

Faculty Presentations

In honor of the inauguration of President Katsouleas, nine faculty members will each present an eight-minute TEDx-style talk, highlighting their areas of expertise. Representing UConn's outstanding faculty, this diverse group of scholars will provoke thought and discussion.

ORDER OF PRESENTATIONS AND BIOGRAPHIES

Cato Laurencin

Micki McElya

Douglas Casa

Maria Chrysochoou

Solomiya Ivakhiv

Fumiko Hoefft

Michael Bradford

Samantha Siedlecki

Michael White



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FACULTY PRESENTATIONS

REGENERATIVE ENGINEERING AND CONVERGENCE



Cato T. Laurencin

University Professor; Van Dusen Distinguished Endowed Professor of Orthopaedic Surgery; Professor of Chemical, Materials, and Biomedical Engineering; and CEO, Connecticut Convergence Institute for Translation in Regenerative Engineering

Cato T. Laurencin, M.D., Ph.D. is the 8th designated University Professor in the history of the University of Connecticut. A surgeon-engineer-scientist, he is the Albert and Wilda Van Dusen Distinguished Endowed Professor of Orthopaedic Surgery, and Professor of Chemical Engineering, Materials Science and Engineering, and Biomedical Engineering at UConn. Dr. Laurencin is the Chief Executive Officer of the Connecticut Convergence Institute for Translation in Regenerative Engineering at the UConn.

He earned his B.S.E. in Chemical Engineering from Princeton University, his M.D., Magna Cum Laude, from the Harvard Medical School, and his Ph.D. in Biochemical Engineering/Biotechnology from the Massachusetts Institute of Technology.

Dr. Laurencin is a pioneer of the field of Regenerative Engineering. He received the NIH Director's Pioneer Award, and the National Science Foundation's Emerging Frontiers in Research and Innovation Grant Award for this field. For his work, the American Association for the Advancement of Science awarded Dr. Laurencin the Philip Hauge Abelson Prize given 'for signal contributions to the advancement of science in the United States'. He is the recipient of the National Medal of Technology and Innovation, America's highest award for technological achievement, bestowed by the President of the United States in ceremonies at the White House.

Dr. Laurencin is an elected member of the National Academy of Medicine, an elected member of the National Academy of Engineering, and an elected member of the American Academy of Arts and Sciences. Internationally, Dr. Laurencin is an elected fellow of the Indian National Academy of Sciences, the Indian National Academy of Engineering, the African Academy of Sciences, The World Academy of Sciences, and is an Academician of the Chinese Academy of Engineering.



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HOPE, HISTORY, AND THE “FULL CATASTROPHE”



Micki McElya

Professor of History

Micki McElya, Professor of History, specializes in the histories of women, gender, race, and sexuality in the U.S. from the Civil War to the present, with an emphasis on political culture and memory. Her book, *The Politics of Mourning: Death and Honor in Arlington National Cemetery* was a finalist for the 2017 Pulitzer Prize for General Nonfiction, a Choice Outstanding Academic Title, and winner of a 2018 John Brinckerhoff Jackson Book Prize and the 2017 Sharon Harris Book Award from the UConn Humanities Institute. She serves as a Distinguished Lecturer for the Organization of American Historians, and is also author of *Clinging to Mammy: The Faithful Slave in Twentieth-Century America* (2007). Micki’s new project is provisionally called *Liberating Beauty: Feminism, the Civil Rights Movement, and Miss America*.



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PAYING IT FORWARD: HOW SURVIVING A HEAT STROKE DURING A 10K RACE AS A TEEN SHAPED MY ENTIRE PATH



Douglas Casa

Professor of Kinesiology; Director, Athletic Training Education; CEO, Korey Stringer Institute; and Research Associate, Human Performance Laboratory

Dr. Douglas Casa's passion for the study of exertional heat stroke (EHS) started in 1985 as a 16 year old when he suffered an EHS while running a 10K race. This experience motivated what has become his life's cause: the study of EHS, heat illnesses, hydration, and preventing sudden death in sport & physical activity. In April 2010 the Korey Stringer Institute (KSI, ksi.uconn.edu) was founded at UCONN. Korey was an All-Pro offensive tackle for the Minnesota Vikings of the NFL. He died from EHS in August 2001.

