Received by the Regents
June 12, 2025

The University of Michigan
REGENTS COMMUNICATION

Item for information

Subject: Henry Russel Lecturer for 2026

Background: The Henry Russel Awards Faculty Advisory Committee, chaired by Dean Michael J. Solomon, met recently and upon their recommendation I am pleased to confirm that David Ginsburg, the James V Neel Distinguished University Professor of Internal Medicine and Human Genetics, Warner-Lambert/Parke-Davis Professor of Medicine, Professor of Internal Medicine, Professor of Human Genetics, Professor of Pediatrics, Medical School and Research Professor, Life Sciences Institute will be the Henry Russel Lecturer for 2026. Professor Ginsburg will deliver the Russel Lecture in the Winter Term of 2026.

The Henry Russel Lectureship is the highest honor that the University bestows upon a senior member of its faculty. A description of the contributions of this extraordinary faculty member is attached.

Respectfully submitted,

Domenico Grasso
President

June 2025
Attachment

David Ginsburg

David Ginsburg, James V. Neel Distinguished University Professor of internal medicine, human genetics, and pediatrics, Warner-Lambert/Parke-Davis professor of medicine, and professor of internal medicine and human genetics, brings together medical genetics, cutting-edge technologies and clinical medicine in unparalleled ways. Professor Ginsburg is one of the nation's leading scholars in the molecular genetics of bleeding and clotting disorders. Beginning with cloning the gene encoding von Willebrand factor (VWF) in 1985, his lab has studied the molecular basis of the most common inherited bleeding disorder, von Willebrand disease (VWD) and identified mutations in the gene *ADAMTS13* as the cause of Thrombotic Thrombocytopenia Purpura (TTP). Studies of the bleeding disease combined deficiency of factors V and VIII identified mutations in a novel pathway that controls the secretion of these proteins from the cells where they are produced into the blood. This latter work led the Ginsburg lab to further exploration of the intracellular machinery controlling the secretion of a range of proteins, and the role of components of this machinery in other human disease, revealing the potential for novel approaches to the treatment of several important human disorders. His body of work of 280 peer-reviewed publications, appear in top tier journals such as *Nature*, *Cell*, *Science*, *Proceedings of the National Academy of Science*, *Journal of Clinical Investigation*, and *Blood*. His research program has been continuously funded by both the Howard Hughes Medical Institute and the NIH for more than 35 years. His discoveries have driven patient therapeutics, including the treatment of VWD patients with the recombinant protein (based on the original cloning of the gene by David Ginsburg and Stuart Orkin) and a recently approved treatment for TTP with recombinant *ADAMTS13*.

Professor Ginsburg's high research caliber has led him to receive some of the highest honors in his field. He has been elected by his peers to four national learned societies: the National Academy of Sciences (2007), the National Academy of Medicine (1999), the American Academy of Arts and Sciences (2005), and the American Philosophical Society (2020). He has received a Distinguished Scientist Award from the American Heart Association, the Distinguished Research in the Biomedical Sciences Award from the Association of American Medical Colleges, the Henry M. Stratton Medal for Basic Research from the American Society of Hematology, and the Stanley J. Korsmeyer Award from the American Society for Clinical Investigation. Professor Ginsburg also exhibits a long record of recognition at the University of Michigan for his scholarly work. Beginning in 1988, he was recognized with the Jerome W. Conn Award for Distinguished Research by a Junior Faculty Member. In 1999, the Medical School bestowed on him the Distinguished Faculty Lectureship Award in Biomedical Research, and in the same year, he received the Distinguished Faculty Achievement Award. He was a Taubman Senior Scholar from 2011-2017, and in 2014, he was inducted into the Medical School's League of Research Excellence.

Professor Ginsburg's formidable intellect is coupled with a humble and generous spirit. He is always willing to lend a hand and provide advice and is known as an outstanding mentor, having trained a diverse group of more than 26 Ph.D. students and more than 50 postdoctoral fellows. Many of his former trainees hold tenure-track or equivalent faculty-level appointments at major research institutions or have assumed leading roles in the pharmaceutical industry, across the U.S. and abroad. His impact has been felt not only through service on key committees, but through his research, teaching, clinical activities, mentoring and community service. For over thirty years, Professor Ginsburg continued to see hematology, oncology and genetics patients and volunteered as an attending physician for the Homeless Shelter Medical Clinic in Ann Arbor for more than 10 years. Professor Ginsburg has been formally recognized for his teaching and student mentorship, having received the Internal Medicine Teaching Award, the Token of Appreciation from Medical Students (TAMS) Award (on two occasions), and the Medical Student Award for Teaching Excellence from the U-M Medical School.

