



FORDHAM UNIVERSITY  
THE SCHOOL OF LAW

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The Neuroscience and Law Center  
presents

# THE FUTURE OF NEUROSCIENCE AND LAW

February 21, 2018

8:30 a.m. – 5 p.m.

Skadden Conference  
Center



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8:30 – 9 a.m.

**Registration and breakfast**

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9 – 9:15 a.m.

**Welcome**

**Matthew Diller, J.D.**

Dean and Paul Fuller Professor of Law, Fordham University School of Law

**Deborah W. Denno, Ph.D., J.D.**

Arthur A. McGivney Professor of Law and Founding Director, Neuroscience and Law Center, Fordham University School of Law

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9:15 – 10:45 a.m.

**Responding to Individuals Experiencing Serious Mental Health Disorders**

**Susan Herman, J.D.**

Deputy Commissioner, Collaborative Policing, New York City Police Department

**Karol V. Mason, J.D.**

President, John Jay College

**Leah G. Pope, Ph.D.**

Director, Substance Use and Mental Health Program, Vera Institute of Justice

**Cyrus R. Vance Jr., J.D.**

District Attorney, New York County

**Moderator: James L. Kainen, J.D.**

Professor of Law and Brendan Moore Chair in Advocacy, Fordham University School of Law

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10:45 – 11 a.m.

**Break**

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11 a.m. – 12:30 p.m.

**Creating Groundbreaking Research on Neuroscience and Law**

**Arielle Ryan Baskin-Sommers, Ph.D.**

Assistant Professor of Psychology, Yale University

**Deborah W. Denno, Ph.D., J.D.**

Arthur A. McGivney Professor of Law and Founding Director, Neuroscience and Law Center, Fordham University School of Law

**Bernice B. Donald, J.D.**

Judge, U.S. Court of Appeals for the Sixth Circuit

**Tom Tyler, Ph.D.**

Macklin Fleming Professor of Law, Professor of Psychology, and Founding Director of The Justice Collaboratory, Yale University

**Moderator: Bruce Green, J.D.**

Louis Stein Chair of Law and Director, Stein Center for Law and Ethics, Fordham University School of Law

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12:30 – 1:30 p.m.

**Lunch (boxed lunch will be provided)**

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1:30 – 3 p.m.

**The Challenge of Malingering: Symptoms Real, Imagined, and Pretended**

**Lawrence Amsel, M.D., M.P.H.**

Assistant Professor of Clinical Psychiatry, College of Physicians and Surgeons, Columbia University; Research Psychiatrist, New York State Psychiatric Institute; and Attending Psychiatrist, New York Presbyterian Hospital

**Monte S. Buchsbaum, M.D.**

Professor Emeritus of Psychiatry and Radiology, University of California, San Diego

**Benedene Cannata, J.D.**

Senior Counsel, The Flomenhaft Law Firm, PLLC

**Avraham Schweiger, Ph.D.**

Neuropsychologist and Professor Emeritus, Department of Psychology, Academic College of Tel Aviv, Israel

**Moderator: Kimani Paul-Emile, J.D., Ph.D.**

Associate Professor of Law; Associate Director, Center on Race, Law & Justice; and Faculty Co-Director, Stein Center for Law & Ethics, Fordham University School of Law

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3 – 3:15 p.m.

**Break**

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3:15 – 4:45 p.m.

**Reconceptualizing Concussion in Law: The Increasing Influence of Neuroscience**

**Heather A. Berlin, Ph.D., M.P.H.**

Assistant Professor, Department of Psychiatry, Icahn School of Medicine at Mount Sinai; Department of Neurological Surgery, Weill Cornell Medicine/New York Presbyterian Hospital; Sackler Brain and Spine Institute

**Michael Flomenhaft, J.D.**

Principal, The Flomenhaft Law Firm, PLLC

**Mehrdad Golzad, M.D.**

Neurologist, Flushing Hospital Medical Center

**Michael L. Lipton, M.D., Ph.D., F.A.C.R.**

Associate Director, Gruss Magnetic Resonance Research Center and Director of Radiology Research, Albert Einstein College of Medicine; Medical Director of MRI Services, Montefiore Medical Center

**Moderator: Clare Huntington, J.D.**

Associate Dean for Research and Joseph M. McLaughlin Professor of Law, Fordham University School of Law

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4:45 p.m.

