The Neuroscience and Law Center presents

CUTTING-EDGE DEVELOPMENTS IN NEUROSCIENCE AND LAW

February 25, 2020
8:30 a.m. – 5:30 p.m.
Fordham Law School
Skadden Conference Center

Sponsors:
The Brain and Behavior Research Foundation,
The Flomenhaft Law Firm, PLLC
8:30 – 9 a.m.
Registration and breakfast

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, Founding Director, Neuroscience and Law Center, Fordham University School of Law

9:15 – 10:55 a.m.
Ethics and the Brain: How Environment Affects Behavior and Brain Development
Martha J. Farah, Ph.D.
Walter H. Annenberg Professor in Natural Sciences
Director, Center for Neuroscience & Society
University of Pennsylvania
Paul W. Glimcher, Ph.D.
Professor, Department of Neuroscience and Physiology
Professor, Department of Psychiatry
NYU School of Medicine
Yasmin L. Hurd, Ph.D.
Ward-Coleman Chair of Translational Neuroscience
Director, Addiction Institute of Mount Sinai
Professor, Departments of Psychiatry, Neuroscience and Pharmacological Sciences
Icahn School of Medicine at Mount Sinai
Adrian Raine, D.Phil.
Richard Perry University Professor
Departments of Criminology, Psychiatry, and Psychology
University of Pennsylvania
Moderator: Katja C. Langenbucher
Professor, Private Law, Corporate and Financial Law
Goethe University & SciencesPo

10:55 – 11:10 a.m.
Break

11:10 a.m. – 12:50 p.m.
The Future of Neuroscience and its Moral and Ethical Implications
Peter A. Alces, J.D.
Rita Anne Rollins Professor of Law
William & Mary Law School
Damian M. Lyons, Ph.D.
Professor, Department of Computer and Information Sciences
Founder and Director, Robotics and Computer Vision Laboratory
Fordham University
Guy M. McKhann, M.D.
Director of Movement Disorder and Epilepsy Surgery
Director of Brain Mapping for Tumors and Epilepsy
Co-Director, Center for Neuronmodulation
Columbia University Irving Medical Center
New York Presbyterian Hospital
Elizabeth A. Phelps, Ph.D.
Pershing Square Professor of Human Neuroscience
Department of Psychology
Harvard University
Moderator: Evangeline Shih, J.D.
Partner
Quinn Emanuel Urquhart & Sullivan, LLP

12:50 – 1:50 p.m.
Lunch

1:50 – 3:30 p.m.
The Ethics of Trauma, Aging, and Brain Irregularities
Adam M. Brickman, Ph.D.
Professor of Neuropsychology
Taub Institute for Research on Alzheimer’s Disease and the Aging Brain
Department of Neurology
Vagelos College of Physicians and Surgeons
Columbia University
Natalie Hiromi Brito, Ph.D.
Assistant Professor
Department of Applied Psychology
New York University
Helen S. Mayberg, M.D.
Director, Center for Advanced Circuit Therapeutics
Professor, Neurology, Neurosurgery, Psychiatry and Neuroscience
Mount Sinai Professor of Neurotherapeutics
Icahn School of Medicine at Mount Sinai
Donald W. Pfaff, Ph.D.
Professor and Head of Laboratory
Neurobiology and Behavior
The Rockefeller University
Moderator: Kenneth H. Sonnenfeld, Ph.D., J.D.
Partner
King & Spalding, LLP

3:45 – 5:25 p.m.
The Law and Ethics of Neuroscientific Development
Paul S. Appelbaum, M.D.
Dollard Professor of Psychiatry, Medicine, & Law
Columbia University
Director, Division of Law, Ethics, and Psychiatry
Director, Center for Research on Ethical, Legal & Social Implications of Psychiatric, Neurologic & Behavioral Genetics
Columbia University College of Physicians & Surgeons
Victoria Phillips, Ph.D.
Clinical Psychologist and Clinical Assistant Professor
New York University—Langone Medical Center
Jed S. Rakoff, J.D.
Judge
United States District Court for the Southern District of New York
Ingrid Walker-Descartes, M.D., M.P.H., M.B.A., F.A.A.P.
Assistant Professor-SUNY Downstate School of Medicine
Vice Chair of Education-Department of Pediatrics
Program Director - Pediatrics Residency Training Program
Fellowship Director – Child Abuse Fellowship Training Program
Clinical Director of Child Maltreatment Services
Maimonides Children's Hospital of Brooklyn
Moderator: Courtney Cox, D.Phil., J.D.
Associate Professor
Fordham University School of Law