For the past 20 years Douglas Casa has worked at the Department of Kinesiology at UCONN. During this time he has published more than 250 peer-reviewed publications/book chapters. Dr. Casa has successfully treated 325 cases of EHS (with 0 fatalities). He was named a Fellow of the NAK in 2016. Additionally, Dr. Casa became a fellow of the NATA in 2008 and of ACSM in 2001. He has been a lead (10) or co-author (5) on 15 sports medicine (ACSM/NATA/IAAF/NCAA/Military) position/consensus statements related to heat illness/hydration/preventing sudden death. Doug currently serves on a special heat safety working group for the International Olympic Committee to help prepare for the 2019 Olympics in Tokyo.



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SO WHAT? MAKING MORE OUT OF STUDENT LEARNING



Maria (Marisa) Chrysochoou

Professor and Department Head, Department of Civil and Environmental Engineering and Director of the Connecticut Brownfields Initiative

Maria Chrysochoou is a Professor and Head of the Department of Civil and Environmental Engineering at the University of Connecticut. She obtained her BS in Physics at the Aristotle University of Thessaloniki, her MS in Environmental Engineering at Technische Universität Dresden in Germany and her Ph.D. in Environmental Engineering at Stevens Institute of Technology. She was hired as Assistant Professor at the University of Connecticut in 2007, promoted to Associate Professor in 2013, Full Professor in 2019 and was recently appointed as the first female Department Head in the School of Engineering. Dr. Chrysochoou's general research area is environmental geochemistry, with a focus on site remediation, characterization and reuse of industrial waste and construction materials. Dr. Chrysochoou also serves as the Director of the Connecticut Brownfields Initiative, an interdisciplinary training program for UCONN students to work with the state, CT towns and industry and advance the transformation of polluted and abandoned property into valuable land.



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LIFE IN MUSIC



Solomiya Ivakhiv

**Assistant Professor of Violin and Viola,
Head of Strings**

Ukrainian born violinist Solomiya Ivakhiv is known internationally for her work as a soloist and chamber musician. She has performed with Charleston Symphony, Istanbul State Symphony, Bach Festival Orchestra (Philadelphia), Hunan Symphony Orchestra in China, National Symphony Orchestra of Ukraine, and the Lviv Philharmonic Orchestra. She has appeared at Carnegie Hall, Merkin Concert Hall, CBC Glenn Gould Studio, Concertgebouw Mirror Hall, and Curtis Institute Field Concert Hall, among others. Her performances have been broadcast on *NPR's "Performance Today,"* China's *Hunan Television*, *Moldova National Public Radio and Television*, *Ukrainian National Radio and Television*, and *Netherlands Public Radio*. An avid supporter of contemporary music, she has premiered numerous new works by composers such as Eli Marshall, David Dzubay, Bruce Adolphe, Bohdan Kryvopust, Yevhen Stankovych, and Oleksandr Shchetynsky.

Dr. Ivakhiv has been featured at many prestigious chamber music festivals worldwide, including the San Jose Chamber Music Society, Embassy Series, Ottawa Chamberfest, Newport Music Festival, Bach Festival of Philadelphia, Nevada Chamber Fest, Kyiv Fest, Festival of Modern Music "Contrasts" and Prussia Cove. A dedicated educator, she has conducted masterclasses and chamber music coachings at Yale University, Columbia University, Boston Conservatory, Oberlin College, and Curtis SummerFest.

Dr. Ivakhiv is Associate Professor of Violin and Viola and Head of Strings at the University of Connecticut. She has also been Artistic Director of Music at the Institute (MATI) Concert Series in New York City since 2010, where she is a frequent performer.

She performs on Tetsuo Matsuda, ex Joseph Silverstein violin.

Performing with Dr. Ivakhiv is the Osiris Quartet comprised of Andy Peng (second year DMA)-Violin 1, Mai Vestergaard (4th year Music and Pharmacy)-Violin 2, Thi Le (sophomore-Chemical Engineering and Music)-Viola, Ching-Hung Chen (second year DMA)-Cello



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CAN NEUROSCIENCE DEMOCRATIZE EDUCATION?



Fumiko Hoeft

Professor of Psychological Sciences and Director of Brain Imaging Research Center (BIRC)

Fumiko Hoeft MD PhD is a Professor of Psychological Sciences, with joint appoints in Psychiatry and Neuroscience at the University of Connecticut (UConn). She is also the Director of UConn's Brain Imaging Research Center (BIRC). She is a neuroscientist who has been conducting research on reading and dyslexia over the past 16 years. She currently holds over \$19M in federal and foundation grants as well as philanthropic funding as PI or Co-PI. She received research training at Harvard, UCLA, Caltech and Stanford, and has held faculty positions at Stanford and UCSF. Recent honors include awards from the International Dyslexia Association (IDA; 2014), Learning & the Brain Foundation (2015), Int'l Mind Brain & Education Society (IMBES; 2018), Society for Neuroscience (SfN; 2018) and Eye to Eye (2019). She has published over 140 articles, reviews, and book chapters, and has delivered over 230 keynotes, talks and workshops at venues such as local schools, International conferences, TEDx and the White House. Her work has been widely covered in media such as *The New York Times*, *NPR*, *CNN*, the *New Yorker*, and *Scientific American*. She also serves on many boards of journals and organizations such as the *Psychological Sciences* and the *IDA*.