**Closing Remarks**

**Lawrence Amsel, M.D., M.P.H.**

Assistant Professor of Clinical Psychiatry, College of Physicians and Surgeons, Columbia University; Research Psychiatrist, New York State Psychiatric Institute; and Attending Psychiatrist, New York Presbyterian Hospital

Amsel serves as an expert witness in matters related to psychiatry, with a focus on malpractice, post-traumatic stress disorder, suicide, grief, medical decision making, and appropriate evidence-based standards of care. Amsel's expertise in dealing with the interface of legal and psychiatric issues is based on 28 years of experience in clinical practice, academic psychiatry, research, and public health.

Amsel studied mathematics at the undergraduate and graduate level at Columbia University before switching careers and attending Yale University School of Medicine. After completing an internship at Mt. Sinai Medical Center and residency training at Cornell, Amsel worked as a medical journalist and medical editor for the *New England Journal of Medicine* focusing on a weekly televised version of the journal. He later joined the Columbia University Department of Psychiatry faculty and completed two prestigious National Institute of Mental Health research fellowships—one in mental health statistics and the other in child psychiatry research, and obtained a Master of Public Health from Columbia's Mailman School of Public Health.

As an expert on the effects of traumatic experiences, after 9/11, Amsel co-directed the trauma studies and services division at the New York State Psychiatric Institute, where he was extensively involved in treating victims of 9/11 and their families, doing research on the effects of the 9/11 attacks on the survivors and first responders, and training clinicians in cutting-edge treatments for PTSD and complicated/traumatic grief. He continues to do research on individuals exposed to 9/11 as children or adolescents, as well as research on the traumatizing effects on children of having a parent involved in the criminal justice system in the South Bronx. This has given him a strong foundation as an expert on PTSD and other psychological effects of trauma and terrorism, and has contributed to his expertise on related legal issues as well as on legal aspects of suicide, malpractice, and prison mental health.

Amsel was one of the early champions of the application of decision science, game theory, and behavioral economics to psychiatric research and practice including to suicidal behavior, and he is contracted by Oxford University Press to write a book on the subject. Amsel has applied his extensive clinical and research expertise to many different types of complex legal issues involving psychiatry.

**Arielle Ryan Baskin-Sommers, Ph.D.**

Assistant Professor of Psychology, Yale University

Baskin-Sommers is an assistant professor of psychology at Yale. Her work focuses on identifying and specifying the cognitive, emotional, and environmental mechanisms that contribute to disinhibited and antisocial behavior. She examines these mechanisms in a wide variety of individuals, including those who suffer from substance use disorders, psychopathy, antisocial personality disorder, and those who chronically engage in risky behavior. A guiding principle of her research is that though disinhibited and antisocial behavior (e.g., impulsivity, crime, substance use) may look similar, the mechanisms underlying those behaviors can be different in different individuals. She uses that principle and multiple methods (e.g., electrophysiology, neuroimaging, behavior, self-report) to develop novel experimental tasks, assessments, and intervention strategies that consider these differences across individuals. Her research has powerful implications for justice system-

involved individuals, as current assessments and interventions take a more or less one-size-fits-all approach. Instead, Baskin-Sommers' research shows the importance of distinguishing and targeting the underlying mechanisms that are associated with specific forms of psychopathology and behavior. Baskin-Sommers engages in this endeavor in hopes of improving both the lives of individuals as well as the health and safety of communities.

**Heather A. Berlin, Ph.D., M.P.H.**

Assistant Professor, Department of Psychiatry, Icahn School of Medicine at Mount Sinai; Department of Neurological Surgery, Weill Cornell Medicine/New York Presbyterian Hospital; Sackler Brain and Spine Institute

Berlin is a cognitive neuroscientist and assistant professor of psychiatry at the Icahn School of Medicine at Mount Sinai where she also completed her NIH post-doctoral fellowship. She practices clinical neuropsychology at Weill Cornell Medicine/New York Presbyterian Hospital in the Department of Neurological Surgery, and is a visiting scholar at the New York Psychoanalytic Society and Institute. She explores the neural basis of impulsive and compulsive psychiatric and neurological disorders with the aim of developing novel treatments. She is also interested in the brain basis of consciousness, dynamic unconscious processes, and creativity.

