Laura Jean Bierut, M.D.

Laura Jean Bierut, M.D. is the inaugural Alumni Endowed Professor in the Department of Psychiatry at Washington University School of Medicine. Dr. Bierut is a physician scientist and internationally recognized expert on the genetics of substance use disorder. She serves on the Advisory Counsel for the NIH National Human Genome Research Institute, she is a member of the FDA Tobacco Products Scientific Advisory Committee, which advises the FDA on the scientific basis of regulating tobacco products, and she is Co-Chair of the Smoking Cessation Panel for the National Comprehensive Cancer Network. Dr. Bierut is an active member of the National Institute on Drug Abuse (NIDA) Genetics Consortium, a national group of scientists who are leading NIDA's efforts to understand genetic contributions to substance use disorder. She completed a 4-year term as a member of the National Advisory Council on Drug Abuse, which serves a crucial role in advising NIDA on identifying, reviewing, and supporting the highest caliber of scientific research. Dr. Bierut led the initial studies which found that the α5 nicotinic receptor subunit genes on chromosome 15 and the α6β3 nicotinic receptor subunit genes on chromosome 8 increase a smoker's risk for nicotine use disorder. In collaboration with other groups, these risk factors have subsequently been identified as the strongest genetic risk factors for lung cancer and chronic obstructive pulmonary disease, demonstrating the important convergence of the underlying biologic risk factors for smoking behaviors and smoking-related diseases. Dr. Bierut is now spearheading efforts to translate these scientific discoveries into clinical care.

Kelly J. Clark, M.D., MBA

Kelly J. Clark, M.D., MBA is a psychiatrist and addiction medicine specialist who has worked broadly within the behavioral health arena. She is President of Addiction Crisis Solutions, assisting stakeholder groups transforming addiction care into evidence-based, cost-effective systems. She is Co-Chair of both the Research, Data and Metrics group as well as the Telehealth and Virtual Care Series of the National Academy of Medicine's Action Collaborative to Counter the US Opioid Crisis.

Dr. Clark has provided expertise about addiction, innovations and needed systems of care to the Presidential Opioid Commission, FDA, SAMHSA, NIDA, DEA, FBI, and other areas of the federal government. Beyond Dr. Clark's clinical and policy work, her unique understanding of the business and economic forces related to new products and services launched into our health system stands upon her experience as Chief Medical Officer for 2 privately held multi-state treatment organizations, a medical director for a community health plan (CDPHP) as well as CVS Caremark, and her work at a pharmaceutical company (Orexo). She is a Past President of American Society of Addiction Medicine (ASAM) and is currently serving on the Advisory Committee of the Center for Public Health of the Milken Institute as well as advising several start-up companies (Bicycle, Path CCM, DisposeRx, Journey Colab).

Keri Donaldson, M.D., MSCE

Dr. Keri Donaldson is an Assistant Professor of Biochemistry and Molecular Biology; Assistant Professor of Public Health Sciences (Joint Appointment) as well as the Directory of the CLIA Laboratory and The Institute of Personalized Medicine and Clinical Processing Specimen Laboratory at the Penn State Hershey College of Medicine, Penn State Health, Hershey, PA. He is the Founder and CEO of SOLVD Health in Carlsbad, CA. Dr. Donaldson is a graduate of Temple University School of Medicine, and the University of Pennsylvania, School of Medicine, Philadelphia, PA. He also holds an MSCE in Pharmacoepidemiology from the Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA. His major research interest is the application of predictability modeling on outcomes relative to patient care. Over the previous 10 years, he has been involved in or lead multiple successful efforts for novel test and intervention design at academic institutions including University of Pennsylvania and Penn State University, as well as private industry at Prescient Medicine and Pacific Edge Diagnostics. During this time, he developed the first of its kind polygenetic combinatorial and environmental predictability model for drug response, advance analytical rare event detection algorithms to predict susceptible populations, and multiple factorial disease detection models to identify disease in patients earlier than previously possible. Portions of this work are now incorporated into standard disease screening practice (BRAF mutational testing and urinary tract infection detection), have driven new in vitro diagnostics (urine and coagulation testing), and are used to identify and guide practice at the payer level. The broadened impact of his research and development of new tests will assist in the precision delivery of care on all health systems Dr. Donaldson continues to serve as a lab inspector for the College of American Pathologists to ensure proper laboratory standards. He is a diplomate of the National Board of Medical Examiners and the American Board of Pathology. He serves on many committees for the College of American Pathologists and has chaired several of them over the years. He is a member of the Association of Clinical Scientists, acting as Secretary for three years and serving currently as President-Elect. He is as member of the American Association for Clinical Chemistry and has presented sessions on laboratory requirements. He is a much sought-after invited speaker and has presented over 40 talks and abstracts, nationally and internationally. He has publications in peer-reviewed journals as well as book chapters. Dr. Donaldson has received many awards including the National Academy of Clinical Biochemistry Distinguished Abstract Award and the Association of Clinical Scientists Travel Grant Award for the Early Career Professionals

Alexander Hatoum, Ph.D.

I leverage a multitude of genetic approaches (e.g., genome-wide association study, in silico characterization, polygenic risk scores, machine learning algorithmic development) to identify genetic predictors of SUDs and characterize putative mechanisms (i.e., molecular, neural systems, behavioral) through which such effects may arise guided by extant theory (e.g., neurobiological stages of addiction). In this context, I am particularly interested in understanding the shared and unique correlates of specific SUDs and ultimately translating biological insight into SUDs to improved clinical outcomes. It is my hope that the knowledge gained from my research may contribute to improvements in nosology, treatment, and policy to minimize the impact of SUDs on individuals and society.

Joey Kotarek, Ph.D.

Joey Kotarek is the Toxicology Branch Chief for the Division of Chemistry and Toxicology Devices (DCTD) in the Office of Product Evaluation and Quality in the Center of Devices and Radiological Health (CDRH). After completing his B.S. in chemical engineering at the University of Arkansas, he went on to study Alzheimer's Disease related protein aggregation as a graduate student at the University of South Carolina. After receiving his Ph.D. in chemical engineering, Joey moved to Maryland to become an NRC fellow at the National Institute of Standards and Technology (NIST), assessing techniques for characterizing protein aggregation. While there he learned how protein aggregation may impact protein therapeutics, and became fascinated by how FDA's mission met at the intersection of science, business, and public health. He continued protein characterization research at CBER before later moving to device review in CDRH. In his present role in CDRH, he oversees premarket and postmarket reviews of drugs of abuse assays, therapeutic drug monitoring devices, genetics tests, and more.

Courtney H. Lias, Ph.D.

Courtney H. Lias, Ph.D. – Dr. Lias studied at the Johns Hopkins University School of Medicine where she received her Ph.D. in Biochemistry, Cellular, and Molecular Biology. Currently, Dr. Lias is the Director of FDA's Office of Gastrorenal, ObGyn, General Hospital and Urology Devices. During her FDA career of nearly two decades, she has led efforts to promote development of new therapeutic and diagnostic devices, including devices for diabetes and drug dosing and monitoring. In 2017, Dr. Lias received the Samuel J. Heyman Service to America Medal in Management Excellence. This honor was awarded for work promoting the efficient development and approval of the first automated insulin dosing system.