5:25 – 5:30 p.m.
Closing Remarks

This symposium is dedicated to the memory of Bruce Sherman McEwen, Ph.D., Alfred E. Mirsky Professor, The Rockefeller University
Peter A. Alces, J.D.
Rita Anne Rollins Professor of Law
William & Mary Law School

Peter A. Alces joined the William & Mary Law School faculty in 1991, where he is the Rita Anne Rollins Professor of Law. He has been named the Cabell Research Professor of Law from 1997-1998, 2012-13, and 2017-2018; Professor Alces won the Plumeri Award for Faculty Excellence at William & Mary in 2012. He practiced law in Chicago with Sidney & Austin and taught at the University of Texas Graduate School of Business and the University of Alabama School of Law. He has been a visiting professor at the University of Illinois, Washington and Lee University, Washington University, and University of Texas law schools.


Professor Alces was Editor-in-Chief of the Journal of Bankruptcy Law and Practice from 1991 to 2000. He is a Life Member of the American Law Institute and was an Advisor to the Restatement (Third) of the Law of Suretyship and Guaranty.

Paul S. Appelbaum, M.D.
Dollard Professor of Psychiatry, Medicine, & Law
Columbia University
Director, Division of Law, Ethics, and Psychiatry
Director, Center for Research on Ethical, Legal & Social Implications of Psychiatric, Neurologic & Behavioral Genetics
Department of Psychiatry
Columbia University College of Physicians & Surgeons

Paul S. Appelbaum, M.D., is the Elizabeth K. Dollard Professor of Psychiatry, Medicine, and Law, and Director, Center for Law, Ethics, and Psychiatry, Department of Psychiatry, College of Physicians and Surgeons, Columbia University. He directs Columbia’s Center for Research on Ethical, Legal, and Social Implications of Psychiatric, Neurologic, and Behavioral Genetics. The author of many articles and books on law and ethics in clinical practice and research, Dr. Appelbaum is a Past President of the American Psychiatric Association and the American Academy of Psychiatry and the Law, and now chairs the APA’s DSM Steering Committee and is co-chair of the Standing Committee on Ethics of the World Psychiatric Association. He has been elected to the National Academy of Medicine. Dr. Appelbaum is a graduate of Columbia College, received his M.D. from Harvard Medical School, and completed his psychiatry residency at the Massachusetts Mental Health Center/Harvard Medical School.

Adam M. Brickman, Ph.D.
Professor of Neuropsychology
Taub Institute for Research on Alzheimer’s Disease and the Aging Brain
Department of Neurology
Vagelos College of Physicians and Surgeons
Columbia University

Adam Brickman, Ph.D., is a tenured Professor of Neuropsychology in the Taub Institute for Research on Alzheimer’s Disease and the Aging Brain and Department of Neurology of Columbia University College of Physicians and Surgeons. He completed his bachelor’s degree in neuroscience/biopsychology and psychology at Oberlin College in 1996 and his doctoral work in neuropsychology at the City University of New York in 2004. His internship and fellowship in neuropsychology were done at Brown Medical School and Columbia University. Adam’s research integrates neuropsychology, neuroimaging, basic science, and epidemiology to understand the determinants and cognitive consequences of aging. He is particularly interested in white matter abnormalities and the intersection between cerebrovascular disease and Alzheimer’s disease.