Berlin was a visiting professor at Vassar College, the Swiss Federal Institute of Technology/University of Zurich, and The Hebrew University of Jerusalem. She is the recipient of numerous honors, including the Young Investigator Award from the American Neuropsychiatric Association, the International Neuropsychological Society Phillip M. Rennick Award, the Young Investigator Award from the National Education Alliance for Borderline Personality Disorder, and the Clifford Yorke Prize from the International Neuropsychology Society. She was honored as one of Stony Brook University's 40 Under Forty, and she won the 2015 BBC University Challenge as part of the Magdalen College, Oxford team. She has published over 40 peer-reviewed articles and chapters including in high-impact journals like *American Journal of Psychiatry* and *Brain*.

Passionate about science communication and promoting women in STEM, Berlin is a committee member of the National Academy of Sciences' Science and Entertainment Exchange, and *The New York Times* series TimesTalks. She hosts *Startalk All-Stars* with Neil DeGrasse Tyson, and hosted the PBS series *Science Goes to the Movies*, and the Discovery Channel series *Superhuman Showdown*. Berlin also co-wrote and stars in the critically acclaimed off-Broadway and Edinburgh Fringe Festival show *Off the Top*, about the neuroscience of improvisation. She has made numerous media appearances including on the BBC, History Channel, Netflix, National Geographic, and TEDx, and was featured in the documentary film *Bill Nye: Science Guy*. She received her Ph.D. from the University of Oxford and Master of Public Health from Harvard University.

**Monte S. Buchsbaum, M.D.**

Professor Emeritus of Psychiatry and Radiology, University of California, San Diego

Buchsbaum is Distinguished Professor of Psychiatry and Radiology at the University of California, San Diego. He heads the new NeuroPET Center and leads an effort in developing an expanded research effort with positron emission tomography. Located in Sorrento Valley about two miles north of the main campus at 11388 Sorrento Valley Road and close to the UCSD MRI and MEG facilities, the center will be

capable of metabolic studies with fluorodeoxyglucose, and initial radioligand studies of the serotonin transporter with DASB, brain amyloid with PIB, and the dopamine receptor with fallypride for cortical and thalamic receptors and raclopride for striatal receptors. He has been a pioneer in brain-mapping studies of schizophrenia and traumatic brain injury both with topographic EEG and PET explorations of antipsychotic-drug effects and the role of the prefrontal cortex and attention in these complex disorders. Since 1980, the primary focus of Buchsbaum's research has been brain imaging, combining positron emission tomography, computerized EEG and evoked potential brain mapping, and later magnetic resonance imaging and diffusion tensor imaging. While in the Intramural Research Program at the National Institute of Mental Health, Buchsbaum published some of the first PET studies in psychiatry. Because the PET field was still in its relative infancy, he developed a family of computer programs for specialized PET analysis, stereotactic localization with a digitized brain atlas, and adaptation of Sokoloff's program for glucose quantification. In 1982, Buchsbaum left the NIMH to head the Brain Imaging Center at the University of California, Irvine and carried out studies on the prefrontal cortex in schizophrenia using FDG-PET and EEG and published one of the first studies on PET in traumatic brain injury.

This work on the prefrontal cortex led Buchsbaum to the applications of PET in traumatic brain injury, since vehicular accidents frequently involve damage to the frontal lobe. Moreover, frontal lobe injuries, which affect mood, executive function, and personality are harder to demonstrate than extremity loss or motor disabilities and thus more likely to be litigated. Diminished frontal activity may also be associated with deficits in impulse control and future-oriented planning, and may be present in individuals who commit violent acts. Applications of PET scanning to understanding of mitigating circumstances have been presented in capital cases. Buchsbaum was a member of the AAAS-ABA Science and Law advisory group 2010-2013 and under their auspices and with support of the Dana Foundation has made a series of presentations on imaging the brain in trauma and violence as part of an educational program for federal judges at five sites across the United States. Buchsbaum has received two competitively awarded grants from the Veterans Administration to study traumatic brain injury with FDG-PET and has published these results in 2015. Buchsbaum is the author of over 500 published scientific articles in reviewed journals. He is editor of *Psychiatry Research* and co-editor of *Psychiatry Research: Neuroimaging*.

### **Benedene Cannata, J.D.**

Senior Counsel, The Flomenhaft Law Firm, PLLC

Cannata is a graduate of Colgate University and New York Law School. She has been senior counsel to the Flomenhaft Law Firm—a neurolaw focused firm—since its inception in 2010. Her expertise is in research and writing on a vast array of legal topics related to personal injury law, in particular the admissibility of neuroscientific evidence.

