

# 2023 Vanderbilt Academic Leaders Workshop

## Presenters and Panelist Directory



Douglas Adams, Associate Provost for Office of Research and Innovation and Daniel F. Flowers Professor of Civil and Environmental Engineering

Dr. Adams is the Daniel F. Flowers Professor, Distinguished Professor of Civil and Environmental Engineering, and Professor of Mechanical Engineering at Vanderbilt University as well as Associate Provost responsible for advancing institutional efforts to secure mega awards from external sponsors. He studies the health of materials and machines using sensors to reveal hidden signatures. Specifically, his group pioneered the development of nonlinear approaches for structural health monitoring to realize intelligent structures

that are self-aware to prevent failure in energy, security, and manufacturing applications. He founded and co-directs the Laboratory for Systems Integrity and Reliability, a 20,000 sq. ft. facility that is uniquely equipped and staffed for observing how engineered systems behave in realistic experiments at a full scale making it possible to bridge research discoveries to solutions that address societal grand challenges. For example, he leads Vanderbilt in the national \$259M Institute for Advanced Composites Manufacturing Innovation funded by the U.S. Department of Energy in collaboration with lead University of Tennessee, Knoxville and Oak Ridge National Laboratory together with over 120 corporate, federal and university partners. This program establishes a composites manufacturing ecosystem that will transform the nation's capability to economically and energy efficiently produce products ranging from fuel-efficient, safe composite automobiles to lightweight wind turbines.

Dr. Adams has written 92 peer-reviewed journal papers and 187 other technical articles, and authored a textbook on structural health monitoring as well as 5 book chapters on topics ranging from damage prognosis of composite aerospace structures to health monitoring of wind turbines. He has received over a dozen research awards including the Presidential Early Career Award for Scientists and Engineers, both the Society for Experimental Mechanics DeMichele and Lazan Awards, and was elected a Fellow of the American Society of Mechanical Engineers. He has advised 57 M.S./Ph.D. students, supervised 57 undergraduate researchers, and now works with two Ph.D. students. Dr. Adams teaches courses in mechanics and dynamics, i.e., the way things bend and move, featuring interactive, experiential learning on topics ranging from mechanics in motion pictures to present day disasters. He has won awards for classroom and online teaching and was elected to The Purdue Book of Great Teachers for his contributions in teaching when he was a professor at Purdue University. He has disseminated his research findings in over 150 seminars and 30 short courses, many of which were delivered internationally to universities, research institutes, and corporations. He has secured ~120 federal and industrial sponsored programs for over \$35M in funding and has nine patents and a number of patent applications in process. He also serves professional societies including ASME and SEM in several capacities. He serves the university as a member of the Transinstitutional Programs (TIPS) Council to help guide the

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implementation of the Academic Strategic Plan and works within the School of Engineering in the risk, reliability, and resilience and cyberphysical systems intellectual neighborhoods.

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Nicole Allen, Chair and Professor, Department of Human and Organizational Development, Peabody College

Nicole Allen is a professor of human and organizational development and chair of the department who studies community responses to gender-based violence, cross-sector community collaboration, and systems and organizational change. She believes that solutions to societal problems require changes across complex systems and organizations as well as the active engagement of communities. Her research aims to identify those needed changes and to think about how to achieve them, with members of society working together to

accomplish what cannot be done alone.

Allen joins the Department of Human and Organizational Development at Peabody College after recently serving as professor of psychology at the University of Illinois Urbana-Champaign. She is excited about the opportunity to work with excellent colleagues in a stimulating, interdisciplinary department that fosters opportunities to learn and grow at an outstanding university.

Allen received her Ph.D. and M.A. in ecological community psychology from Michigan State University in 2001 and 1997, respectively, and her B.S. in human development and family studies from Cornell University in 1993.

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Jennifer Fay, Chair and Professor, Department of English, and Gertrude Conaway Vanderbilt Professor of Cinema & Media Arts, College of Arts & Science

My research and teaching are broadly concerned with transatlantic film and media theory, environmental criticism, including critical Anthropocene studies, and the relationship between aesthetics and politics.

