degrees in electrical engineering from the University of Toronto, in 1984 and 1988,

respectively. From 1987 to 1988, he was a postdoctoral fellow at Harvard University. He joined Wayne State University in 1988 as an assistant professor. He was promoted to associate professor in 1994 and full professor in 2000.

Feng Lin is one of the pioneers in the field of discrete event systems (DES). He introduced and investigated observability and normality of DES in 1987, decentralized and hierarchical control of DES in 1991, limited and variable lookahead control of DES in 1992, robust control of DES in 1993, diagnosability of DES in 1994, on-line control of DES in 1994, nondeterministic discrete event systems in 1998, fuzzy discrete event systems in 2002, detectability of DES in 2007, Opacity of DES in 2011, and networked discrete event systems in 2014.

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Besides discrete event systems, Feng Lin has made contributions to other areas of systems and control, including (1) an optimal control approach to robust control of continuous variable systems, (2) A new backpropagation algorithm for deep learning in neural networks, and (3) A theoretical framework for image recognition using invariants. He published a book entitled "Robust control design: an optimal control approach" (by John Wiley & Sons) in 2007.

Feng Lin has published more than 110 papers in top-quality international journals and more than 120 papers in international conferences. According to Google Scholar, Feng Lin's papers have been cited more than 7700 times. His H-index is 45.

Feng Lin received the Axelby Outstanding Paper Award from IEEE (The Institute of Electrical and Electronics Engineers) Transactions on Automatic Control, the top journal in the control field, in 1994. He was elevated to the rank of IEEE Fellow in 2009, "For contributions to the theory and applications of discrete event systems."

MARY T. RODGERS



Mary T. Rodgers is a Professor of Chemistry at Wayne State University in Detroit, Michigan. Mary was born in Chicago, Illinois. She earned B.Sc. degrees in Chemistry and Mathematics from Illinois State University in 1985. Mary went on to study Chemical Physics at the California Institute of Technology (Caltech) in Pasadena, California under the direction of Aron Kuppermann, and earned her Ph.D. in 1992. Mary joined the faculty at Wayne State University as an

Assistant Professor in 1997 after her post-doctoral training in Caltech and University of Utah, and rapidly rose through the ranks, being promoted to Associate Professor in 2003, and Full Professor in 2006.

Rodgers is recognized nationally and internationally for her contributions to the fields of ion chemistry, chemical reaction dynamics, mass spectrometry, thermochemistry, ion spectroscopy, and computational modeling. She is best known for her significant and unique contributions to the accurate measurement and statistical modeling of energy-dependent cross sections for collision-induced dissociation processes. Rodgers and her research group have broadly applied mass spectrometry and computational approaches to a wide range of chemical systems and have contributed a significant body of absolute ion thermochemistry, spectroscopic characterization of ion structure, and validation of computational modeling for both structural and energetic applications. Current emphases are on the influence of the local environment and modifications on the

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structures and glycosidic bond stabilities of nucleic acids and their building blocks; noncovalent interactions for molecular recognition; advancement of top-down sequencing approaches for the characterization of nucleic acid primary structure and the elucidation of the sites and energetics of RNA-ligand binding, and ionic liquid clusters for electrical and chemical propulsion of satellites and other space vehicles.

Rodgers received a Research Award from the American Society of Mass Spectrometry in 1998, is a Visiting Scientist at the FELIX free electron laser facility in the Netherlands since 2007. Rodgers was elected a Fellow of the American Association for the Advancement of Science in 2010 and a Fellow of the American Physical Society in 2016. Rodgers' research has been primarily supported by the National Science Foundation via independent PI research grants, instrument acquisition and development grants, and international research and collaborative grants. She has also received funding from the American Society for Mass Spectrometry and the American Chemical Society-Petroleum Research fund. Rodgers has trained > 90 Ph.D., M.Sc. and B.Sc. student researchers including them in all aspects of the research enterprise and nearly all of her >150 peer-reviewed research publications. She is very active in the scientific community, is a member of a variety of professional societies, and currently serves as an editor of the European Journal of Mass Spectrometry and on the editorial boards of several other mass spectrometry journals. She is also a founding member of the board of directors for the Advancing Mass Spectrometry Society.

ALAN SCHENK



Alan Schenk, Distinguished Professor, Wayne State University Law School focused his academic career on domestic and international taxation. He is a member of the Michigan bar, the U.S. Tax Court and the U.S. Supreme Court.