Cannata is a dean of the New York State Academy of Trial Lawyers. She has presented more than 40 CLE courses on various subjects relating to personal injury practice, including evidence, discovery, expert witnesses, appeals, and legal writing. Her course Physicians and Their Records at Trial was presented more than 16 times, including at the 2015 Court of Claims Justices conference in Lake Placid. She has also presented courses for the Monroe County Bar Association, the New York City Bar, and the New York State Bar Association. In 2014 she moderated a panel titled "The Admissibility of Neuroscientific Evidence in the Courtroom" as part of the "Neuroscience in the Courtroom" education course presented at Fordham Law School.

### **Deborah W. Denno, Ph.D., J.D.**

Arthur A. McGivney Professor of Law and Founding Director, Neuroscience and Law Center, Fordham University School of Law

Denno is the Arthur A. McGivney Professor of Law and founding director of the Neuroscience and Law Center at Fordham University School of Law. She received her B.A. from the University of Virginia, her M.A. from the University of Toronto, her Ph.D. in sociology with a specialty in criminology from the University of Pennsylvania, and her J.D. from the University of Pennsylvania Law School, where she was the managing editor of the *University of Pennsylvania Law Review*. Prior to joining the Fordham Law faculty in 1991, Denno clerked for the Honorable Anthony J. Scirica of the Third Circuit Court of Appeals and worked as an associate at Simpson, Thacher and Bartlett. Denno's Neuroscience and Law Center provides evidence-based information to academics, lawyers, and the public about legally relevant advances in neuroscience with the goal of fostering legal scholarship and the use of neuroscience in legal circles. Also at Fordham Law, Denno teaches criminal law, criminal procedure, torts, and seminars on topics such as law and neuroscience as well as advanced criminal law and advanced criminal procedure. In 2016, the Fordham Student Bar Association named Denno Teacher of the Year. In 2007, the *National Law Journal* selected Denno as one of its Fifty Most Influential Women Lawyers in America. Seven of Denno's articles have been cited by the United States Supreme Court, and the Court has cited four of her articles in the last three years (2015-2017). Denno has published on a broad range of topics relating to criminal law, criminal procedure, social sciences and the law, and the death penalty, including the constitutionality of execution methods. Denno has also initiated cutting-edge examinations of criminal law defenses pertaining to insanity, rape law, gender differences, consciousness, biological and genetic links to crime, drug offenses, jury decision-making, and the impact of lead poisoning. Currently she is working on a book to be published by Oxford University Press analyzing all criminal cases during a two-decade period that have addressed neuroscience evidence. This same study is discussed in her recent article "Concocting Criminal Intent," 105 *Georgetown Law Journal* 323 (2017).

### **Bernice B. Donald, J.D.**

Judge, U.S. Court of Appeals for the Sixth Circuit

Donald, a judge on the United States Court of Appeals for the Sixth Circuit, received her law degree from the University of Memphis Cecil C. Humphreys School of Law. Prior to being appointed to the U.S. Court of Appeals in 2011, she served on the U.S. District Court, for more than fifteen years. She is currently a member of the prestigious American Law Institute, serves as chair of the American Bar Association Center for Human Rights and recently chaired a committee that has published an implicit bias resource book for judges and practitioners titled *Enhancing Justice: Reducing Bias*. Prior to this, she served as chair of the ABA Criminal Justice Section, where her focus was on issues concerning implicit bias, children of incarcerated parents, mass incarceration, and the collateral consequences of incarceration. Having previously served as secretary of the American Bar Association, Judge Donald is currently a member of the ABA House of Delegates. Judge Donald has been on the faculty at the National Judicial College, the Federal Judicial Center, and the Judge Advocate General's Legal Center & School. Judge Donald recently served as a member of the faculty at the 11th Annual Criminal Law Symposium at Texas Tech University School of Law, providing the keynote address on issues of Miranda fifty years after the landmark case. She also served as faculty for the Federal Magistrate Judges Conference held in Portland, Oregon, where she was part of the panel titled "Thinking, Blinking, and Judging: Addressing Implicit Biases." She has served as jurist in res-