These interests are at the center of my third book *Inhospitable World: Cinema in the Time of the Anthropocene* (2018, Oxford University Press). Chapters move from Buster Keaton's weather designs to the Nevada atomic testing range, and from China's Three Gorges Dam to the icy shores of Antarctica. The book explores the relationship of media theory and aesthetics to the production of artificial worlds, weather, and

climates in which hospitality and survival in the world are at stake. *Film Quarterly* published an interview with me about this book (which has since been translated into Chinese), and extended reviews appear in *L.A. Review of Books* and the *Hong Kong Review of Books*. Parts of the manuscript have been translated into Greek and Spanish. *Inhospitable World* has been named a Choice "Outstanding Title" by the American Library Association, won Honorable Mention for the 2019 ASLE Ecocritical Book Award, was shortlisted for the 2019 Best Moving Image Award, Kraszna-Krausz Foundation, and was recognized at Vanderbilt in 2020 with the Chancellor's Award for Research. A recent essay in *Representations*, "Do I Know the Anthropocene When I See It?," extends some of this research to contemporary documentary cinema and the political theory of Hannah Arendt.

A second line of inquiry focuses on sincerity, opacity, and the media of appearance. A few recent essays venture into this topic. "Must We Mean What We Film?: Stanley Cavell's Candid Camera," is my contribution to a special double issue of *Discourse* I co-edited with Daniel Morgan entitled "Cinema, Modernism and the Perplexing Methods of Stanley Cavell" which appeared in November of 2020. More recently, I explore the unlikely affinity between Hannah Arendt's account of thinking and Cavell's exploration of thought on film published in *Critical Inquiry* (Winter 2022). Finally, an article, published in *Screen*, takes up the question of Hollywood's white privacy in the writings of Cavell and James Baldwin.

I co-edit the *Contemporary Film Directors* series for University of Illinois Press, serve on the editorial boards of the *Journal of Environmental Media and Film-Philosophy*, coordinate the Film Theory and Visual Culture Seminar at Vanderbilt's Robert Penn Warren Center for the Humanities, and have served on the Board of Directors for Nashville's Belcourt Theatre from 2012-2018. From 2011-2022, I was first director and then chair of the department of Cinema & Media Arts at Vanderbilt. In the Spring and Summer of 2021, I was a Fellow at Cinemoetics: Center for Advanced Film Studies at the Free University, Berlin.

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Tracey George, Vice Provost for Faculty Affairs and Professional Education and Charles B. Cox III and Lucy D. Cox Family Chair in Law and Liberty

Tracey George is the vice provost for faculty affairs and professional education at Vanderbilt University. George is also the Charles B. Cox III and Lucy D. Cox Family Chair in Law and Liberty and holds a secondary appointment in political science.

As vice provost, her portfolio includes faculty hiring and retention authorizations, faculty appointments and promotions, faculty awards and honors, and endowed chair appointments. She works with academic leaders across campus to enhance Vanderbilt's efforts to support faculty.

George teaches Contracts and Evidence in the law school, where she has earned the Hall-Hartman Teaching Prize eight times. In her scholarship, George brings a social science perspective to a range of topics, including judges and courts, judicial selection and elections, legal education and the legal profession, and contract law and theory. She has published numerous studies in which she examines how institutional design influences actions and outcomes in state and federal judicial systems. She is also a recognized expert on the study of legal education.

George received a J.D. from Stanford University Law School and an M.A. in political science from Washington University. She was a tenured professor at Northwestern before joining Vanderbilt in 2004.

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Chris Guthrie, Dean, Vanderbilt Law School and John Wade-Kent Syverud Professor of Law

Chris Guthrie has served as dean of Vanderbilt Law School since 2009. Dean Guthrie is a leading expert on behavioral law and economics, dispute resolution, negotiation and judicial decision making. Over the course of his academic career, he has been recognized for his research and teaching with two CPR Institute for Dispute Resolution Professional Article Prizes, the Outstanding First-Year Course Professor Award at Northwestern University Law School, and multiple teaching and research prizes at the University of Missouri, among other awards. He is one of the authors of the influential textbook *Dispute Resolution and Lawyers* and has

published more than 50 scholarly articles and essays in leading law journals, including the *University of Chicago Law Review*, *Cornell Law Review*, *Michigan Law Review*, *Northwestern University Law Review* and the *University of Pennsylvania Law Review*.