Bilal Muhsin

Bilal Muhsin is the Chief Operating Officer for Masimo Corporation. In his role, Bilal Muhsin is responsible in leading the global launch of innovative medical devices from concept to product realization, marketing, production, and sale. Prior to becoming COO in 2019, Mr. Muhsin served as Executive Vice President of Engineering, Marketing, and Regulatory Affairs and several Engineering leadership positions. In his more than 20 years at Masimo Corporation he has played a key role in the development and launch of more than 50 different medical devices and systems, including the creation and refinement of state-of-the-art methods of measuring physiologic parameters, and the development of breakthrough patient monitoring technologies. He is currently named on 76 U.S. patents, 52 U.S. pending patents, and 78 international patents and pending patents. Mr. Muhsin holds a B.S. in Computer Science from San Diego State University.

Jonathan D. Pollock, Ph.D.

Jonathan D. Pollock, Ph.D. is Branch Chief of the Genetics, Epigenetics, and Developmental Neuroscience Branch at the National Institute on Drug Abuse (NIDA). The NIDA The NIDA Genetics Consortium was established under his leadership and led to the discovery of genetic loci for nicotine dependence, cannabis use disorder, and opioid use disorder. He also took a leadership role in the development of the Knockout Mouse Project. His portfolio focuses on the genetic and epigenetics mechanisms of addiction in humans and modeled in non-human organism. Dr. Pollock graduated from Boston University with BA in Psychology, Summa Cum Laude, 1978, obtained a MS in Psychology in 1980 from the University of Pittsburgh, and did his doctoral work in Neurobiology with Nobel Laureate, Eric Kandel, at Columbia University, receiving his Ph.D. in 1985. Dr. Pollock subsequently did post-doctoral work at Caltech and the University of Utah. Dr. Pollock joined NIDA in 1996 as a Health Scientist Administrator/Program Director. Dr. Pollock has been the Chief of the Genetics, Epigenetics, and Developmental Neuroscience Branch at NIDA since 2001.

Travis N. Rieder, Ph.D.

Travis N. Rieder, PhD, is a bioethicist, philosopher and author, currently serving as Director of the Master of Bioethics degree program and Associate Research Professor at the Johns Hopkins Berman Institute of Bioethics. He also has secondary appointments in the Departments of Philosophy and Health Policy & Management, as well as in the Center for Public Health Advocacy.

Travis has published widely in both the academic and popular literature on a variety of issues. In recent years, however, virtually all of his attention has turned to the ethical and policy issues raised by pain, opioids, and America's problem with the two. On this subject, he has written for the medical, health policy, and bioethics literature, as well as popular media outlets such as *The New York Times* and the *Wall Street Journal*; he has advised hospitals and healthcare systems; he has served on multiple workgroups for the CDC and currently is a member of the National Advisory Committee for NIDA; and he speaks around the country to clinicians and various members of the public. His TED talk on opioid withdrawal and physician responsibility has been viewed more than 2.5 million times.

In 2019, Travis published *In Pain: A Bioethicist's Personal Struggle with Opioids*, in which he combines narrative from his own experience as a pain and opioid therapy patient with his expertise in philosophy and bioethics to identify, explain, and attempt to solve some of the most profound questions raised by pain and addiction medicine. *In Pain*received significant positive attention, including reviews in *Science*, the *New York Times*, and the *LA Review of Books*, as well as an interview with Terry Gross on NPR's *Fresh Air*. It was named an NPR Favorite Book of 2019.

Philip Rutherford

Philip Rutherford is the Chief Operating Officer at Faces & Voices of Recovery. He is a recovery coach, a passionate member of the Recovery Community and possesses a self-described Doctorate from the school of Hard Knocks. As COO, he is responsible for multiple lines of business within the Faces & Voices ecosystem. Phil is credited with a significant role in conception, design, launch and facilitation of the Recovery Data Platform (RDP). This cloud-based platform is the first of its kind and has quickly become a valuable asset in longitudinal data collection for Peer-Based Services.

Phil has a BA in Psychology with a specialization in substance use disorders. He is a member of standing committees at the National Institute of Health, the FDA, and other Federal agencies. He serves on several nonprofit boards including Serve Minnesota, the National Association of Addiction Treatment Providers, Twin Cities Recovery Project, and Docs Recovery House. Prior to the nonprofit world, he spent most of his career in corporate sales, marketing, and management at Microsoft, Micron Electronics, and companies within the Taylor Corporation. Phil is an active member of the Recovery community and has considerable experience in the areas of Substance Use Disorders, Recovery, Re-entry, and Race Equity.

Kathy Sapp

Kathy Sapp is CEO of the American Chronic Pain Association, as well as the Co-founder of Patient Mind Inc. Kathy has worked for Marion Labs, Marion Merrell Dow, Hoechst Marion Roussel, Aventis, Pharmion Corporation, and Teva Pharmaceuticals. She was responsible for forming alliances with hundreds of national and international advocacy organizations and third parties to enact mutually beneficial strategies to meet business and patient needs. Kathy managed advisory boards on a global basis while building strong relationships with advocacy organizations and Key Opinion Leaders (KOLs). Her established relationships include rare diseases (Huntington's, aplastic anemia, multiple myeloma), bipolar disorder, diabetes, CV, neurology (pain, migraine, MS, epilepsy, narcolepsy), and oncology. Kathy evaluated and supported thousands of medical and patient education grants and sponsorship requests. Kathy developed collaborative

agreement opportunities and built strategic advocacy plans and budgets. As a health advocate, her sponsorship of innovative and award-winning programs supported millions of people globally… so patients could engage in their healthcare rights.

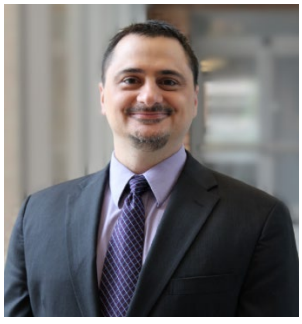
Kathy lives in Overland Park, Kansas and enjoys spending time with her family and cycling. She holds a B.S. in Business Administration from Avila University.

Ken Skodacek

Ken Skodacek has been working with medical devices for over 30 years and serves as the Deputy Ombudsman for FDA's Center for Devices and Radiological Health (CDRH). In this role, Ken provides a confidential, independent, and impartial resource that informally investigates complaints and resolves disputes. He typically prevents and resolves misunderstandings through candid conversations and facilitated meetings with external stakeholders and FDA staff. The CDRH Ombudsman Program also ensures fair and efficient processing of appeals of CDRH decisions. Outside of his responsibilities at FDA, he serves as the Co-Chair of the American Bar Association's Ombuds Committee and is an active member of the Coalition of Federal Ombudsman and the United States Ombudsman Association.

He previously served in the Center's Clinical Trials Program, where he led the development and implementation of policies and programs intended to improve the quality, efficiency, and consistency of the Investigational Device Exemption (IDE) submission and review process. He represented the CDRH Innovation Team as a founding member of the Center's Payor Communications Task Force, which provides opportunities to improve patient access to innovative medical devices important to public health by engaging manufacturers, payors, and healthcare technology assessment organizations. He has led a variety of special projects and has worked in various other roles, including pre-market review and compliance enforcement.

Prior to joining FDA/CDRH in 2008, he worked for ~20 years in the medical device industry, serving in engineering and leadership roles with a focus on managing teams that served as the clinical and technical interface between the company and healthcare providers. He has extensive experience designing and testing devices, conducting animal studies, conducting IDE and international clinical trials, preparing regulatory submissions, negotiating with FDA, and launching products for marketing and sales in U.S. and international markets.



Susan Sumner, Ph.D.

Susan Sumner, PhD, is a Professor of Nutrition and Pharmacology at UNC Chapel Hill. Dr. Sumner is working to make personalized medicine and precision nutrition a reality. Using state-of-the-art metabolomics and exposome technologies, Dr. Sumner's team determines how molecules that are present in our tissues and biological fluids are associated with states of health and wellness. Through this approach, biomarkers are discovered that can lead to new diagnostics for the early detection and diagnosis of disease, to monitor treatment and intervention, and to inform the development of intervention strategies.