idence at American University, Washington University, and the University of Cincinnati schools of law and will serve as jurist in residence at New York University School of Law in fall 2017. In addition, she has served as faculty for international programs in over twenty countries. Judge Donald's writings include the following: "A Glimpse Inside the Brain's Black Box: Understanding the Role of Neuroscience in Criminal Sentencing," 85 *Fordham Law Review* 481 (2016); "Not Your Father's Legal Profession: Technology, Globalization, Diversity, and the Future of Law Practice in the United States," 44 *University of Memphis Law Review*. 645 (2014); "Bringing Back Reasonable Inferences: A Short, Simple Suggestion for Addressing Some Problems at the Intersection of Employment Discrimination and Summary Judgment," 57 *New York Law School Law Review* 749 (2012-2013); "The Not-So-New Normal of the Legal Profession: Facing and Confounding the Odds," 23 *American University Journal of Gender, Social Policy & the Law* 1 (2014); and "Immigrants and Other Cultural Minorities as Non-Traditional Plaintiffs: Culture as a Factor in Determining Tort Damages," 92 *Judicature* 220 (2009). Judge Donald has received over 100 awards for professional, civic, and community activities, including the Distinguished Alumni Award from the University of Memphis, the Martin Luther King Community Service Award, and the Benjamin Hooks Award from the Memphis Bar Foundation.

**Michael Flomenhaft, J.D.**

Principal, The Flomenhaft Law Firm, PLLC

Flomenhaft is principal of The Flomenhaft Law Firm, PLLC in New York City. His firm concentrates on representing victims of traumatic brain injury and severe chronic pain. He is a graduate of Boston University School of Law and the Trial Lawyers College. He has been a featured speaker to the New York State Bar Association on cases involving traumatic brain injury. In 2008, Columbia University Medical Center designated him director of neurolaw for its Program for Imaging and Cognitive Sciences. In 2009, he was invited to deliver grand rounds on advanced brain imaging applications for traumatic brain injury to the radiology residency program at Columbia University College of Physicians and Surgeons. In 2011, he was a featured speaker at the Second Circuit Conference on "The Legal Brain-scape: Neuroscience & the Law," where he spoke on imaging neuroscience and its assessment of chronic pain and delivered the paper "The Emerging Imaging Science of Chronic Pain: Objectifying the Subjective." In 2014, he chaired and was a key speaker at the all-day CLE at Fordham Law School "Neuroscience in the Courtroom." He has been featured on CUNY Science Television on neuroscience and law. In 2017, he was featured in a webinar by the American Bar Association as the attorney spokesman for its first ever CLE on neuroscience and law, "Neuroscience and the Law: Using Neuroscience in Criminal and Civil Cases." He is a member of the board of advisors to the Neuroscience and Law Center at Fordham Law School. In his trial work, he has pioneered the admission into evidence of various advanced brain imaging applications. These include diffusion tensor imaging (DTI), quantitative volumetric analysis of MRI, and functional MRI (fMRI).

**Bruce Green, J.D. (moderator)**

Louis Stein Chair of Law and Director, Stein Center for Law and Ethics, Fordham University School of Law

Green is the Louis Stein Chair at Fordham Law School, where he directs the Louis Stein Center for Law and Ethics. He teaches and writes in the areas of legal ethics and criminal law, and has co-authored the casebook *Professional Responsibility: A Contemporary Approach* (West, 3d ed. 2017). He currently chairs the ABA Criminal Justice Standards Committee and the New York City Bar's Committee

on Professional Ethics. He previously chaired the ABA Criminal Justice Section. Since joining the Fordham faculty in 1987, Green has engaged in various part-time public service, including as a member of the New York City Conflicts of Interest Board, as a member of the attorney disciplinary committee in Manhattan, as associate counsel in the office of the Iran/Contra prosecutor, and as a consultant and special investigator for the New York State Commission on Government Integrity. Previously, Green was a federal prosecutor in the Southern District of New York, where he served as chief appellate attorney, and he was a judicial law clerk to Justice Thurgood Marshall and Circuit Judge James L. Oakes. He is a graduate of Princeton University and Columbia Law School.

**Mehrdad Golzad, M.D.**

Neurologist, Flushing Hospital Medical Center

Golzad is a neurologist and received his M.D. from Pierre and Marie Curie University. He has been practicing for over 20 years, and is board certified in both general neurology and electrodiagnostic medicine, and has broad expertise in neurophysiology, neuropharmacology, quantitative EEG, neurofeedback, and balance disorders caused by traumatic brain injury. From 1999 to 2009 he was the director of neurology at the St. Vincent Catholic Medical Centers of Brooklyn and Queens. Since then he has worked in private neurology practice. Through his affiliation with Flushing Hospital Medical Center, Golzad evaluates and treats patients admitted in acute-care beds for neurological conditions, such as stroke or epilepsy.