Dr. Brickman’s work has been supported continuously by the National Institutes of Health since he completed his PhD and he has received additional grant support from the Alzheimer’s Association, American Psychological Association, Columbia University, and various foundations. He has authored over 230 peer-reviewed research articles. He serves as a reviewer for the NIH/NIA-Neuroscience Study Section and is a member of the editorial board of *The International Neuropsychological Society (JINS), Neuropsychology, Journal of Alzheimer’s Disease, Neuropsychology Review, and Alzheimer’s & Dementia: Assessment & Disease Monitoring*. He is an associate editor of *Neurodegenerative Diseases*. He is a standing member of the National Institute on Aging – Neuroscience study section. Dr. Brickman’s work has been recognized by many national and international awards, such as the early career research award and the Arthur Benton Award for Mid-Career Research from the International Neuropsychological Society, the Margaret M. Cahn Research Award from the Alzheimer’s Association, the Early Career Award from the Neuropsychology Division of the American Psychological Association, and the Florence and Herbert Irving Clinical Research Award from Columbia University College of Physicians and Surgeons. Dr. Brickman is a Fellow of the American Psychological Association.

Natalie Hiromi Brito, Ph.D.
Assistant Professor
Department of Applied Psychology
New York University

Natalie Hiromi Brito, Ph.D., is an Assistant Professor in the Department of Applied Psychology at NYU. Dr. Brito earned her Doctoral degree in Psychology with a concentration in Human Development and Public Policy from Georgetown University in 2013. Prior to joining the NYU faculty, Dr. Brito spent two years as a Robert Wood Johnson Health and Society Scholar and two years as a postdoctoral research fellow within the Division of Developmental Neuroscience at Columbia University Medical Center. As a developmental psychologist, Dr. Brito’s focus is on understanding how early social and cultural contexts shape the trajectory of neurocognitive development. Specifically, her research examines links between the early home environment and the development of memory, language, and socioemotional skills during the first three years of life. Currently, she is investigating the independent and interacting effects of socioeconomic status and multilingualism on the developing brain for children across a wide range of economic and multicultural backgrounds.
Science’s lifetime achievement award.

and recipient of honors including the National Academy of Science’s Award for Humanities and Social Sciences, a former Guggenheim Fellow, the American Academy of Arts and Sciences and the British Academy.

Professor, Department of Neuroscience and Physiology
NYU School of Medicine

is the Ward-Coleman Chair in Translational Neuroscience as well as Professor of Psychiatry, Neuroscience and Pharmacological Sciences at the Icahn School of Medicine in New York. She is also Director of the Addiction Institute in the Mount Sinai Behavioral Health System which covers one of the largest addiction populations in the United States providing clinical care supported by science-based medicine and advanced state-of-the-art research. She is an internationally renowned neuroscientist whose translational research examines the neurobiology of drug abuse and related psychiatric disorders. She is highly published in the field with significant research funding and leads a diverse team of investigators spanning molecular biology, behavioral neuropharmacology, imaging and genetics to study the human brain and complementary translational animal models. Her pioneering research has provided significant insights into the neurobiology of opioid abuse and the neurodevelopmental (and cross-generational) effects of cannabis that has been at the forefront of the field. Using multidisciplinary research approaches, her work has highlighted the complex neurobiological mechanisms underlying addiction vulnerability including the important

Martha J. Farah grew up in New York, was educated at MIT and Harvard, and has taught at Carnegie Mellon University and the University of Pennsylvania, where she is now the Walter H. Annenberg Professor of Natural Sciences. She also directs Penn’s Center for Neuroscience & Society. Her research has ranged widely, from vision at the back of the brain to executive function at the front. Her current research focuses on the effects of socioeconomic deprivation on brain development, structure and function. Her interests also include the many new roles that neuroscience has come to fill in society. These include novel uses of brain imaging in legal, diagnostic and educational contexts, the extension of neuropsychiatric treatment and noninvasive brain stimulation to the enhancement of healthy brains, and the many ways in which neuroscience is changing how we think of ourselves as physical, mental and moral beings. She is a fellow of the American Academy of Arts and Sciences and the British Academy for Humanities and Social Sciences, a former Guggenheim Fellow and recipient of honors including the National Academy of Science’s Troland Research Award and the Association for Psychological Science’s lifetime achievement award.