Dr. Sumner's research activities in Personalized Medicine and Precision Nutrition span domain areas of maternal and child health, cardiovascular disease, kidney disease, medication and chemical exposures, cancer, and drug addiction. Dr. Sumner is the PI of the NIH Common Fund's Metabolomics and Clinical Assay Center for the Nutrition for Precision Health Study, and is a PI in the NIEHS Human Health Exposure Analysis Resource program. She also directs a NIDDK funded NORC Metabolomics Core. She is the MPI of a NHLBI RO1 on biomarkers of cardiovascular disease, as well as for a NIDDK RO1 to reveal mechanisms of ALDH1L1 polymorphisms. She serves as a co-investigator on several grants (funded by NICHD, NIEHS, and NIDDK) to examine environmental influences (c.f., drugs/medications, diet, chemicals) early in life on health outcomes.

Dr. Sumner earned a B.S. and a Ph.D. in the Department of Chemistry at North Carolina State University. She completed postdoctoral research in the Laboratory of Chemistry at the National Heart, Lung, and Blood Institute.

Kirsten Tullia, J.D., MPH

Kirsten Tullia, J.D., MPH, joined the Advanced Medical Technology Association (AdvaMed) in 2021 as Vice President in the Payment & Health Care Delivery Policy Department. In this position she covers a wide range of policy issues, with a particular focus on the Medicare fee-for-service payment systems, alternative payment models, and quality programs. Prior to joining AdvaMed, Kirsten was the Department Head for Health Policy at the MITRE Corporation, where she led teams supporting the Centers for Medicare and Medicaid Services in addressing healthcare quality and payment issues through strategic planning, research and evaluation, and regulatory development. She holds a B.A. from Southern Virginia University, a J.D. from the American University Washington College of Law, and an M.P.H. from the Johns Hopkins University Bloomberg School of Public Health.

Keegan Wicks

Keegan Wicks currently serves as the national advocacy and outreach manager at Faces & Voices of Recovery, where he leads public policy and advocacy initiatives for all aspects of recovery systems, infrastructure, and populations to policymakers at the state level and on Capitol Hill. He is also the program manager for Recovery Month and International Recovery Day — annual observations that advance mental health and addiction recovery systems by celebrating recovery and promoting evidence-based practices each September.

Since 2013, Wicks has served the recovery field through roles of advocacy, peer support, counseling, and program management. An accomplished presenter, trainer and facilitator, he has served as a guest speaker at the White House, universities, and on various special interest panels, including for showings of the critically acclaimed recovery-centered feature and documentary films, The Anonymous People and Four Good Days.

As a young person with lived-experience in the recovery process and an unconventional academic pathway, he has held both national and state Peer Recovery Support Specialist certifications. In addition, he is trained in Community Reinforcement and Family Training (CRAFT) and the Invitation to Change Approach by the clinical research leadership at CMC: Foundation for Change (2014). Wicks advocates for the rights and welfare of others who have experienced mental health and addiction challenges bringing first-hand experience navigating treatment, the ill-preparedness of communities, healthcare systems, and the unsophisticated continuum of care that create unnecessary barriers to recovery.

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.

Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Hulsey, Jessica

POSITION TITLE: Executive Director

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	Completion Date MM/YYYY	FIELD OF STUDY
Princeton University (Princeton, New Jersey)	B.A.	05/1998	English Literature

PERSONAL STATEMENT:

I am the Founder and Executive Director of the Addiction Policy Forum (APF), a national nonprofit organization working with states and communities across the country to 1) help patients and families in crisis; 2) end addiction stigma; 3) advance prevention; 4) increase the uptake of evidence-based practices; and 5) advance patient-led research. With over 25 years in the field of addiction and prevention, I have experience collaborating with policymakers, national advocacy organizations, and researchers to engage communities and translate the science around addiction. My career in the addiction field began in 1992 when I joined a community coalition in California. Community-based advocacy work led me to Washington, D.C. to work in the policy sector. In 1998, President Bill Clinton appointed me to the Drug-Free Communities Commission where I worked closely with the Office of National Drug Control Policy as Co-Chair. These foundational experiences shaped the trajectory of my career as well as its focus on SUD prevention and community-engaged advocacy.

Over the last two decades, I have testified as an expert witness before congress on issues related to SUD. Together, these experiences expanded my awareness surrounding both the novel solutions researchers were advancing as well as the barriers that were preventing affected patients and families from accessing them. I founded APF with the intention of addressing these barriers by creating mechanisms for improving outcomes for patients and impacted family members by deploying resources and evidence to the communities who need it most. The current proposal is a natural extension of my prior work. In my role as executive director of APF, I serve as co-Investigator on the Justice Community Opioid Innovation Network (JCOIN), funded through the NIH HEAL Initiative, where I lead the Dissemination and Stakeholder Engagement Core efforts through NIDA's JCOIN Coordination and Translation Center (CTC). The CTC provides targeted dissemination of resources and research findings to a wide variety of stakeholder audiences. As Co-I, **I am primarily responsible for 1) promoting the acceptance of research by building and coordinating a national network of partners through JCOIN's Practitioner and Stakeholder Boards, 2) translating the latest science on key topics into useful educational products for distinct audiences, and 3) creating and supporting bi-directional communications and quick feedback loops for and among community stakeholders, NIDA, and leaders in the justice/SUD fields.** Products of APF's

translation work include but are not limited to research summaries, policy briefs, fact sheets, video explainers, blog posts, and infographics. We use tailored communication strategies (e.g., social media marketing campaigns, email listservs) to distribute these products in collaboration with association partners to ensure the products reach the stakeholders for whom they were tailored. My work to advance knowledge and translate discoveries about substance use disorder (SUD) has led to extensive collaborations with policymakers and government officials, researchers, and national organizations.

I conducted a study and report, Patient Journey Map: Substance Use Disorder Treatment and Recovery Experiences, developed through the input of patients in treatment and recovery from substance use disorders that underscores the obstacles and positive points patients encounter across seven distinct phases, from onset to finding long-term, stable recovery. The qualitative study included 60 Life Course History interviews of individuals in recovery from a substance use disorder from 22 states and Canada. This qualitative approach allowed me to build a comprehensive and accessible patient journey map that illustrates how complex interactions over the course of an individual's life contribute to the onset, progression, and treatment of a SUD and the elements of long-term recovery. The research was conducted as part of the NIDA's Mapping Patient Journey in Drug Addiction Challenge. **My 25+ year career in the addiction field has spanned community-led advocacy, policy, research, and translation. This expertise coupled with my organizational partnerships and professional network will ensure successful implementation of the engagement and translation cores proposed in the current R-DEC proposal.**

Joel Gelernter, M.D.