**Susan Herman, J.D.**

Deputy Commissioner, Collaborative Policing, New York City Police Department

Returning to the New York City Police Department in January 2014, Herman was named deputy commissioner, collaborative policing. Herman's role is to foster shared responsibility for public safety through productive partnerships with individuals, government agencies, and community-based organizations. The Office of Collaborative Policing concentrates on developing more non-enforcement options for police officers, designing creative and focused enforcement strategies, and improving access to police services.

A member of the NYPD from 1985 to 1990, Herman served as the special counsel to the police commissioner to three consecutive police commissioners: Benjamin Ward, Richard Condon, and Lee P. Brown. Prior to her return, Herman was an associate professor in the Department of Criminal Justice at Pace University. She also served as the executive director of the National Center for Victims of Crime, director of community services at The Enterprise Foundation, director of the Domestic Violence Division at Victim Services (now Safe Horizon), director of Mediation Services at the Institute for Mediation and Conflict Resolution, and an instructor at NYU School of Law and NYU's Wagner School of Public Service.

A recipient of the United States Attorney General's National Crime Victim Service Award, Herman is known for her new vision of justice set forth in her book *Parallel Justice for Victims of Crime*. Herman holds a Bachelor of Arts degree in political science from Bryn Mawr College and a Juris Doctor from the Antioch School of Law.

**Clare Huntington, J.D. (moderator)**

Associate Dean for Research and Joseph M. McLaughlin Professor of Law, Fordham University School of Law

Huntington is an expert in the fields of family law and poverty law. Her book *Failure to Flourish: How Law Undermines Family Relationships* (Oxford 2014) won an Honorable Mention for the Professional and Scholarly Excellence (PROSE) Award in Law and Legal Studies from the Association of American Publishers. Huntington has published widely in leading law journals, exploring the intersection of poverty and families and with a recent focus on non-marital families. Huntington serves as an associate reporter for the American Law Institute's Restatement of the Law, Children and the Law. Huntington's legal experience includes serving as an attorney advisor in the Justice Department's Office of Legal Counsel as well as clerking for Justice Harry A. Blackmun and Justice Stephen Breyer of the Supreme Court of the United States, Judge Merrick B. Garland of the United States Court of Appeals for the District of Columbia Circuit, and Judge Denise Cote of the United States District Court of the Southern District of New York. Prior to joining the Fordham faculty in 2011, Huntington was an associate professor at the University of Colorado Law School. Huntington earned her J.D. from Columbia Law School and her B.A. from Oberlin College.

**James L. Kainen, J.D. (moderator)**

Professor of Law and Brendan Moore Chair in Advocacy, Fordham University School of Law

Kainen holds the Brendan Moore Chair in Advocacy at Fordham Law School, where he teaches Evidence and Property. He graduated from Brown University and Harvard Law School.

Before joining the Fordham faculty, Kainen was associate professor at the University of Miami School of Law and assistant United States attorney for the Southern District of New York. He also was an associate at Kreindler & Kreindler and Bernstein Litowitz Berger & Grossman, assistant professor in law and liberal education at Brown University, and law clerk to United States District Judge Robert L. Carter.

Kainen writes about issues at the intersection of evidence and criminal procedure. While at the U.S. Attorney's Office, he prosecuted fraud and domestic terrorism cases.

**Michael L. Lipton, M.D., Ph.D., F.A.C.R.**

Associate Director, Gruss Magnetic Resonance Research Center and Director of Radiology Research, Albert Einstein College of Medicine; Medical Director of MRI Services, Montefiore Medical Center

Lipton, a neuroradiologist and neuroscientist, is associate director of the Gruss Magnetic Resonance Research Center and director of radiology research at Albert Einstein College of Medicine as well as medical director of MRI services at its university hospital, Montefiore Medical Center, both in New York. He divides his professional time between the clinical practice of neuroradiology, teaching, and research. Lipton's research broadly addresses the use of advanced noninvasive imaging technology to reveal heretofore-inaccessible substrates of brain dysfunction, particularly in the realms of behavior and cognition. More specifically, his research program has focused for nearly a decade on detecting and characterizing the effects of mild brain injury (i.e., concussion). Specific areas of emphasis at present include the understanding of inter-individual differences in the manifestations of brain injury and the cumulative effects of repetitive subconcussive injury in sports. Lipton's work on the impact of subcon-

cussive "heading" on brain structure and function in amateur soccer players, funded by the Dana Foundation and the National Institutes of Health, has been reported extensively in the press worldwide.