Schenk is regarded as an expert on value added tax (VAT), having authored and co-authored dozens of articles and five books in the field. He co-authored, with Victor Thuronyi and Wei Cui, *Value Added Tax: A Comparative Approach*,

2d edition, published by the Cambridge University Press in 2015. It covers material on VAT from the European Union, Japan, New Zealand, Canada, South Africa, Brazil, and other countries, and is used in law schools, and by tax practitioners and government officials. He wrote about the role of a sales tax in the federal tax system, and developed a particular expertise in the taxation of financial services. Schenk's professional work on value added tax included his service as chair of the American Bar Association Section of Taxation Committee on Value Added Tax and Other Consumption Taxes. He also served on the editorial board of *The VAT Monitor* published by the International Bureau of Fiscal Documentation.

Schenk served as reporter for a model VAT statute prepared by the American Bar Association Tax Section VAT committee. That model was proposed in Congress to serve as the revenue source to reduce the federal deficit or to fund a national health care system. Schenk

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testified before the House and Senate tax-writing committees of the U.S. Congress on tax reform and alternative tax systems, including the value-added tax. Schenk served as a foreign expert on tax reform in the People's Republic of China, and is called upon to serve as an expert on tax in international arbitrations.

Schenk taught and co-taught VAT at Harvard, the University of Michigan and Duke's Sanford School of Public Policy, and at other schools in the U.S., Canada, Australia and South Africa. He has spoken at conferences or conducted seminars on VAT in the United States, Africa and Asia.

On the basis of his scholarship, for almost two decades, Schenk served as technical advisor for the International Monetary Fund, drafting and revising sales and value added tax laws for many countries in Africa and the Caribbean, including Anguilla, The Bahamas, Botswana, Ethiopia, Ghana, Gambia, St. Kitts and Nevis, St. Lucia, and the Turks and Caicos Islands. He wrote regulations and directives to implement VAT and help government personnel and the private sector administer and comply with the VATs that he drafted. He incorporated in his Comparative VAT book the expertise that he developed while drafting those VAT laws and regulations.

Schenk, the longest-serving professor in the college's history, is working on a history of Wayne State University Law School. The book explores the critical role that the Wayne Law students played in the history of this urban public law school.

Schenk received the John W. Reed Lawyer Legacy Award from the State Bar of Michigan, presented periodically to an educator from a Michigan law school whose influence on lawyers has elevated the quality of legal practice in Michigan. He received a distinguished faculty award from the Michigan Association of Governing Boards of State Universities.

A TRIBUTE HONORING

GLORIA HEPPNER, PhD

A MOST INFLUENTIAL CANCER RESEARCH LEADER IN THE HISTORY OF AACR



ADAM RUTHERFORD

"Nothing less than a tour de force."
—THE NEW YORK TIMES

"A family portrait for all humanity."
—THE WALL STREET JOURNAL

A BRIEF
HISTORY OF
EVERYONE
WHO EVER
LIVED

The Human Story Retold
Through Our Genes

READ BY THE AUTHOR

2018 Winner of the
Bonner Book Award



NATALIE BAKOPOULOS



Natalie Bakopoulos is the author of the forthcoming novel *Scorpionfish* (Tin House, 2020) and the novel *The Green Shore* (Simon & Schuster, 2012), and her fiction, essays, and poems have appeared in *Granta*, *Tin House*, *VQR*, *The New York Times*, *Iowa Review*, *Mississippi Review*, *Glimmer Train*, *O. Henry Prize Stories*, *Michigan Quarterly Review*, and various other publications. Along with Eileen Pollack and Jeremiah Chamberlin, she is the co-author of *Creative Composition*, a creative nonfiction textbook, and recently, her story “A History of Water” was included in *Bob Seger’s House and Other Stories: Made in Michigan*, an anthology published by Wayne State University Press. She received her MFA from the University of Michigan, has received fellowships from the Camargo and MacDowell foundations, and was a 2015 Fulbright Fellow in Athens, Greece. This past summer, she was a fellow at the Can Cab Literary Residency in Catalonia, Spain.

In addition to being a novelist, poet, and essayist, she is also a critic. A contributing editor to *Fiction Writers Review*, her reviews have also appeared in the *New York Times Book Review* and regularly in the *San Francisco Chronicle*. Her extensive review of Elena Ferrante’s *Neapolitan Quartet* appeared in *Michigan Quarterly Review*, and her review of Ferrante’s collection *Frantumaglia* was published in *The Kenyon Review*. She’s been a judge several times for the Modern Greek Studies Association translation prize, and she is an active member of the Modern Greek Studies Association. She also regularly presents papers at two conferences: The Association of Writers and Writing Programs Conference and the NonfictionNOW conference. In addition to her position at Wayne State University, she’s also faculty member of the summer program *Writing Workshops in Greece*.