Deborah W. Denno
Arthur A. McGivney Professor of Law
Founding Director, Neuroscience and Law Center

Deborah W. Denno is the Arthur A. McGivney Professor of Law and Founding Director of the Neuroscience and Law Center at Fordham Law School. Seven of Professor Denno’s articles have been cited by the United States Supreme Court, some multiple times and/or in different cases and one article has been cited in three different cases—primarily in conjunction with her scholarship on execution methods. In 2016, the Fordham Student Bar Association named Professor Denno Teacher of the Year. Her forthcoming book, Changing Law’s Mind: How Neuroscience Can Help Us Punish Criminals More Fairly and Effectively (Oxford University Press), focuses on her study of how criminal cases use neuroscientific evidence. This same study is discussed in some of her most recent articles: Concocting Criminal Intent, 105 GEORGETOWN LAW JOURNAL 323 (2017), Neuroeconomics and the Personalization of Criminal Law, 85 UNIVERSITY OF CHICAGO LAW REVIEW 359 (2019), and How Courts in Criminal Cases Respond to Childhood Trauma, 103 MARQUETTE LAW REVIEW 301 (2019).

Martha J. Farah, Ph.D.
Walter H. Annenberg Professor in Natural Sciences
Director, Center for Neuroscience & Society
University of Pennsylvania

Martha J. Farah

Paul W. Glimcher, Ph.D.
Professor, Department of Neuroscience and Physiology
Professor, Department of Psychiatry
NYU School of Medicine


Yasmin L. Hurd, Ph.D.
Ward-Coleman Chair of Translational Neuroscience
Director, Addiction Institute at Mount Sinai
Professor, Departments of Psychiatry,
Neuroscience and Pharmacological Sciences
Icahn School of Medicine at Mount Sinai

Dr. Yasmin Hurd is the Ward-Coleman Chair in Translational Neuroscience as well as Professor of Psychiatry, Neuroscience and Pharmacological Sciences at the Icahn School of Medicine in New York. She is also Director of the Addiction Institute in the Mount Sinai Behavioral Health System which covers one of the largest addiction populations in the United States providing clinical care supported by science-based medicine and advanced state-of-the-art research. She is an internationally renowned neuroscientist whose translational research examines the neurobiology of drug abuse and related psychiatric disorders. She is highly published in the field with significant research funding and leads a diverse team of investigators spanning molecular biology, behavioral neuropharmacology, imaging and genetics to study the human brain and complementary translational animal models. Her pioneering research has provided significant insights into the neurobiology of opioid abuse and the neurodevelopmental (and cross-generational) effects of cannabis that has been at the forefront of the field. Using multidisciplinary research approaches, her work has highlighted the complex neurobiological mechanisms underlying addiction vulnerability including the important

Courtney Cox, D.Phil, J.D.
Associate Professor
Fordham University School of Law

Courtney Cox is an Associate Professor at Fordham University School of Law. She writes at the intersection of law, technology, and philosophy, with an emphasis on time and risk. Professor Cox joined Fordham from practice at Ropes & Gray, LLP, where she was an intellectual property litigator. She previously clerked for then-Chief Judge Sandra L. Lynch of the United States Court of Appeals for the First Circuit, and was a Yale Fox Fellow at Fudan University in Shanghai. Professor Cox earned her J.D., with highest honors, from the University of Chicago Law School; her doctorate, in philosophy, from the University of Oxford; and her BA, magna cum laude with distinction, from Yale University.
contribution of epigenetic disturbances to the long-term impact of drugs on the brain and behavior. Dr. Hurd’s basic science research is complemented by clinical studies evaluating the therapeutic potential of novel science-based strategies including phytocannabinoids (such as cannabidiol) and epigenetic modifiers for the treatment of addiction disorders with a focus on opioid abuse. Based on these high impact accomplishments and her advocacy of drug addiction education and health, Dr. Hurd was inducted into the National Academy of Medicine complementing other honors she has received in the field.

Katja C. Langenbucher  
Professor, Private Law, Corporate and Financial Law  
Goethe University & SciencesPo

Katja Langenbucher is a law professor at Goethe-University’s House of Finance in Frankfurt and affiliated professor at SciencesPo. She has held visiting positions at the Sorbonne; WU Vienna; LSE; Columbia and Fordham where she has been awarded the Edward Mulligan Distinguished Professorship for International Law. Professor Langenbucher has published extensively on corporate, banking and European securities law. Her latest book “Economic transplants – on lawmaking for corporations and capital markets” (CUP 2017) offers an interdisciplinary critique of traditional law & economics theory. Professor Langenbucher’s current research projects focus on AI&FinTech and on interdisciplinary approaches to corporate governance.