Professor Ginsburg earned his B.A. (1974) at Yale University followed by his M.D. (1977) from Duke University. He held residencies and internships at Presbyterian Hospital in San Francisco and Peter Ben Brigham Hospital in Boston. He also held fellowships at the Harvard Medical Area Training Program in Hematology and Medical Oncology in Brigham and Woman's Hospital and Dana-Farber Cancer Institute, as well a research fellowship at Harvard Medical School and Children's Hospital. Professor Ginsburg joined the University of Michigan faculty in 1985 as assistant professor of internal medicine and investigator of the Howard Hughes Medical Institute (HHMI). In 1993, he was appointed professor with tenure of internal medicine and professor of human genetics and of pediatrics and was named Warner-Lambert/Parke Davis professor of medicine in 1994. In 2002, he was appointed as a charter member of the Life Sciences Institute, and in 2003 he was named the James V. Neel Distinguished University Professor of internal medicine and human genetics.

An exemplary scientist, physician, educator and colleague who is one of the leading investigators in the field of hemostasis and thrombosis, Professor Ginsburg's many contributions have brought distinction to the University of Michigan and the University of Michigan Medical School, and he is an exceptionally worthy selection as the 2026 Henry Russel Lecturer.

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Item for information

Subject: Henry Russel Awards for 2026

Background: The Henry Russel Awards Faculty Advisory Committee, chaired by Dean Michael J. Solomon, met recently and upon their recommendation I am pleased to confirm the selection of four faculty members to receive Henry Russel Awards for 2026. This award, which recognizes both exceptional scholarship and conspicuous ability as a teacher, is one of the highest honors the University bestows upon junior faculty members. The awards will be presented on the occasion of the Henry Russel Lecture, to be delivered in the Winter Term of 2026.

The faculty members selected to receive this award are:

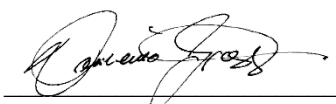
Solomon Adera, Assistant Professor of Mechanical Engineering, College of Engineering

Kevin Geoffrey Field, Associate Professor of Nuclear Engineering and Radiological Sciences, College of Engineering

Teresa Rodgers O'Meara, Assistant Professor of Microbiology and Immunology, Medical School

Paige Sweet, Assistant Professor of Sociology, College of Literature, Science, and the Arts

Respectfully submitted,



Domenico Grasso
President

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Solomon Adera

Solomon Adera earned his B.S. (2009) in mechanical engineering from the Georgia Institute of Technology. He earned his M.S. (2012) and Ph.D. (2016) in mechanical engineering from the Massachusetts Institute of Technology. He held a postdoctoral position at Havard University (2016-2019) and was appointed assistant professor of mechanical engineering in 2020.

Professor Adera's research focuses on fundamental studies in heat and mass transfer processes and fluid-structure interaction for energy applications. His work on enhancing condensation using engineered surfaces aims to reduce greenhouse gas emission by increasing the overall efficiency of the thermodynamic cycle in power plants. One of the focus areas of his research uses micro/nanoengineered surfaces to overcome the major bottleneck in cooling microelectronics devices. His lab works in developing innovative and novel thermal management solutions to remove the waste heat from electronic devices including wide band gap power electronics and battery packs in electric vehicles. Current funded projects in his lab include thermal management in spacecraft and battery pack assembly using phase change materials. He was lauded by the American Society of Mechanical Engineers (ASME) with the 2024 ASME K-16 Outstanding Early Career in Thermal Management Award, the most prestigious award by ASME to a junior researcher in the field. He also received a CAREER Award from the National Science Foundation to advance his fundamental study on high velocity droplet impact, spreading, retraction, and break up mechanism. Recently, he received the prestigious 2025 Johnson & Johnson Consumer Companies, Inc. Medal Award. This award recognizes outstanding contribution by an individual, company, government entity, school, or other organization toward developing and implementing practices, processes, and programs that value and promote inclusiveness of all people.

Professor Adera is a compassionate educator both inside and outside the classroom, with a long history of community service. To date, he has advised five doctoral students, twelve master's students, and three postdoctoral students. He served as the team advisor for students at several U.S. HBCUs in the Solar Decathlon 2021 Build Challenge sponsored by the National Society of Black Engineers (NSBE) and the U.S. Department of Energy. By redesigning school buildings, the student team he advised and mentored improved the energy efficiency of an outdated school district in Maryland. Moreover, he is a faculty Mentor for the Transfer Connections Mentoring Program where he mentors and advises 15+ transfer students in the winter and fall semesters. He is an active member of the Freshman Scholarship Review Committee (FRSC) where he reviews 60+ scholarship applications by incoming freshmen. He hosts high school students in his lab every summer. He firmly believes in giving back to the community. Currently, he advises two student groups: M-HEAL The Initiative and M-HEAL Solar Fridge. Both student groups strive to provide affordable engineering solutions to impoverished communities worldwide. M-HEAL

The Initiative aims to reduce the high rate of neonatal deaths in Ghana by providing affordable neonatal thermoregulation technology. M-HEAL Solar Fridge develops solar-based engineering solution to increase the viability of vaccines in remote villages in the Dominican Republic.