CURRICULUM VITAE

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West Haven Veterans Affairs Medical Center
950 Campbell Avenue
West Haven, Connecticut 06516

Email: joel.gelernter@yale.edu

Home address: 11 Hemlock Hollow Road
Woodbridge, Connecticut 06525

Telephone: (work) (203) 932-5711 ext. 3599
(home) (203) 389-1132

Education: B.S., May 1979, Yale University, New Haven, CT
M.D., May 1983, SUNY Downstate Medical School, New York, NY

Positions held:

1983-1984	Intern, Psychiatry, SUNY Stony Brook Medical Center, Stony Brook, New York
1984-1986	Resident, Psychiatry, Western Psychiatric Institute and Clinic, Pittsburgh, Pennsylvania
1986-1988	Medical Staff Fellow, Clinical Neurogenetics Branch, National Institute of Mental Health, Bethesda, Maryland
1988-1994	Assistant Professor of Psychiatry, Yale University School of Medicine, New Haven, Connecticut
1988-	Staff Psychiatrist, West Haven Veterans Affairs Medical Center
1990-1991	Schizophrenia Clinic chief, West Haven Veterans Affairs Medical Center
1990-	Director, Laboratory of Psychiatric Genetics, West Haven Veterans Affairs Medical Center
1994-2002	Associate Professor of Psychiatry, Yale University School of Medicine
2002-	Professor of Psychiatry, Yale University School of Medicine
2004-	Director, Division of Human Genetics, Department of Psychiatry, Yale University School of Medicine
2006-	Professor of Neurobiology (secondary appointment), Yale University School of Medicine
2006-	Professor of Genetics (secondary appointment), Yale University School of Medicine
2010-	Foundations Fund Professor of Psychiatry, Yale University School of Medicine

Professional honors and recognitions:

2002	M.A. Privatim (honorary), Yale University
2010-present	"Best Doctors in America"
2014	International Society for Biomedical Research on Alcoholism (ISBRA) James B. Isaacson Award
2016	Ruysch lecturer, Academisch Medisch Centrum (AMC), Amsterdam, NL
2016	Hilldale Lecture in Biological Sciences, University of Wisconsin-Madison

Licensures and certifications:

State of New York, medical license (1984-1986)

Commonwealth of Pennsylvania, medical license (1984-1988)

Drug Enforcement Administration (DEA) certification (1984-)

State of Maryland, medical license (1986-1989)

District of Columbia, medical license (1987-1989)

State of Connecticut, medical license 1.029404 (1988-)

Diplomate, American Board of Psychiatry and Neurology (1989)

Professional and scientific societies:

Connecticut Academy of Science and Engineering (2022-)

American Association for the Advancement of Science (AAAS) (1985-2012, 2015-)

Anxiety Disorders Association of America (ADAA) (1999-2003)

American Society of Human Genetics (ASHG) (1988-)

American College of Neuropsychopharmacology (1993-2015)

Society of Biological Psychiatry (SOBP) (2000-)

Asia-Pacific Society for Alcohol and Addiction Research (APSAAR) (2013-)

Collegium Internationale Neuro-Psychopharmacologicum (CINP) (2013-)

Human Genome Organization (HUGO) (2012-)

Research Society on Alcoholism (RSA) (2001-)

International Society for Biomedical Research on Alcoholism (ISBRA) (2014-)

Société Wilhelm Furtwängler (2015-)

Other professional activities:

Reviewer for *American Journal of Human Genetics, Nature, Archives of General Psychiatry, Psychiatry Research, American Journal of Medical Genetics Part B (Neuropsychiatric Genetics), PNAS, Psychiatric Genetics, Human Molecular Genetics, Nature Reviews Neuroscience, Molecular Psychiatry, Alcoholism: Clinical and Experimental Research, Biological Psychiatry, International Journal of Neuropsychopharmacology*, etc.

Associate Editor, *Neuropsychopharmacology* (2006-2012)

Editorial board member, *Neuropsychopharmacology* (2012-)

Editorial board member, *Psychiatric Genetics* (1994-)

Editorial board member, *Biological Psychiatry* (1997-)

Editorial board member, *Asian Biomedicine: Research, Reviews and News* (2006-)

Editorial board member, *American Journal of Medical Genetics Part B* (2007-)

Associate Editor, *Molecular Neuropsychiatry* (2015-2020)

Editor-in-Chief, *Complex Psychiatry* (2020-)

Grant reviews (since 7/1998): VA Merit Review Board *ad hoc* reviewer, 8/1998; NIDA Special Review Committee, 10/1998; NIDA site visit team member, 10/1998; NIMH Special Review Committee, 12/1998; NIDA Special Review Committee, 4/1999; Temporary Member, NIH (CSR) Study Section, 11/1999; VA Merit Review Board *ad hoc* reviewer, 4/2000; NIDA Special Review Committee, 10/2002; NIDA Special Review Committee, 12/2002; NIMH *ad hoc* for Special Review Committee, 7/2003; NIDA Special Emphasis Panel, 12/2003; NIDA Special Review Committee, 10/2004; Israel Science Foundation, 5/2005; NIDA Special Review Committee, 7/2005; NIH GHD Study Section *ad hoc*, 6/2006; NIH NIAAA Study Section SEP HH-87, 5/2007; NIDA Special Review Committee, 5/2008; Israel Science Foundation, 5/2008; NIH Challenge Grant reviews, 6-7/2009; NIDA ZRG SEP Study Section, 7/2010; ZRG1 BDCN-C, 5/2011; ZRG1 GGG-C, 05/2011, and many others since then

Scientific advisory board member, Anxiety Disorders Association of America, 1999-2003

Scientific advisory board member, Ohio National Guard Study (Dr. Joseph Calabrese, PI), 2009-

Consultant, DOD National Center of Excellence for Breast Cancer Research, Lombardi Cancer Center, Georgetown University, Washington, DC, 2003-2006

Thailand Center of Excellence for Life Sciences (TCELS) Tsunami Project, 2005-2007

Committees:

Department of Psychiatry:

Research Committee

Informed Consent Review Committee (1998-1999)

IRB Process Review Committee (2002)

Local:

Yale University School of Medicine Human Investigations Committee (1992-2000)

Yale College Health Professions Advisory Committee (1996-2000)

Yale University School of Medicine Scholar Awards Committee (2002-2005)

New York Academy of Sciences Genomic Medicine Program Committee (2004-2006)

Yale University School of Medicine Funds and Fellowships Committee (Chair) (2010-2013)

National:

BSCS (Biological Sciences Curriculum Study) Curriculum Writing Committee (for development of high school behavioral genetics curricula used nationally and internationally) (1997-1998)

Program Planning Committee for the Society of Biological Psychiatry (2001-2002)

Publications:

Google Scholar h-index, May 2022: 114; since 2017: 61

Papers:

(1) Gelernter D and Gelernter J. Expert systems and diagnostic monitors. Seventh Annual Symposium on Computer Applications in Medical Care. 1983. Washington, DC. doi: 10.1109/SCAMC.1983.764740.

(2) Gelernter D, Gelernter J. Expert systems and diagnostic monitors in psychiatry. Med Inform (Lond). 1986;11(1):23-28. doi:10.3109/14639238608994971. PMID: 3515068.

(3) Gejman PV, Sitaram N, Hsieh WT, Gelernter J, Gershon ES. The effects of field inversion electrophoresis on small DNA fragment mobility and its relevance to DNA polymorphism research. Appl Theor Electrophor. 1988;1(1):29-34. PMID:2908735.

(4) Gershon ES, Martinez M, Goldin L, Gelernter J, Silver J. Detection of marker associations with a dominant disease gene in genetically complex and heterogeneous diseases. Am J Hum Genet. 1989;45(4):578-585. PMID: 2491015; PMCID: PMC1683506.

(5) Hauser P, Dauphinais ID, Berrettini W, DeLisi LE, Gelernter J, Post RM. Corpus callosum dimensions measured by magnetic resonance imaging in bipolar affective disorder and schizophrenia. Biol Psychiatry. 1989;26(7):659-668. doi:10.1016/0006-3223(89)90100-5. PMID: 2804188.

(6) Hauser P, Altshuler LL, Berrettini W, Dauphinais ID, Gelernter J, Post RM. Temporal lobe measurement in primary affective disorder by magnetic resonance imaging. J Neuropsychiatry Clin Neurosci. 1989;1(2):128-134. doi:10.1176/jnp.1.2.128. PMID: 2521053.