Damian M. Lyons, Ph.D.  
Professor, Department of Computer and Information Sciences  
Founder and Director, Robotics and Computer Vision Laboratory  
Fordham University

Dr. Damian M. Lyons is a Professor of Computer Science at Fordham University and the Director of Fordham’s Robotics and Computer Vision Laboratory. He has degrees in Math, Engineering and Computer Science from the University of Dublin, Ireland, and his doctorate in Computer Science is from the University of Massachusetts. Dr. Lyons’ research interests are in Robotics and Artificial Intelligence, including formal approaches to plan and program representation and analysis, hybrid deliberative-reactive systems, wayfinding, navigation and target tracking. Along with colleagues at Georgia Institute of Technology, he has developed a unique approach to the formal verification of the behavior of autonomous robots - predicting how such systems can behave in real-world conditions. He has taught courses in Artificial Intelligence, Robotics, and biological/robot models of behavior. His background includes over 15 years as a researcher and research program manager at Philips Electronics corporate research laboratories. He joined Fordham in 2002, and has served terms as Department chair, MS Program Director and Chief Research Office and Associate VP. He has sat on numerous program committees, has published over 100 technical papers in conferences, journals and books, is inventor on 13 US patents, and is a senior member of the IEEE.

Helen S. Mayberg, M.D.  
Director, Center for Advanced Circuit Therapeutics  
Professor, Neurology, Neurosurgery, Psychiatry and Neuroscience  
Mount Sinai Professor of Neurotherapeutics  
Icahn School of Medicine at Mount Sinai

Helen Mayberg, M.D. is Professor of Neurology, Neurosurgery, Psychiatry and Neuroscience and Founding Director of the Nash Family Center for Advanced Circuit Therapeutics at the Icahn School of Medicine at Mount Sinai. Known for studies of brain circuits in depression and for her pioneering deep brain stimulation research, she now leads a patient-focused research team of neurologists, psychiatrists, neurosurgeons, neuroscientists and engineers with the shared mission to advance precision surgical treatments for complex neuropsychiatric disorders. Dr. Mayberg trained in Neurology at Columbia’s Neurological Institute in New York, followed by a research fellowship in nuclear medicine at Johns Hopkins. She is a member of the National Academy of Medicine, The American Academy of Arts and Sciences and the National Academy of Inventors, among other honors, and participates in a wide variety of scientific and advisory activities across multiple fields in neuroscience.

Guy M. McKhann, M.D.  
Director of Movement Disorder and Epilepsy Surgery  
Director of Brain Mapping for Tumors and Epilepsy  
Co-Director, Center for Neuromodulation  
Columbia University Irving Medical Center  
New York Presbyterian Hospital

Dr. Guy M. McKhann directs the Epilepsy Surgery, Deep Brain Stimulation, Intraoperative Brain Mapping, and Adult Hydrocephalus programs at Columbia University Irving Medical Center/New York-Presbyterian Hospital. His areas of particular technical expertise include awake brain mapping; minimally invasive, computer guided microneurosurgery; stereotactic laser ablation for tumors and epilepsy; deep brain stimulation; neuroendoscopy; gamma knife radiosurgery; and cerebrospinal fluid shunting. Dr. McKhann also works as a translational neuroscientist, directing the Epilepsy Neurophysiology Laboratory and co-directing the multidisciplinary Center for Neuromodulation at CUMC. His basic and clinical research has been funded by the National Institutes of Health, the American Association of Neurological Surgeons, the Klingenstein Foundation, the Charles A. Dana Foundation, the New York Academy of Medicine, Parents Against Childhood Epilepsy, the Irving Center for Clinical Research, and the Tuberous Sclerosis Alliance.