**Karol V. Mason, J.D.**

President, John Jay College

Mason, president of John Jay College, has been over the course of her long career a legal pioneer and an exceptional voice for equality, fairness, and criminal justice reform. She was a leader in the Obama administration on juvenile justice issues, bail reform, and re-entry for individuals leaving prison. In her distinguished career at Alston & Bird LLP, she was the first African-American woman elected as chair of the management committee at any major national firm. As United States assistant attorney general and head of the Department of Justice's Office of Justice Programs, Mason oversaw an annual budget of \$4 billion to support an array of state and local criminal justice agencies, juvenile justice programs, and services for crime victims, and she oversaw the National Institute of Justice and the Bureau of Justice Statistics, among a wide range of other efforts. She led the Department of Justice's work to address the issue of community trust in the justice system through a variety of programs, including the National Initiative for Building Community Trust and Justice, a partnership with John Jay College and other academic institutions across the country designed to address lack of trust in the criminal justice system.

Previously, Mason served as deputy associate attorney general from 2009 to 2012. She led the Office of Justice Programs from June 2013 to January 2017 after being nominated by President Obama and confirmed by the U.S. Senate. Mason spent almost three decades at Alston & Bird, LLP, where she chaired the public finance group. She was also a member of the board of trustees of the University of North Carolina from 2001 to 2009 and vice chair of that board from 2007 to 2009. Mason received an A.B. in mathematics from the University of North Carolina, and a J.D. from the University of Michigan Law School.

**Kimani Paul-Emile, J.D., Ph.D. (moderator)**

Associate Professor of Law; Associate Director, Center on Race, Law & Justice; and Faculty Co-Director, Stein Center for Law & Ethics, Fordham University School of Law

Paul-Emile is an associate professor of law, associate director and head of domestic programs and initiatives at Fordham Law School's Center on Race, Law & Justice and faculty co-director of the School's Stein Center for Law & Ethics. Paul-Emile specializes in the areas of law and biomedical ethics, antidiscrimination law, and health law. Her scholarship has been published widely in such journals as the *Virginia Law Review*, *Georgetown Law Journal*, *UCLA Law Review*, *George Washington Law Review*, and the *New England Journal of Medicine*. Paul-Emile's scholarship has appeared in or been covered by over 30 national and international news organizations and other outlets, including *The New York Times*, *National Public Radio*, *CBS News*, *MSNBC*, *CNN*, *Al Jazeera America*, and *The Guardian*.

In 2017, Paul-Emile was awarded a Making a Difference in Real World Bioethics Dilemmas Grant by the Greenwall Foundation. In 2013, the foundation selected her to receive a Faculty Scholar Award in Bioethics: an award intended to enable outstanding junior faculty members to conduct original research to help resolve important policy and clinical dilemmas at the intersection of ethics and the life sciences. In 2012, she was awarded a public health law research grant from the Robert Wood Johnson Foundation, the nation's leading philanthropy on health and health care.

Prior to pursuing her doctoral degree, Paul-Emile served as associate counsel at the Brennan Center for Justice at New York University School of Law, and practiced civil rights law at the Center for Constitutional Rights, where she was a National Association for Public Interest Law (now Equal Justice Works) Fellow and later the William Moses Kunstler Fellow for Racial Justice. She also served as senior faculty development consultant at the New York University Center for Teaching Excellence. Paul-Emile holds an A.B. in political science and in American civilization, with honors, from Brown University; a J.D. from Georgetown University Law Center; and a Ph.D. in American studies from New York University.

#### **Leah G. Pope, Ph.D.**

**Director, Substance Use and Mental Health Program, Vera Institute of Justice**

Pope is the director of the substance use and mental health program at the Vera Institute of Justice and an anthropologist with extensive experience conducting research in the fields of public mental health and criminal and juvenile justice. Among her current projects at Vera, Pope is co-directing a national training and technical assistance initiative to improve police-based responses to individuals with mental illnesses and intellectual/developmental disabilities. She is also leading several federally-funded research projects, including one on correctional officer well-being and one on developing a sentinel events approach to jail suicide and self-harm. Prior to joining Vera, Pope was a research scientist at the Nathan Kline Institute for Psychiatric Research, where she worked on a process and outcome evaluation of Parachute NYC, a citywide approach to providing a "soft landing" for people experiencing a psychiatric crisis. Her broad research interests include the landscape of recovery and support for people with serious mental illness and alternative treatment options for young people with mental health issues and criminal justice involvement. Pope received an A.B. from Harvard College and a Ph.D. from Teachers College, Columbia University. She has been an adjunct professor at Teachers College and a member of the faculty of the Bard Prison Initiative.