(7) Berrettini WH, Garrick NA, Nurnberger JI Jr, et al. Intravenous physostigmine increases cerebrospinal fluid neuropeptide-Y. Biol Psychiatry. 1989;26(6):623-630. doi:10.1016/0006-3223(89)90087-5. PMID: 2790099.

(8) Berrettini WH, Goldin LR, Gelernter J, Gejman PV, Gershon ES, Detera-Wadleigh S. X-chromosome markers and manic-depressive illness. Rejection of linkage to Xq28 in nine bipolar pedigrees. Arch Gen Psychiatry. 1990;47(4):366-373. doi:10.1001/archpsyc.1990.01810160066010. PMID: 2322087.

(9) Sunahara RK, Niznik HB, Weiner DM, Stormann TM, Brann MR, Kennedy JL, Gelernter JE, Rozmahel R, Yang YL, Israel Y, et al. Human dopamine D1 receptor encoded by an intronless gene on chromosome 5. Nature. 1990;347(6288):80-83. doi:10.1038/347080a0. PMID: 1975640.

(10) Gelernter J, Pakstis AJ, Pauls DL, Kurlan R, Gancher ST, Civelli O, Grandy D, Kidd KK. Gilles de la Tourette syndrome is not linked to D2-dopamine receptor. Arch Gen Psychiatry. 1990;47(11):1073-1077. doi:10.1001/archpsyc.1990.01810230089014. PMID: 1978653.

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study of hurricane exposed adults. Mol Psychiatry. 2013 Nov;18(11):1148-9. doi: 10.1038/mp.2012.189. PMID: 23319003; PMCID: PMC3977702.

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Invited Presentations (Selected):

National Institute on Drug Abuse, Baltimore, Maryland; meeting. “D2 Receptor Alleles in Substance Abuse: Have We Identified a Relevant Gene?” September 19, 1991. “Failure to replicate an allelic association between *DRD2* alleles and alcoholism.”

University of Connecticut School of Medicine, Alcohol Research Center, Department of Psychiatry, visiting lecture, March 10, 1993. “Associations studies and alcoholism.”

Fourth Annual Addiction Medicine Conference (Texas Research Society on Alcoholism). Austin, Texas, September 10, 1993. “Alcoholism and the D2 dopamine receptor gene.”

National Institute on Alcohol Abuse and Alcoholism, NIH, research seminar. October 15, 1993. “Candidate gene studies in psychiatry.”

Johns Hopkins University School of Medicine, Department of Mental Hygiene Wednesday Noon lecture series *on Neurobiology and Public Mental Health.* February 16, 1994. “Genetic Linkage and Association Studies in Psychiatry.”

University of Connecticut School of Medicine, Department of Psychiatry, Grand Rounds presentation. March 11, 1994. “Linkage and association studies in psychiatry.”

Wayne State University School of Medicine, Department of Psychiatry, grand rounds presentation. April 28, 1994. “Candidate gene linkage and association studies in psychiatry.”

Howard Hughes Medical Institute Workshop on Molecular and Genetic Approaches to Mental Illness. Bethesda, Maryland. Dec. 4-7, 1994. “A Recent History of Association Studies in Psychiatry.”

Winter Conference on Brain Research, panel: Genetics of Serotonergic and Dopaminergic Behaviors. “The D4 dopamine receptor gene in Tourette's syndrome and novelty seeking.” Snowmass, CO. February 1, 1996.

Butler Hospital of Brown University, Department of Psychiatry Grand Rounds Series. February 12, 1997. “Candidate Gene Studies in Psychiatry.”

Winter Conference on Brain Research, panel: Signal to Noise in Genetic Association Studies. “Stratification, admixture, and linkage disequilibrium.” Snowbird, UT. January 28, 1998.

Yale Interdepartmental Neuroscience Program Annual Retreat. “Finding genes related to behavior, or what *really* makes you think?” Woods Hole, MA. February 20, 1998.

"Candidate genes and behavior: studies of the D4 dopamine receptor and serotonin transporter protein loci." University of Arizona College of Medicine. March 11, 1998.

"Genetics of alcohol dependence." American Academy of Addiction Psychiatry annual meeting. Amelia Island, FL. December 4, 1998.

University of Connecticut School of Medicine, Clinical Research Center. December 8, 1999. "Candidate gene studies of substance dependence."

Park City Conference in Molecular Psychiatry. February 2000. "TDT Studies in Substance Dependence."

Park City Conference in Molecular Psychiatry. February 5, 2001. "Progress in a Genome Scan for Loci Predisposing to Anxiety Disorders."

Duke University School of Medicine, Grand Rounds. March 29, 2001. "Studies in the Genetics of Anxiety Disorders and Substance Dependence."

Brookhaven National Laboratory, Long Island, NY. May 18, 2001. "Approaches to genetics and imaging."

Don H. Linszen Invitational Symposium, University of Amsterdam, Amsterdam, The Netherlands. May 28, 2001. "Studies in the genetics of cocaine-induced psychosis."

Chulalongkorn University, Bangkok, Thailand, July 20, 2001. Department of Genetics lecture. "Approaches to genetics of psychiatric traits: anxiety disorders and substance dependence."

First Annual US-Israel Symposium in Academic Psychiatry. Jerusalem, Israel. October 23, 2001. “Approaches to the Genetics of Anxiety Disorders and Alcohol Dependence.”

NAPA Conference in Molecular Psychiatry. Yountville, CA. March 26, 2002. “A chromosome 14 susceptibility locus for Simple Phobia.”

Genaissance Corporation. October 2002. New Haven, CT. “Genetic linkage studies of anxiety disorders and drug dependence.”

NIAAA Laboratory of Neurogenetics Branch seminar. July 26, 2002. Rockville, MD. “Extended Pedigree Linkage Studies of Anxiety Disorders & Substance Dependence Linkage Studies.”

NIDA/American Society of Human Genetics symposium. October 2002. Baltimore, MD. “Progress in Genetic Linkage Studies of Substance Dependence.”

NIAAA workshop on alcohol use and health disparities. December 5, 2002. Rockville, MD. “Linkage Disequilibrium Studies of Alcohol Dependence: Gene identification and implications of population groups studied.”

Eleventh Congress of the Israel Psychiatric Association. April 30, 2003. Haifa, Israel: “Genetic studies in anxiety disorders.”

Ninth International Summer School on Behavioral Neurogenetics, Forum des Cordeliers. Toulouse, France. August 7, 2003. “From molecule to malady.”

Introduction to Complex Traits and Psychiatric Genetics (Yale-Chulalongkorn Research Training Program). Bangkok, Thailand. September 11-12, 2003. “From genotype to phenotype” and “Specific genotype-phenotype relationships.”

American Society of Human Genetics Annual Meeting. Los Angeles, CA. November 7, 2003. “Initial results from genome-wide linkage studies of substance dependence.”

University of Connecticut Health Center, Department of Psychiatry. Grand Rounds. January 30, 2004. “Linkage studies of psychiatric illness: a genomewide view of substance dependence.”

Case Western School of Medicine, Department of Psychiatry. February 23, 2004. “A genomewide view of substance dependence.”

Israel Society of Biological Psychiatry. March 16-18, 2004. Workshop in Psychiatric Genetics. “A Genomewide Linkage Scan for Cocaine Dependence.” Kfar Giladi, Israel.

Invited special presentation to director of NIDA, June 16, 2004: “Recent progress in genomewide linkage scans for cocaine and opioid dependence.”

Tenth International Summer School on Behavioral Neurogenetics. Memphis, TN. August 10, 2004. “Psychiatric Genetics,” “Molecule to Malady.”