Donald W. Pfaff, Ph.D.  
Professor and Head of Laboratory  
Neurobiology and Behavior  
The Rockefeller University

Donald W. Pfaff, Ph.D., professor and head of the Laboratory of Neurobiology and Behavior at The Rockefeller University, is a brain scientist who uses molecular, neuroanatomical, and neurophysiological methods to study the cellular mechanisms by which the vertebrate brain controls behavior. His laboratory’s research has focused on steroid hormone effects on nerve cells as they direct natural, instinctive behaviors, as well as the influences of hormones and genes on generalized brain arousal. The Pfaff Lab, which investigates the cellular control mechanisms for behavior, has two areas of focus: steroid hormones’ influence on the brain and generalized arousal of the central nervous system. Over several years, they solved the question...
of how hormone action in the brain regulates a specific social behavior. Current work in Pfaff’s lab focuses on the question: How do animals or humans initiate any behavior at all? Pfaff’s work began to answer the question by framing the concept of generalized arousal (GA). Pfaff offered the first operational definition of GA, which activates all behavioral responses, enabling scientists to measure arousal quantitatively. In humans, deficits in GA contribute to a wide variety of cognitive and emotional problems, from depression to dementia. Dr. Pfaff has been the recipient of numerous awards, including the NIH MERIT Award, the Award for Excellence in Professional and Scholarly Publishing (from the Association of American Publishers), the Fondation IPSEN Prize in Neuronal Plasticity, and the Daniel S. Lehrman Lifetime Achievement Award. He is also a Fellow of the American Academy of Arts and Sciences and a Member of the US National Academy of Sciences.

Elizabeth A. Phelps, Ph.D.
Pershing Square Professor of Human Neuroscience
Department of Psychology
Harvard University

Elizabeth A. Phelps is the Pershing Square Professor of Human Neuroscience. She received her PhD from Princeton University and served on the faculty of Yale University and New York University. Her laboratory has earned widespread acclaim for its groundbreaking research on how the human brain processes emotion, particularly as it relates to learning, memory and decision making. Dr. Phelps is the recipient of the 21st Century Scientist Award from the James S. McDonnell Foundation, the Distinguished Scholar Award from the Social and Affective Neuroscience Society and the William James Award from the Association for Psychological Science. She is a fellow of the American Association for the Advancement of Science, the Society for Experimental Psychology and the American Academy of Arts and Sciences. She has served on the Board of Directors of the Association for Psychological Science, the Society for Neuroeconomics and was a founding board member of the Society for Neuroethics. She has previously served as the President of the Society for Neuroeconomics, the Association for Psychological Science and the Social and Affective Neuroscience Society.

Adrian Raine, D.Phil.
Richard Perry University Professor
Departments of Criminology, Psychiatry, and Psychology
University of Pennsylvania

Adrian Raine is the Richard Perry University Professor of Criminology, Psychiatry, and Psychology at the University of Pennsylvania. He gained his undergraduate degree in Experimental Psychology at the University of Oxford, and his PhD in Psychology from the University of York, UK. His interdisciplinary research focuses on the etiology and prevention of antisocial, violent, and psychopathic behavior in children and adults. He has published over 442 journal articles and book chapters alongside 7 books, and has given 391 invited presentations in 29 countries. His most recent book, *The Anatomy of Violence*, reviews the brain basis to violence and draws future implications for the punishment, prediction, and prevention of offending, as well as the neuroethical concerns surrounding this work. He is past-President of the Academy of Experimental Criminology. Awards include an honorary degree from the University of York (UK) in 2015 and the Lifetime Achievement Award in Psychopathy from the Society for the Scientific Study of Psychopathy in 2017.

Victoria Phillips, Ph.D.
Clinical Psychologist and Clinical Assistant Professor
New York University—Langone Medical Center