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Guthrie joined Vanderbilt's law faculty in 2002 following six years on the faculty at the University of Missouri School of Law. He served as the law school's associate dean for academic affairs from 2004-08 before becoming its dean in July 2009. During his academic career, Guthrie has served as a visiting professor at the Northwestern, Vanderbilt and Washington University law schools. Before entering the legal academy, he practiced law with Fenwick & West in Palo Alto, California.

Guthrie graduated with distinction and honors from Stanford University and then earned his master's in education from the Harvard Graduate School of Education and a law degree from Stanford Law School. At Vanderbilt, Dean Guthrie has taught Torts, Negotiation and Dispute Resolution.



Catherine Gavin Loss, Associate Dean for Academic Affairs and Professional Education and Associate Professor of the Practice in LPO, Peabody College

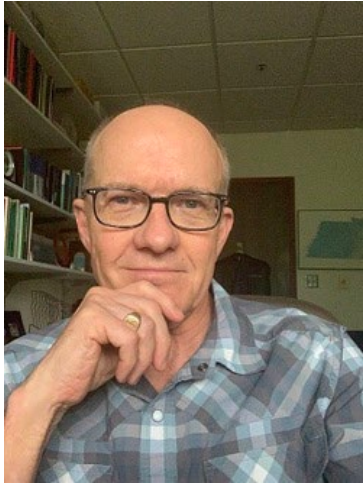
Catherine Gavin Loss is the associate dean for academic affairs and professional education and an associate professor of the practice at Vanderbilt University's Peabody College. As associate dean, her portfolio includes Peabody's offices of academic services, graduate and professional admissions, digital learning, and academic accreditation. She oversees academic program planning and implementation, curriculum development and revision, and strategic direction in professional education. She previously served as associate chair of the Department of Leadership, Policy, and Organizations and director of Peabody's Master of Public Policy (MPP) and Educational Doctorate (Ed.D.) programs. She earned a Ph.D. in education from the University of Virginia and M.A. in social sciences from the University of Chicago. She joined the Peabody faculty in 2008.

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Timothy McNamara, Interim Dean and Gertrude Conaway Vanderbilt Chair in the Social and Natural Sciences, College of Arts and Science

My research investigates human memory, cognition, and decision making, with a particular focus on spatial processing. My research has investigated the metric structure of spatial memory, the spatial reference systems used in memory to represent the locations of objects in the environment, and how people update representations of their own location and orientation during locomotion. Current experiments are examining how people use spatial cues to location and orientation (e.g., landmarks in the environment and body-based cues, such as vestibular, proprioceptive, and efference-copy information) during navigation to estimate their position and the locations of goals. These studies use Bayesian decision theory as a theoretical framework for examining the complex sensory-perceptual and decision processes involved in navigation.

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Rich Milner, Cornelius Vanderbilt Chair and Professor of Education, Peabody College

H. Richard Milner IV is Cornelius Vanderbilt Chair of Education in the Department of Teaching and Learning at Vanderbilt Peabody College of education and human development. He has secondary appointments in Peabody's Department of Leadership, Policy and Organizations and the Department of Sociology in Vanderbilt's College of Arts and Science. Milner is President of the American Educational Research Association, the largest research organization in the world. He is also an elected member of the National Academy of Education.

Milner is a researcher, scholar and leader of urban education and teacher education. Centering on equity and diversity, he has spent hundreds of hours observing teachers' practices and interviewing educators and students in urban schools about micro-level policies that shape students' opportunities to learn. He examines the social context of classrooms and schools and looks at ways in which teachers talk (particularly about race) influences student learning, identity and development.

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His research in urban schools and his book, “These Kids are out of Control: Why We Must Reimagine Classroom Management,” (Corwin Press, 2018) has influenced designs and practices of teacher education courses and programs. To improve relational, curricular, assessment and instructional practices, school districts across the United States and beyond draw on his recommendations to support students of color, those who live below the poverty line, and those whose first language is not English.