University of Colorado at Denver, Special Grand Rounds (Human Medical Genetics Program). September 23, 2004. “Genetics of Cocaine Dependence and Related Phenotypes: Results from a Genomewide Linkage Scan.”

Yale University School of Medicine Department of Genetics. September 27, 2004. “Genetics of Substance Dependence: Results from a Genomewide Linkage Scan.”

Hunan Normal University, Changsha, China, Program for International Life Sciences Forum. November 13, 2004. Co-chaired session, “Model Biology and Biomedicine.” Lecture, “Genetics of Cocaine Dependence and Related Phenotypes: Results from a Genomewide Linkage Scan.”

American College of Neuropsychopharmacology (ACNP) Annual Meeting. San Juan, Puerto Rico. December 14, 2004. “Recent findings from a genomewide linkage scan for cocaine dependence.”

New York Academy of Sciences Genomic Medicine Group Symposium. New York, NY. February 9, 2005. “Specific Genes for Substance Dependence Risk: Are We There Yet?”

International Narcotics Research Conference (INRC). Annapolis, MD. July 11, 2005. “First results from a genomewide linkage scan for opioid dependence.”

Cold Spring Harbor Laboratory, Cellular Biology of Addictions course. August 14, 2005. Cold Spring Harbor, NY, “Linkage studies of substance dependence.”

National Institute of Alcohol Abuse and Alcoholism, Laboratory of Neurogenetics. Rockville, MD. Invited lecture. September 30, 2005. “Genetic Linkage Studies of Drug Dependence.”

Genetics of Psychiatric and Substance Use Disorders: Advanced Methods and Latest Findings (Yale-Chulalongkorn Research Training Program). Bangkok, Thailand. November 14-15, 2005. “Linkage study methods” and “Linkage studies and gene mapping in drug dependence.”

National Institutes of Health Neurobiology of HIV, Psychiatric and Substance Abuse Comorbidity Workshop. December 1, 2005. Bethesda, MD. “The Genetics of Substance Abuse Disorders.”

American Academy of Addiction Psychiatry (AAAP) Annual Meeting. Scottsdale, AZ. December 9, 2005. “Genetics of Alcohol and Drug Dependence.”

University of California San Diego School of Medicine, Grand Rounds Presentation. January 19, 2006. “Lost In Space, Found On Chromosome 4: Genetics of Alcohol and Drug Dependence.”

Chulalongkorn University Faculty of Medicine, Department of Genetics. Bangkok, Thailand. Invited lecture. May 10, 2006. “Principle and approaches in multifactorial genetics.”

Seventh International Symposium on Neurovirology. Philadelphia, PA. June 1, 2006 “Genetics of Drug Dependence” (plenary).

New York Psychiatric Forum, Cold Spring Harbor Laboratories, Cold Spring Harbor, NY. July 26, 2006. “Recent progress in substance dependence gene mapping.”

Women's Health Research at Yale Monthly Seminar, Yale University School of Medicine. April 11, 2007. “Recent Findings in Genetics of Substance Dependence.”

Congress on Problems of Drug Dependence, Quebec City, Canada. June 19, 2007. “New findings on genes close to *DRD2* and risk of alcohol, nicotine, and cocaine dependence” (session co-chair).

University of Arizona Department of Psychiatry, Grand Rounds presentation. September 5, 2007. “Recent Findings in Genetics of Substance Dependence.”

University of Arizona, Department of Genetics Seminar. September 6, 2007. “New findings on genes close to *DRD2* and risk of alcohol and drug dependence.”

Yale University School of Medicine, Department of Psychiatry Grand Rounds. September 21, 2007. “Recent progress in genetics of substance dependence, featuring new adventures on chromosome 11.”

Yale University School of Medicine, Department of Genetics Annual Retreat. Jiminy Peak, MA. October 19, 2007. “Smoking, Drinking, Cocaine, Heroin, and Risk Genes.”

Shanghai Mental Health Center, Shanghai, China. November 9, 2007. “Genetics of Substance Dependence.”

National Institute on Drug Abuse Course on Genetics and Epigenetics of Addiction. Bethesda, MD. April 3, 2008. “Dealing with heterogeneity and comorbidity in substance dependence genetics.”

University of Connecticut School of Medicine General Clinical Research Center Seminar. Farmington, CT. April 8, 2008. “Genetics of Substance Dependence: A Million Little SNPs.”

Massachusetts General Hospital, Harvard Medical School, Department of Psychiatry Grand Rounds. Boston, MA. April 25, 2008. “Genetics of Addiction: A Million Little SNPs.”

University of Virginia School of Medicine Special Seminar. Charlottesville, VA. May 1, 2008. “Genetics of Substance Dependence.”

Chulalongkorn Faculty of Medicine and the Thailand Research Fund, Senior Research Scholar Meeting. Bangkok, Thailand. May 16, 2008. “Addiction Genetics and Special Populations.”

Medical University of South Carolina, Department of Psychiatry, Grand Rounds. July 11, 2008. “Genetics of Substance Dependence.”

Hadassah Hebrew University Hospital. Jerusalem, Israel. Research Forum Seminars in Medical Genetics and Molecular Biology, The Goldyne Savad Institute of Gene Therapy. July 22, 2008. “Recent progress in substance dependence population genetics.”

NIAAA Center Directors Meeting. Avon, CT. October 17, 2008. “A Little To The Left Of *DRD2*.”

Yale Radiology Retreat. Southbury, CT. November 7, 2008. “Genetics of psychiatric illness and possible connections to imaging.”

Veterans Administration Genomics Group Meeting. Washington, DC. November 20, 2008. “PTSD cooperative genomewide association study (GWAS).”

Columbia University College of Physicians and Surgeons. New York, NY. December 17, 2008. Lieber Seminar. “Genetics of substance dependence and related phenotypes.”

Scripps Research Institute. La Jolla, CA. January 7, 2009. Research Seminar. “Genetics of Substance Dependence.”

162nd APA Annual Meeting. San Francisco, CA. May 21, 2009. “Approaching Comorbidity in Addiction Genetics.”

Centre for Training, Research and Treatment of addictions (CERTA) Albatros Meeting. Maison de la Mutualité, Paris, France. June 12, 2009. “Genetics in addiction” (keynote).

University of Pennsylvania Department of Psychiatry. Philadelphia, PA. September 25, 2009. CIRNA Seminar. “Approaches to Addiction Genetics.”

6th Annual Chinese Neuro-Psychiatry Association Conference. Changsha, China. October 18-21, 2009. “Genetics of Substance Dependence” (plenary).

Yale University Department of Neurobiology. New Haven, CT. January 5, 2010: “Approaches to the Genetics of Substance Dependence.”

West China University of Medical Sciences. Chengdu, Sichuan, China. January 22, 2010. “Genetics of Addictions.”

XXVII CINP (Collegium Internationale Neuro-Psychopharmacologicum) Congress. Hong Kong, China. June 8, 2010. “Relationship of opioid receptor gene variation to substance dependence-related traits.”

RSA (Research Society on Alcoholism) **33rd annual meeting. San Antonio, TX.** June 28, 2010. “Identifying Alcohol Dependence Risk Loci Using Sibpair and Case-Control Approaches.”

Jackson Laboratory Short Course on the Genetics of Addiction), Bar Harbor, ME. August 14-18, 2010. “Genetics in Addiction: Our ‘Revolver’ Phase” (keynote).

2010 ISBRA World Congress (Current Topics and Innovations in Alcohol Research). Paris, France. September 13-16, 2010. “Identifying AD Risk Loci Using Sibpair and Case-Control Approaches.”