Victoria Phillips, Ph.D. is a Clinical Assistant Professor in Child and Adolescent Psychiatry at NYU Medical School and a Psychologist with Bellevue Hospital’s Juvenile Justice Mental Health Team (BJJ Team). After receiving a B.A. in History from Yale University, Dr. Phillips attended Columbia University and obtained a M.A. in Psychology in Education. Dr. Phillips obtained her M.Ed. in School Psychology and Doctorate of Clinical Psychology from the Curry School of Education at the University of Virginia. Dr. Phillips completed a postdoctoral fellowship in Forensic Psychology at Hackensack University Medical Center (HUMC), receiving certificates as an expert witness in both Civil and Criminal Courts. Throughout her training, Dr. Phillips’ research centered on the effects of parental incarceration on children’s educational and socioemotional development and her clinical placements included Blue Ridge Juvenile Detention Center, Fluavanna Maximum Security Women’s Prison, and inpatient child and adolescent psychiatric departments. Dr. Phillips remained at HUMC following her postdoctoral fellowship, working as a psychologist at the Audrey Hepburn Children’s where she conducted forensic psychosocial evaluations of children and parenting evaluations for families involved with New Jersey child welfare agencies as well as risk assessments of juvenile offenders. In her role on the BJJ Team, Dr. Phillips is located at Horizon Juvenile Detention Center in Bronx, NY, one of two secure detention facilities in New York City for juvenile offenders. In addition to providing clinical services to the youth, the BJJ Team is currently implementing a second round of NIH funded research on the use of trauma-informed interventions. In this iteration of the grant, Dr. Phillips and the BJJ Team are providing group therapy from the Trauma-Affect Regulation Guide and Therapy (TARGET) manual to youth, pre-service and ongoing consultation trauma training to frontline staff, and trauma-informed psychoeducation to family members of juvenile offenders. Dr. Phillips’ clinical, research, and teaching interests include the impact of trauma on childhood development, the use of evidence-based and trauma-informed practices in correctional settings, and the long-term effects of incarceration on individuals and family systems.
He was a founding member of the MacArthur Foundation Project on Law and Neuroscience. His wife Ann served for eleven years as the executive director of the Fordham Law School Corporate Law Center and is now general manager of a modern dance company in New York. Judge Rakoff and his wife have three daughters and two grandsons, and their hobby is ballroom dancing.

Evangeline Shih, J.D.
Partner
Quinn Emanuel Urquhart & Sullivan, LLP

Evangeline Shih’s practice areas are intellectual property litigation, patent litigation, life sciences litigation, and life science: pharmaceutical patent litigation. Her practice is particularly focused on Hatch-Waxman litigation on behalf of innovator pharmaceutical companies and client counseling in the pharmaceutical industry. She handles all aspects of patent litigation, including pre-suit investigation, trial, and appeal. Ms. Shih also has considerable experience counseling clients on FDA and antitrust issues related to Hatch-Waxman litigation, obtaining patent protection, as well as formulating opinions and counseling clients with regard to freedom to operate, patentability, infringement, and validity analyses concerning a wide range of pharmaceutical, biological, and medical device products. In addition, she has experience before the U.S. Patent Trial and Appeal Board in post-grant covered business method and inter partes review proceedings. Ms. Shih was recognized as a “Rising Star” Super Lawyer in New York in 2011, 2012, and 2013 and as a Super Lawyer in New York since 2015. She has also been a member of the Advisory Board for the Fordham Law Neuroscience and Law Center since 2015. Before joining Quinn Emanuel Urquhart & Sullivan, LLP, Ms. Shih was a Partner in the New York office of Jones Day. She received her A.B. in Molecular Biology from Princeton University and her J.D. from Fordham University, where she was Associate Editor of the Fordham International Law Journal.

Kenneth H. Sonnenfeld, Ph.D., J.D.
Partner
King & Spalding, LLP

Kenneth Sonnenfeld specializes in intellectual property, particularly in the field of biotechnology and pharmaceutical law. As a partner in King & Spalding’s Intellectual Property, Patent and Trademark Litigation practice, Dr. Sonnenfeld represents multinational corporations and start-up companies in related IP matters. With over 30 years of IP experience and a doctorate in pharmacology, Dr. Sonnenfeld represents biotechnology and pharmaceutical companies in a full range of patent law matters. He advises clients on inter-party matters such as due diligence, litigation, foreign oppositions and licensing. He also handles complex strategic patent prosecution in the U.S. Patent and Trademark Office, as well as supervising foreign prosecution. Recognized as one of the nation’s leading intellectual property lawyers in the field of biotechnology and pharmaceutical patent law, Dr. Sonnenfeld is a frequent speaker at national patent law conferences. He has been ranked highly by IAM Patent 1000—The World’s Leading Patent Professionals guide for litigation, patent prosecution and licensing, as well as by Chambers USA and Legal 500. Prior to his career in patent law, Dr. Sonnenfeld did neurobiology research as a faculty member of the Neurology Dept. at Mount Sinai School of Medicine. He presently serves on the Board of Directors of the Brain & Behavior Research Foundation. Dr. Sonnenfeld received his B.A. from Kenyon College, cum laude, his M.A., M.Phil. and Ph.D. degrees from Columbia University, and his J.D. from Fordham Law School.