#### **Avraham Schweiger, Ph.D.**

**Neuropsychologist and Professor Emeritus, Department of Psychology, Academic College of Tel Aviv, Israel**

Schweiger was born and raised in Israel and completed his obligatory military service as a first lieutenant, teaching in the officer's academy. He completed his doctoral degree and post-doctoral fellowship training in psychology and neuropsychology at UCLA. He was first licensed and boarded in psychology in California in 1988 and later licensed in New York State in 1994. Schweiger established and headed the graduate neuropsychology/neurorehabilitation program of the academic college of Tel Aviv until his retirement in 2015. Schweiger has been an active academic researcher with over 60 publications in neuropsychology in peer reviewed journals and textbooks. Currently, Schweiger is the head of neuropsychological services at the NYC Medical & Neurological Offices, specializing in the evaluation and treatment of brain injuries, and he also provides related services, such as psychotherapy, cognitive behavioral therapy, and family intervention. Schweiger developed a computerized neuropsychological assessment battery (with Dr. Eli Simon), now used commercially in clinics and hospital all over the United States and Israel.

#### **Tom Tyler, Ph.D.**

**Macklin Fleming Professor of Law, Professor of Psychology, and Founding Director of The Justice Collaboratory, Yale University**

Tyler is the Macklin Fleming Professor of Law and professor of psychology at Yale Law School, as well as a founding director of The Justice Collaboratory. He is also a professor (by courtesy) at the Yale School of Management. He joined the Yale Law faculty in January 2012 as a professor of law and psychology. He was previously a university professor at New York University, where he taught in both the psychology department and the law school. Prior to joining NYU in 1997, he taught at the University of California, Berkeley, and at Northwestern University.

Tyler's research explores the role of justice in shaping people's relationships with groups, organizations, communities, and societies. In particular, he examines the role of judgments about the justice or injustice of group procedures in shaping legitimacy, compliance, and cooperation. He is the author of several books, including *Why People Cooperate* (2011); *Legitimacy and Criminal Justice* (2007); *Why People Obey the Law* (2006); *Trust in the Law* (2002); and *Cooperation in Groups* (2000). He was awarded the Harry Kalven Prize for "paradigm shifting scholarship in the study of law and society" by the Law and Society Association in 2000, and in 2012, was honored by the International Society for Justice Research with its Lifetime Achievement Award for innovative research on social justice.

He holds a B.A. in psychology from Columbia and an M.A. and Ph.D. in social psychology from the University of California at Los Angeles.

#### **Cyrus R. Vance Jr., J.D.**

**District Attorney, New York County**

Vance was first sworn in as the district attorney of New York County on January 1, 2010. Since then, Vance has enhanced the district attorney's office as a national leader in criminal justice by expanding its expertise on an array of 21st century crimes. Vance's achievements as district attorney include the creation of the first conviction integrity program and crime strategies unit in the five boroughs; 24 indictments against gun traffickers, leading to the removal of more than 3,000 illegal firearms from city streets; dismantling 18 violent street gangs in Manhattan; the first convictions of individuals on state terror charges in New York; the dismantling of multiple domestic and international cybercrime and identity theft operations; and the recovery of nearly \$12 billion dollars over the course of settlements with nine banks that violated U.S. sanctions. Vance was reelected in 2013, and is the co-founder and co-chair of Prosecutors Against Gun Violence, an independent, non-partisan coalition of prosecutors from major jurisdictions across the country. Vance has also taken a national leadership role in addressing the issue of race in the criminal justice system, including commissioning a study by the non-partisan Vera Institute of Justice to evaluate the office's practices in charging, plea-bargaining, and bail. Using funds obtained through penalties leveled against financial institutions that violated U.S. sanctions, Vance has made a series of significant investments in transformative criminal justice initiatives in New York City and nationally. These programs include the testing of backlogged rape kits nationwide; equipping every NYPD officer and patrol car with handheld mobile devices and tablets; reducing the number of individuals with mental and behavioral health issues in the criminal justice system; and enhancing security in New York City Public Housing Authority developments. Vance is a graduate of Yale University and Georgetown University Law Center.

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