German Society for Psychophysiology and its Application, 4th Spring School 2011, Genes, Brain and Behavior: From Personality to Psychopathy. St. Goar, Germany. March 24, 2011. “Genetics of Addictions.”

Ernest Gallo Clinic and Research Center (Gallo Center). Emeryville, CA. March 30, 2011. “Addiction Genetics: Bringing a Gun to a Gunfight.”

NIDA and NIAAA Genetics Satellite Mini-Convention on Genetics and Epigenetics of Substance Abuse to World Congress on Psychiatric Genetics. Omni Shoreham Hotel, Washington, DC. September 9, 2011. “Genetics of Cocaine and Opioid Dependence.”

Wellcome Trust/Cambridge/UCL/Yale Trainee Opportunity Workshop. London, England. October 28, 2011. “Current approaches to drug dependence genetics.”

Annual Neuroscience and Behavior Research Day, University of Mississippi. November 30, 2011. “Genetics of Substance Dependence.”

Asia-Pacific Society of Alcohol and Addiction Research (APSAAR). Bangkok, Thailand. February 6, 2012. “Genetics of Substance Dependence.”

Psychiatric Genetics and Translational Research Seminar, Massachusetts General Hospital, Harvard Medical School. March 6, 2012. “Genetics of Substance Dependence and The Importance of Bringing a Gun To a Gunfight.”

Medical and Molecular Genetics Seminar Series, Indiana University. Indianapolis, IN. March 14, 2012. “Substance Dependence and the Genetics Arms Race.”

Global Conference of Chinese Geneticists, Zhejiang University in Hangzhou, Zhejiang Province, China. July 8, 2012. “Substance dependence GWAS results in American and Chinese populations.”

State Key Laboratory for Diagnosis and Treatment of Infectious Disease, First Affiliated Hospital, Zhejiang University School of Medicine. July 9, 2012. “New Methods in Genetics and Drug Dependence.”

Massachusetts General Hospital Psychiatry Grand Rounds. October 11, 2012. “Substance Dependence Genetics (and What to Bring to a Gunfight).”

Chulalongkorn Faculty of Medicine. November 16, 2012. Residents and Fellows Seminar. “Substance Dependence Genetics (Recent Directions, and What to Bring to a Gunfight).”

Regenerative Medicine Cluster, Advanced Medical & Dental Institute, University of Science Malaysia. November 19, 2012. “Substance Dependence Genetics GWAS in US and Asian Populations.”

CINP Thematic Meeting: Pharmacogenomics and Personalized Medicine in Psychiatry. Jerusalem, Israel. April 21-23, 2013. “Results from a cocaine dependence GWAS in two American populations.”

Tor Vergata University School of Medicine. Rome, Italy. Genetics Seminar. January 18, 2013. “Genetics of substance dependence: recent GWAS results.”

Institute of Clinical Research and Training (ICRT), Jen-Ai Branch of Taipei City Hospital, Taipei, Taiwan. February 16, 2013. "Progress and challenges in substance dependence genetics research."

Taiwan Academia Sinica, Taipei, Taiwan. February 27, 2013. "Progress and challenges in substance dependence genetics research."

CINP Thematic Meeting: Pharmacogenomics and Personalized Medicine in Psychiatry. Jerusalem, Israel. April 21-23, 2013. "Results from a cocaine dependence GWAS in two American populations."

Jiaotong University School of Mathematics and Statistics. Xi'an, China. June 8, 2012. "Progress and challenges in substance dependence genetics research."

Jiaotong University, XJTU Medicine Campus. Xi'an China. June 9, 2013. "Progress and challenges in substance dependence genetics research: Over to GWAS."

World Congress of Psychiatric Genetics (WCPG). Boston, MA. October 17-21, 2013. "GWAS of Alcohol Dependence Traits in Three Populations."

World Congress of Psychiatric Genetics (WCPG). Boston, MA. October 17-21, 2013. "Genomewide Associations Study Identifies *TLL1* as a PTSD Locus."

Columbia University, College of Physicians and Surgeons, Department of Psychiatry Grand Rounds. New York, NY. December 20, 2013: "Genomewide association studies of substance dependence traits: progress in identifying relevant genes and pathways."

Chulalongkorn Faculty of Medicine. Bangkok, Thailand. January 23, 2014. "Genetics of Alcohol and Nicotine Dependence."

Columbia University, Columbia Substance Abuse Epidemiology Seminar, Department of Psychiatry. New York, NY. March 31, 2014. "Genetics of Substance Dependence: Up To GWAS."

Long Wharf Theater, Global Health & The Arts, Tobacco & Addiction. New Haven, CT. April 3-4, 2014. "Addictive Behaviors & the Link to Genetics."

Ninth Annual Conference on the Amygdala, Stress and PTSD: Bench to Bedside. Bethesda, MD. April 22, 2014. "PTSD and Genetics: GxE and GWAS PTSD Studies."

Human Genome Meeting. Geneva, Switzerland. April 26-30, 2014. “Substance Dependence GWAS Findings: Similarities and Differences by Trait.”

Department of Psychiatry, National Taiwan University Hospital. Taipei, Taiwan. May 28, 2014. “Mapping Substance Dependence Risk Genes Using GWAS.”

International Society for Biomedical Research in Alcoholism (ISBRA) and Research Society on Alcoholism (RSA) Annual Meeting. Seattle, WA. June 24, 2014. “GWAS of Alcohol Dependence Traits in American Populations.”

International Society for Biomedical Research in Alcoholism (ISBRA) and Research Society on Alcoholism (RSA) Annual Meeting. Seattle, WA. June 24, 2014. James B. Isaacson Award Plenary Lecture: “Genetics Of Alcohol Dependence: Advancing From Candidate Genes To Genomewide Approaches.”

International Symposium in Tokyo Metropolitan Institute of Medical Science (Igakuken Symposium). Tokyo, Japan. September 5, 2014. “Identifying genes and pathways associated with opioid dependence using GWAS.”

Silver Hill Hospital Research Seminar. New Canaan, CT. September 14, 2014. “Genetic risk prediction and the state of the art for psychiatric traits.”

Chulalongkorn Faculty of Medicine. Bangkok, Thailand. February 13, 2015. “Genetics of Alcohol Dependence: Advancing from Candidate Genes to Genomewide Approaches.”

Human Genome Meeting 2015 (HGM). Kuala Lumpur, Malaysia. March 16, 2015. “Genomewide Association Study of Cannabis Dependence Severity Reveals Novel Risk Variants And Shared Risk With Major Depressive Disorder.”

Anxiety and Depression Association of America (ADAA). Miami, FL. April 9, 2015. “Identifying PTSD Risk Loci via GWAS.”

International Conference on Global Health: Prevention and Treatment of Substance Use Disorders and HIV. Hangzhou, China. April 23, 2015. “Genetics of Nicotine, Cannabis, and Alcohol Dependence: Insights from Genomewide Studies.”

International Neuropsychiatric Association (INA) Meeting. Jerusalem, Israel. October 15, 2015. “Mapping alcohol dependence risk genes in different populations.”

UNODC (United Nations Office on Drugs and Crime) Scientific Consultation. December 8, 2015. Vienna, Austria. “Genetics of Substance Dependence: What We Know and How We Know It.”

Virginia Commonwealth University (Virginia Institute for Psychiatric and Behavioral Genetics of VCU), P50 ARC Invited Guest Seminar. January 26, 2016. “The GWAS and what we do after it: an argument for deep phenotyping.”

Gordon Research Conference. Galveston, TX. February 11, 2016. “Genetic Influences on Alcohol Dependence Risk from a Genomewide Perspective: Relationship to Population and Environmental Factors.”