Ingrid Walker-Descartes, M.D., M.P.H., M.B.A., F.A.A.P.
Assistant Professor-SUNY Downstate School of Medicine
Vice Chair of Education-Department of Pediatrics
Program Director - Pediatrics Residency Training Program
Fellowship Director – Child Abuse Fellowship Training Program
Clinical Director of Child Maltreatment Services
Maimonides Children’s Hospital of Brooklyn

Dr. Walker-Descartes attended the University of Rochester School of Medicine & Dentistry where she obtained her Doctorate in Medicine. Upon graduating from medical school, she did a residency in Pediatrics at New York Methodist Hospital in Brooklyn, NY and subsequently pursued further training in a combined General Academic Pediatrics and Child Abuse Fellowship at Mount Sinai Hospital, New York. As a fellow, Dr. Walker-Descartes also obtained her Master’s in Public Health at the Mount Sinai School of Medicine.

After her fellowship, Dr. Walker-Descartes joined the pediatric faculty at Maimonides Children’s Hospital of Brooklyn. She currently serves in two roles – one as a clinician and the other as an administrator. In her clinical role, she practices General Pediatrics and Child Abuse Pediatrics. She does all the consults for pediatric traumas that are seen at the hospital and follows them in her outpatient clinic as needed. As an administrator, she serves in the role of the Program Director of the Pediatrics Residency training program and the Fellowship Director for the Child Abuse Fellowship Program (the first accredited Child Abuse Fellowship in New York State). She is also the Director of Child Maltreatment Services for the Children’s Hospital.

Dr. Walker-Descartes has published several articles in the International Journal of Child Abuse and Neglect as well as book chapters focused on the various forms of child maltreatment. Her involvement in child protection and advocacy also includes her involvement in several local and national professional organizations. She is a Fellow of the American Academy of Pediatrics (AAP), the Co-chair of the Chapter 2 Committee on the Prevention of Family Violence, a member of the AAP Special Interest Group on Child Abuse and Neglect, a member of Prevent Child Abuse New York, a member of the American Professional Society on the Abuse of Children (APSAC & NYPASAC), a member of the New York State Child Abuse Medical Provider Program (CHAMP) and a member of the Ray Helfer Society of Child Maltreatment Pediatricians.
GUEST WI-FI ACCESS

1. Go to Settings>Wi-Fi and select Connect-Fordham-WiFi.

2. Open your web browser and navigate to a frequently refreshed URL, such as CNN.com. You will automatically be directed to the Fordham network welcome page. Select Join as a Guest. (Note: For Apple iOS devices, use only the Safari browser for this process.)

3. Agree to the acceptable use policy. You will be directed to a new website. Click Join Now.

4. Follow the prompts to complete the process, which includes downloading/installing a small configuration file that allows you to connect to our public Wi-Fi network. You may need to enter the password for the device/computer to complete the process.

5. You’ll receive a message confirming that you’ve joined the network. Click Done.

Guest Wi-Fi is available throughout Fordham University’s Lincoln Center campus. While guest access does not expire, on subsequent use with your device/computer, you may be prompted to agree to the acceptable use policy.

For more detailed, device- or computer-specific instructions, visit www.fordham.edu/wireless, pick up a more detailed instruction sheet at the information desk, or call the Fordham Law Helpdesk at 212-636-6786.

CLE CREDIT

8 CLE credits available
(6.5 ethics and 1.5 diversity, inclusion and elimination of bias)

Credit been approved in accordance with the requirements of the New York State CLE Board for a maximum of 8 transitional and nontransitional ethics credits.

CLE course materials are available at: law.fordham.edu/clematerials