JUNIOR FACULTY AWARD

ARUN K. LYER



Arun K. Lyer is a DoD Early Career Investigator holding a Tenure Track Assistant Professor appointment in the Department of Pharmaceutical Sciences and directs the Use-inspired Biomaterials and Integrated Nano-Delivery (U-BiND) Systems Laboratory at Eugene Applebaum College of Pharmacy and Health Sciences, Wayne State University, Detroit. He is also an Affiliate Member of the Molecular Imaging Program (MIP) at the Karmanos Cancer Institute. He completed his PhD in 2008 at Sojo University, Japan under the mentorship of Prof. Hiroshi Maeda, a 2016 Nobel Prize in Chemistry nominee. Dr. Lyer undertook postdoctoral fellowships at the Department of Pharmaceutical Sciences at Northeastern University, Boston under the mentorship of Distinguished Prof. Mansoor Amiji, and the Department of Radiology and Biomedical Imaging at the University of California, San Francisco (UCSF) under the mentorship of Prof. Henry VanBrocklin. His current interests are broadly focused on using a bottom-up approach of nanoparticle library synthesis, utilizing reagent free 'click' chemistry, for arriving at series of constructs with variable shape, size and surface characteristics. The library of nanosystems with variable physico-chemical and biological properties will aid in arriving at 'hits' that can overcome the current limitations of several drug delivery systems such as tumor stroma penetration, tumor cellular localization, tumor associated macrophage modulation and non-specific nanoparticle uptake. Addressing the disparities observed between preclinical in vitro and in vivo animal outcomes and correlating it with clinical success and failures will provide new direction in designing next generation of drug delivery systems that are more rational in moving the technologies from the bench to the bedside.

NERISSA VIOLA



Nerissa Viola is an assistant professor in the Department of Oncology at the Barbara Ann Karmanos Cancer Institute, School of Medicine. She obtained her PhD in Chemistry at Syracuse University under the mentorship of Prof. Robert Doyle. She was a postdoctoral research scholar at Memorial Sloan Kettering Cancer Center under the guidance of Prof. Jason S. Lewis. She received a number of awards including Nuclear Oncology

Young Investigator Award from the Society of Nuclear Medicine and Molecular Imaging in 2012 and the Alexander Nakeff Young Investigator Award in 2016 from Great Lakes International Imaging and Flow Cytometry Association. In 2018, she received a College Teaching Award from WSU School of Medicine.

Dr. Viola's research is predicated on harnessing the utility of imaging as non-invasive tools for cancer detection and as predictive markers of therapy, particularly in the field of immunoPET. She is further interested in developing antibody-based optical imaging probes for image-guided surgery, and photoacoustic detection. Her work has resulted in the development of novel imaging agents for the delineation and measurement of oncogenic biomarkers. At the start of her tenure, she was awarded an NCI R00 Pathway to Independence award to delineate induced receptor tyrosine kinases after treatment. She and Prof. Wei-Zen Wei obtained an NCI R21 grant funding to image antigen presenting cells. She developed a positron emission tomography imaging agent to monitor a cytokine, interferon- to assess response to immunotherapy in collaboration with Dr. Heather Gibson. This research venture is currently supported by the National Institutes of Health through the NIH/NCI R37 MERIT award. Her long-term goals include translation of the imaging tools to enable patient selection for improved clinical outcomes.

JUNIOR FACULTY AWARD

MIN YU



Min Yu is an Assistant Professor in the Division of Teacher Education in the College of Education at Wayne State University. She holds a Ph.D. from the University of Wisconsin-Madison, major in Curriculum and Instruction and minor in Educational Policy Studies. She received both M.A. and B.A. degrees from Beijing Normal University, China. Her work situates within the fields of curriculum studies and comparative and international education. Her main research focuses on how changing social, political, and economic conditions affect the education of children from migrant and immigrant families and communities. Her ongoing line of inquiry explores the relationships between home, school, and community with attention to historical and contemporary contexts of transnational migration. She is particularly interested in how migrant and immigrant communities mobilize resources to support their children's education both inside and outside of school. She uses ethnography, along with archival research and policy analysis, to develop critical understandings of the impact of broader social structures on the experiences of migrant and immigrant children and the role of community organization for education equity.

She is the author of the book *The Politics, Practices, and Possibilities of Migrant Children Schools in Contemporary China* (Palgrave Macmillan 2016), which received the 2018 American Educational Research Association (AERA) Division B—Curriculum Studies Outstanding Book Recognition Award. Her work also appears in journals such as *The China Quarterly*, *Comparative Education Review*, *Review of Research in Education*, *Diaspora*, *Indigenous*, and *Minority Education*, as well as chapters in various edited volumes. She has received Consortium of Humanities Centers and Institutes, Chiang Ching-kuo Foundation, and Morgridge Family Foundation grants.





CHUAN-PU LEE, PH.D.

Endowed Graduate Student
Research Presentation Day
October 4, 2019





WAYNE STATE

Academy of Scholars



Wayne State University
McGregor Memorial
Conference Center.

Infrared photo by
Matt Garin, BFA, MA