Chulalongkorn Faculty of Medicine. Bangkok, Thailand. Yale-Chula Drug Dependence Through the Lifespan (DDTLS) Training Program Course: Epidemiology, Genetics, and Brain Imaging in Addiction. February 26, 2016. “Genetics of Substance Dependence: What We Know and How We Know It.”

Academisch Medisch Centrum (AMC) Amsterdam, March 15, 2016. Ruysch Lecture: “Genomewide data and substance dependence traits: The GWAS and beyond.”

Hilldale Lecture in Biological Sciences, University of Wisconsin-Madison. April 13, 2016. “Navigating Addiction Genetics with a Map of the Human Genome.”

Genomics Lecture, University of Wisconsin-Madison Biotechnology Center. April 14, 2016. “The GWAS, what we do after it, and what we can add with careful phenotyping.”

The International College of Neuropsychopharmacology (CINP) Meeting. Seoul, South Korea/ July 4, 2016. “Genes Influencing Cannabis Dependence Risk from GWAS.”

World Congress of Psychiatric Genetics. Jerusalem, Israel. October 31, 2016. “Psychiatric Genomics Consortium: Substance Use Disorders Working Group.”

Ramathibodi Hospital, Department of Psychiatry, Faculty of Medicine of Mahidol University. Bangkok, Thailand. December 2, 2016. “Using Genetics to Understand Addiction Biology.”

Chulalongkorn Faculty of Medicine. Bangkok, Thailand. Yale-Chula Drug Dependence Through the Lifespan (DDTLS) Training Program Course: Epidemiology, Genetics, and Brain Imaging in Addiction. February 10, 2017. “Genetics of substance use disorders: GWAS and beyond.”

Society for Research on Nicotine & Tobacco (SRNT) Annual Meeting. Florence, Italy. March 11, 2017. “Genetics of Nicotine Withdrawal Symptoms (And Other Stories).”

World Congress of Psychiatric Genetics. Orlando, FL. October 15, 2017. “Initial Results from an Opioid Dependence Whole Exome Sequencing Study.”

American Society of Human Genetics. Orlando, FL. October 18, 2017. “GWAS of the PTSD ‘re-experiencing’ symptom cluster in the MVP sample, N>150,000.”

Yale Center of Genome Analysis. New Haven, CT. January 25, 2018. “General overview of how YCGA is helping understand the biology and mechanism of diseases.”

Rector’s Lecture, Exeter College. Oxford, UK. April 25, 2018. “Genetics of Psychiatric Illness: Scenes from the Last Ten Years and Predictions for the Next Two Weeks.”

Oxford University Department of Psychiatry. Oxford, UK. April 25, 2018. “Genetics of Substance Use Disorders and Posttraumatic Stress Disorder: Insights from Genomewide Studies.”

University College London Department of Psychiatry, London, UK. May 3, 2018. “Genetics of Substance Use Disorders and PTSD: Insights from Genomewide Studies with Tens or Hundreds of Thousands of Subjects.”

International College of Neuropsychopharmacology Conference. Vienna, Austria. June 17, 2018. “Results from the USVA MVP PTSD Cooperative Study GWAS.”

World Congress of Psychiatric Genetics. Edinburgh, UK. October 13, 2018. “Studies on Alcohol Dependence Genetics from Yale-Penn and the MVP.”

World Congress of Psychiatric Genetics. Edinburgh, UK. October 15, 2018. “Results from the USVA MVP PTSD Cooperative Study GWAS: PCL Traits.”

Icahn School of Medicine at Mount Sinai, Department of Psychiatry Grand Rounds. New York, NY. January 29, 2019. “GWAS of PTSD and Substance Use Disorders: What Do You Get with Really Large Samples?”

PGC-PTSD Working Group Meeting. Chicago, IL. May 15, 2019. “Results from the USVA MVP PTSD Cooperative Study.”

Behavior Genetics Association. Stockholm, Sweden. June 28, 2019. “Studies on Alcohol Dependence Genetics from the US Million Veteran Program.”

VA Leadership Meeting. West Haven, CT. July 18, 2019. “Cooperative Studies Program (CSP) 575b: Genomics of Posttraumatic Stress Disorder.”

VA Boston Medical Grand Rounds. Roxbury, MA. September 11, 2019. “Pharmacogenomics in Depression and the VA PRIME Care Project.”

Million Veteran Program Science Meeting. Philadelphia, PA. September 12, 2019. “Increasing Power for PTSD Locus Discovery by MVP-UKB *PCL6* Meta-Analysis for n=292,054.”

European Society for Biomedical Research on Alcoholism (ESBRA). Paris, France. September 23, 2019. “Alcohol GWAS Results in Different Populations (AA, EA, Asian) and Attendant Implications.”

World Congress of Psychiatric Genetics (WCPG). Los Angeles, CA. October 30, 2019. “GWAS of a Quantitative Anxiety Trait in the Million Veterans Program Sample.”

World Congress of Psychiatric Genetics (WCPG). Los Angeles, CA. October 30, 2019. “The Million Veteran Program: Results for Psychiatric Traits and Future Prospects.”

VA Central Office. Washington, DC. November 18, 2019. “A Plan for a VA Mental Health Biobank.”

West Los Angeles VA. Los Angeles, CA. January 9, 2020. “Pharmacogenomics in depression and the VA PRIME Care Project.”

Center for Discovery and Innovation Genomic Medicine Symposium. Nutley, NJ. February 19, 2020. “Insights to the Genetics and Biology of PTSD and Substance Use Disorders from the Million Veteran Program.”

VA Central Office, Washington, DC [Virtual Meeting]. April 6, 2020. “MVP-MIND: MVP Measures Investigating Neuropsychiatric Disorders.”

Genomic Medicine Program Advisory Committee (GMPAC). Washington, DC [Virtual Meeting]. April 29, 2020. “Introducing the MVP-MIND mental health database project.”

Psychiatric Genetics Consortium Pathway to Therapeutics Meeting London, UK [Virtual Meeting]. April 30, 2020. “Million Veteran Program (MVP): Results for Psychiatric Traits and Future Prospects.”

BTSP Lecture. New Haven, CT [Virtual Meeting]. May 4, 2020. “Insights into the genetics of PTSD and substance use disorders based on the MVP sample."

Psychiatric Genetics Consortium Cross-Population SIG [Virtual Meeting]. May 6, 2020. “Diverse populations and the Million Veteran Program” (keynote).

Annual Meeting of the Centre for Addiction Studies (CADS): Research and Academic Skills Development for New Knowledge in Addiction. Bangkok, Thailand [Virtual Meeting]. October 26, 2020. “Genetics of Substance Use Disorder Based on Genomewide Studies.”

Dean’s Workshop, Yale Center for Genomic Health. New Haven, CT [Virtual Meeting]. April 26, 2021. “Progress in mapping risk genes for psychiatric disorders in large samples and using this information to understand biology.”

NIH/NIAAA Fall Seminar Series. Bethesda, MD [Virtual Meeting]. December 2, 2021. “Using Large Samples to Investigate the Human Genetics of Substance Use Disorders.”

HGM 2022: The 25th Human Genome Meeting, Tel Aviv, Israel. May 25, 2022. “Genetics of SSRI antidepressant use and implications for COVID-19 risk.”

International NeuroHIV Cure Consortium Program Seminar [Virtual Meeting]. July 7, 2022. “Substance use disorder genetics projects in Thailand and the U.S.”

Annual Meeting of the Centre for Addiction Studies 2022, Bangkok, Thailand. July 25, 2022. “Substance use disorder genetics projects in Thailand and the U.S.”