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C. Cybele Raver, Provost and Vice Chancellor for Academic Affairs

Dr. Raver offers a unique perspective on education as a developmental psychologist, professor, researcher, clinician, educator and administrator. Raver oversees all faculty, staff, programs and initiatives for Vanderbilt’s 10 schools and colleges. She also leads the university’s research, admissions, student affairs and residential life.

Raver is a fellow of the American Association for the Advancement of Science and is the Cornelius Vanderbilt Professor of Psychology and Human Development at Peabody College.

Since joining Vanderbilt in 2021, Raver has catapulted the university’s scholarship and research operations by recruiting visionary leaders, launching new pathways for faculty support, and establishing processes to facilitate bold and collaborative discovery across the university. She has worked to empower Vanderbilt undergraduate, graduate and professional students by expanding the Career Center, elevating resources for student health and wellness, enhancing support for graduate students, and undertaking other transformative initiatives.

Raver previously served as deputy provost at New York University, where she worked to advance interdisciplinary research and provided leadership for faculty and graduate students. In addition to serving as the provost liaison for several institutes across NYU, she also played a key role in strengthening the university’s reputation and marketing position by upping the standards of faculty hiring, advancement, tenure and retention. At NYU, Raver also held the positions of senior vice provost for academic analytics and graduate academic affairs, and vice provost for faculty and research affairs. In addition, she was the director of the Institute for Education Sciences-funded Predoctoral Interdisciplinary Research Training (IES-PIRT) and the inaugural director of the Institute of Human Development and Social Change.

Throughout her career, Raver has received prestigious awards from the American Psychological Association and the William T. Grant Foundation, among other organizations, and has been granted support from the MacArthur Foundation, the National Institutes of

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Health, the National Science Foundation and the Spencer Foundation, in which she garnered more than \$24 million in funding. Raver led her own federally funded research laboratory for more than 20 years before joining NYU's Office of the Provost, and her research focuses primarily on early learning and development within the contexts of poverty and public policy.

Raver is also a dedicated teacher. Prior to holding a Cornelius Vanderbilt Chair at Vanderbilt, she was a faculty member at NYU for 13 years. She has also held faculty positions at the University of Chicago's Harris School of Public Policy and Cornell University's Department of Human Development.

Beyond her roles in higher education, Raver advises various local and federal government agencies, working with them to promote healthy development and learning among children ranging from birth to the third grade.

A native of New York City, Raver earned her B.A. magna cum laude from Harvard University, where she studied psychology and filmmaking. She later earned her Ph.D. in developmental psychology from Yale University.

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Melissa Rose, Senior Associate Dean for Academic Affairs and Professor of Piano, Blair School of Music

Pianist Melissa Rose has collaborated with instrumentalists and singers in concerts throughout the United States and at venues in Argentina, Malta, Santorini, and Russia. She has recorded and edited arrangements for viola/piano of the Tonadillas by Granados (ViolaSound), one of which was included in the 2017 Grammy-nominated music film, *The Music of Strangers*.

In addition to chamber music recordings on the Naxos, Centaur, Blue Griffin, Delos, Good Child Music, and Navona Records labels, Melissa has participated in numerous premieres and residencies with leading American composers, and is a member of ALIAS Chamber Ensemble in Nashville. She has also performed for twenty-five years with the Summerfest Chamber Music Series in Kansas City.

Currently a Professor of Piano and Senior Associate Dean at Vanderbilt Blair School of Music, she enjoys preparing pianists for careers in collaboration. Melissa received the M.M. in piano performance from the Yale School of Music and the D.M.A. in collaborative piano from the University of Michigan.

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Duane Watson, Associate Provost for Faculty Development and Frank W. Mayborn Chair of Psychology and Human Development

Duane Watson's research focuses on the cognitive processes that underlie interactions between speakers and listeners. In particular, he focuses on how gesture, pitch, rhythm and emphasis in speech is used in communication. He also explores how individual differences in cognitive abilities and literacy influence language production, comprehension, and reading.