While a graduate student at the Massachusetts Institute of Technology and a postdoctoral associate at Harvard University, he volunteered at Tutoring Plus of Cambridge for 9+ years, a local nonprofit organization that provides free one-on-one tutoring to students (grades 4-12) of low-income residents in Cambridge.

Professor Adera's accomplishments as an exceptional researcher, teacher, and mentor bring distinction to the College of Engineering and the University of Michigan and make him exceptionally qualified to receive the Henry Russel Award.

Kevin Field

Kevin Field earned his B.S.E. (2007) from Michigan Technological University. He earned his M.S. (2009) and his Ph.D. (2012) in materials science from the University of Wisconsin-Madison. Before joining the faculty at the University of Michigan, he was an Alvin M. Weinberg Fellow and then a Staff Scientist at Oak Ridge National Laboratory. He was appointed associate professor of nuclear engineering and radiological sciences in 2019.

Professor Field's research is revolutionizing how the nuclear industry enhances safety through advanced materials design and accelerated testing. His pioneering development of radiation-tolerant alloys has led to the creation of innovative materials that significantly increase safety in nuclear reactors. Implementing this technology represents a substantial advancement in mitigating the risks associated with catastrophic events, protecting both the public and the environment. He and his collaborators are also helping their innovations rapidly find use in the commercial sector. Applying artificial intelligence and machine learning technologies to electron microscopy and nuclear materials, he and his collaborators have significantly shortened the development cycle for materials crucial to addressing pressing challenges in the nuclear energy sector, an achievement marked in part by the success of his spin-off company, Theia Scientific, LLC.

His research expertise is also sought for high-level strategic planning, as demonstrated by his appointment in July 2023 as the Director of the Michigan Ion Beam Laboratory—a flagship facility within the College of Engineering and the nation's premier destination for accelerated radiation effects testing—and his service on sub-committees for the Fusion Energy Sciences Advisory Committee (FESAC). In 2020, he was the recipient of the Department of Energy Fusion Energy Sciences Early Career Award, and in 2024, he was the recipient of the inaugural American Nuclear Society (ANS) 40 under 40 award, as well as the highest possible early career award by ANS, the ANS Landis Young Member Engineering Achievement Award. In January 2025, he was honored with the Presidential Early Career Award for Scientists and Engineers (PECASE) by the Biden Administration, the highest honor granted to early-career scientists and engineers by the U.S. federal government.

His commitment in the classroom ensures that students are equipped to tackle intellectual challenges without losing their equilibrium, a philosophy that has earned him high praise and acclaim. Students from various backgrounds find a place in Professor Field's classrooms and research group and experience a supportive learning environment that significantly nurtures their intellectual and personal growth. Professor Field received the NERS Faculty of the Year honor in 2023, bestowed by the students within the department in recognition of their deep appreciation for his mentorship, the robust guidance he provides, and his exceptional capability as both an educator and a motivator.

His students have received honors of their own, from the Richard F. and Eleanor A. Towner Prize for Outstanding Academic Achievement to the Towner Prize for Outstanding GSIs and winning highly competitive presentation and poster awards at national and internationally attended research conferences. Professor Field's students have gone on to secure positions at leading academic institutions, esteemed national laboratories, and prominent industry roles.

Professor Field's accomplishments as an exceptional researcher, teacher, and mentor bring distinction to the College of Engineering and the University of Michigan and make him exceptionally qualified to receive the Henry Russel Award.

Teresa O'Meara

Teresa O'Meara earned her A.B. (2007) at the University of Chicago and her Ph.D. (2013) at Duke University. She was a postdoctoral researcher in molecular genetics at the University of Toronto and a visiting scholar in microbiology and immunology at the University of California-San Francisco. She joined the faculty at the University of Michigan as an assistant professor in microbiology and immunology in 2019.

Professor O'Meara studies fungal pathogenesis: how the fungi in the *Candida* family (yeast) cause disease in humans. Using genetics and evolutionary perspectives, her lab investigates species of yeast on the WHO list of critical fungal pathogens for which there are few clinical treatments. Focusing on the natural variation in species and their basic mechanisms of colonization and disease, her work supports antifungal drug discovery. Her work has studied the ability of *Candida auris* to adhere to medical surfaces and how this aids in pathogen transmission, giving rise to outbreaks. She hypothesizes that this ability to adhere is critical for *Candida auris* in its evolution to cause virulence.