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WHEN LIFE LINES UP: THE JOY OF SAYING YES



Michael Bradford

**Professor and Department Head, Dramatic Arts
Department and Artistic Director, Connecticut
Repertory Theatre**

Michael Bradford holds a Masters of Fine Arts from Brooklyn College CUNY in Playwriting. He is Department Head of Dramatic Arts and Artistic Director of the Connecticut Repertory Theatre at the University of Connecticut. His plays have been produced at various venues in New York, including Off-Broadway at the American Place Theatre, the LARK Play Developmental Center, the HERE Art Center (NYC) and the Ensemble Studio Theatre. Regionally and internationally, his work has premiered at the Hygienic Arts Theatre (New London, Ct), eta Creative Arts Foundation, Inc. (Chicago, IL.), the Playhouse on Park Theatre (Hartford, Ct.), A Contemporary Theatre (Seattle, WA.), the Connecticut Repertory Theatre (Storrs, CT.), the Federico Garcia Lorca Salon at the Centro Cultural Dulce Maria Loynaz (Havana, Cuba) and the Brixton East Theatre, London (UK). His workshops, readings, and residencies include the Manhattan Theatre Club Playwriting Fellowship (NYC), The Negro Ensemble Co. at the Signature Theatre (NYC), Liminal Studios (London), the LARK Developmental Theatre (NYC), the New York Stage and Film Company Residency at Vassar, NY, and the Connecticut Commission on Culture and Tourism Writing Fellowship. He is the recipient of the Research Scholar Fulbright to Granada, Spain, has led master writing workshops at Teatro Oficina Theatre Company, Guimareas, Portugal and the University of Theatre in Tirgu-Mures, Romania. His work is published by Dr. Cicero Press (Woodstock, NY), Broadway Play Publishing, Inc. (NYC) and Smith and Krause (NYC).



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PREDICTING THE FUTURE OCEAN



Samantha Siedlecki

Assistant Professor of Marine Sciences

Dr. Samantha Siedlecki is an assistant professor at the University of Connecticut in the Department of Marine Science. Dr. Siedlecki's work focuses on modeling biogeochemistry in the ocean, specifically the exchanges between coastal and open ocean. The coastal ocean is the most productive region in the world's oceans, is the locus for nearly 90% of global organic carbon burial, provides habitat for major fisheries, and makes global climate change issues local. She views models as tools that integrate observations and theory and uses them to identify processes and mechanisms governing variability of carbon and oxygen content in coastal waters in the past, present and future.

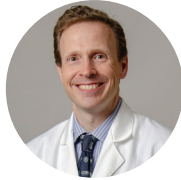


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FACULTY PRESENTATIONS

WE'VE GOT...HIGH HOPES! OUR IMPACT ON HEALTH OUTCOMES, POLICY, AND EVIDENCE SYNTHESIS



C. Michael White

**Professor and Department Head,
Department of Pharmacy Practice**

C. Michael White is Director of the UConn Evidence-based Practice Center, one of only 12 centers designated by the federal Agency for Healthcare Research and Quality. He specializes in cardiovascular health, natural products, and drugs of abuse utilizing systematic review, meta-analysis, and clinical trial techniques.

His work (>350 publications, 11,887 citations, h-Index 58) has been published in journals such as *JAMA*, *Lancet*, *Annals of Internal Medicine*, and *Circulation* with media coverage by *NBC Nightly News*, *Good Morning America*, *BBC*, *CNN* and other international media outlets. In 2016, he received the American Society of Health-System Pharmacists Award for Sustained Contributions to the Literature.

Professor White is the Hypertension Panel Chairman and Contributing Editor for *Annals of Pharmacotherapy* and an Editorial Advisory Board member of *Pharmacy Practice News*. Professor White is Author of the book *The Part-Time Diet: Conquering the Weight Loss Plateau*. He has written numerous OpEd pieces (>330,000 views/downloads), given interviews for major media groups, and was a guest on the *Dr Oz Show*. He is a fellow of the American College of Clinical Pharmacy and American College of Clinical Pharmacology.



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