She has also studied how *Candida* species interact with the environment. She has investigated the genes and regulatory circuitry that drive responses to the environment among understudied, non-model fungal pathogens, as well as identified previously unknown mechanisms that underlie innate immune responses to *Candida* species. This impressive body of work is evidenced by her 22 peer-reviewed publications in highly ranked journals including *Science*, *Nature Communications*, *mSphere*, *Scientific Advances*, *PLOS Genetics*, and *PLOS Pathogens*. She is serving as an Associate Editor for the ASM journal *mSphere* is now an editor at *PLoS Pathogens*. Her work has been supported by continuous NIH funding since starting at the University of Michigan. She received the Thomas J. Walsh Young Investigator Award from the Medical Mycological Society of the Americas in 2023. She has given 22 invited talks including three keynotes and was the co-organizer of the 2024 Midwest Neglected Infectious Diseases conference.

Professor O'Meara is known for her collegiality, strong desire to contribute and help others, and her general enthusiasm for science. She has an excellent record of didactic and laboratory teaching and mentoring: she has directly mentored (or is currently mentoring) 4 postdoctoral fellows, 5 graduate students and 6 undergraduates. She has served on or serves on 17 dissertation committees (chair of 5 and co-chair of 1), and she is an excellent mentor in the laboratory. She has consistently received strong, enthusiastic teaching evaluations for her efforts in the classroom and has taught graduate classes in microbial pathogenesis, research responsibilities and ethics, and the global impact of microbes, medical microbiology and infectious diseases.

Within the microbiology and immunology department, she has served on the Graduate Studies Committee, Preliminary Exams Committee, three faculty search committees, and she is currently serving on the departmental Executive Committee and Appointments, Promotions, and Awards Committee.

Professor O'Meara's accomplishments as an exceptional researcher, teacher, and mentor bring distinction to the Medical School and the University of Michigan and make her exceptionally qualified to receive the Henry Russel Award.

Paige Sweet

Paige Sweet earned her B.A. (2009) in women and gender studies and English at Washington University in St. Louis. She earned her M.A. (2013) and her Ph.D. (2018) in sociology at the University of Illinois-Chicago. Before joining the faculty at the University of Michigan, she was a postdoctoral fellow at the Inequality in America Initiative at Harvard University. She was appointed as an assistant professor in sociology in 2020.

Professor Sweet is a sociologist of gender, violence, expertise, and state apparatuses, whose groundbreaking work analyzes domestic violence as a realm structured by professional therapeutic discourses and state institutions, which impact the lives, agency, and self-perceptions of women who have experienced domestic violence. Her first book, *The Politics of Surviving: How Women Navigate Domestic Violence and its Aftermath* (University of California Press, 2021), draws on eighteen-month months of multi-sited fieldwork, which combined participant observations in agencies working with women who have experienced domestic violence, life-narrative interviews with these women, and extensive archival research. In an uncompromisingly critical, counterintuitive, and yet highly communicative tone, Sweet shows how—through second wave feminism's complex entanglements with the therapeutic state—domestic violence was transformed from a political problem of patriarchal harm into an individualized psychological problem. Building on this field-defining work, Sweet has since investigated the relationship between crime victims' policies and the welfare state, gaslighting as a structural phenomenon, and domestic violence during COVID-19.

Her work has been published in top-ranked journals, including the *American Journal of Sociology* and the *American Sociological Review*. She has secured an advance contract for a second book with Princeton University Press, has authored and co-authored nineteen peer-reviewed articles, and won a total of seven awards from the American Sociological Association (ASA), including both the Sex & Gender Section Distinguished Book Award and Theory Section Theory Prize in 2022. As successful as she has been in academic publications, she has also worked to bring sociology to the wider public. Her work on gaslighting, where she reframes it from a problem between two individuals to fundamentally structural, rooted in perpetrators' ability to mobilize social inequalities against their intimate partners, has been featured in *Scientific American*, the *New York Times*, and *Discover Magazine*.

Professor Sweet is also an exceptionally good mentor, teacher, and citizen of her department, discipline, and university. She has so far served on 11 dissertation and four publishable papers committees, in addition to being the primary advisor of four sociology graduate students. In 2022, sociology graduate students recognized her with the Graduate Mentoring Award, and in 2021, she won the Honored Instructor Award from the University of Michigan.

She has so far taught three undergraduate and two graduate courses on gender and violence, the sociology of the body, and contemporary social theory. Having taught one of our graduate curriculum's two required theory courses has made Sweet a central figure in sociology's doctoral training, and even students who do not formally work with her come to consult her about their research and career track. She has served the *American Journal of Sociology* as a consulting editor and on the editorial boards of *Gender and Society* and *Sociological Theory*.

Professor Sweet's accomplishments as an exceptional researcher, teacher, and mentor bring distinction to the College of Literature, Science, and the Arts and the University of Michigan and make her exceptionally qualified to receive the Henry Russel Award.