

The NKInformer



A newsletter of the Nathan S. Kline Institute for Psychiatric Research

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April – June 2024

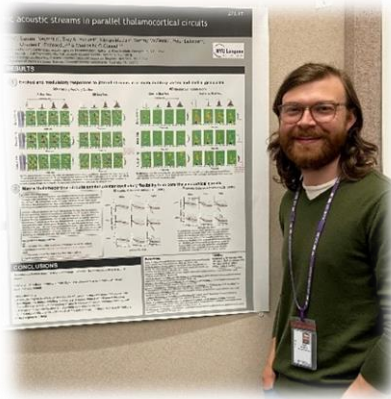
Stuart Moss, MLS, Editor

SCIENCE DAY 2024

The wide range of excellent research happening at NKI was showcased at our annual Science Day on April 30th in the Miki Kohn Conference Room. The event began with a Lifetime Achievement Talk on *Perceptual and Cognitive Deficits in Severe Mental Illness* by Pamela Butler, PhD. This was followed by shorter talks given by Maggie Ding, MS (*Racism Hurts: Race-Based Traumatic Stress Predicts Bodily Pain in Midlife Black and Latinx Americans*), Maria Aburto, PhD (*tDCS-Induced Modulation of Face Emotion Processing Deficits in Schizophrenia*), Wasif Zia, PhD (*Development of a Next Gen 9.4 T Magnetic Resonance System for Translational Neuroscience*), and Christopher Bare (*Single Cell Multiomic Hyperdimensional Measurement Platforms*). After the speakers, the space was reconfigured for the exhibition of nearly 40 scientific posters. The best poster award went to Christos Lisgaras, PhD, and second place was given to Hope Kronman, PhD. The full program and abstracts, along with additional photos, can be found [on the NKI website](#).



Alex Franco announces the best poster awards



Chase Mackey



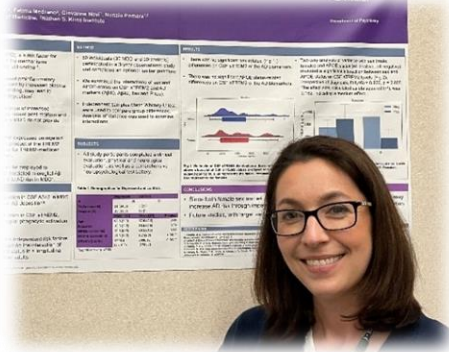
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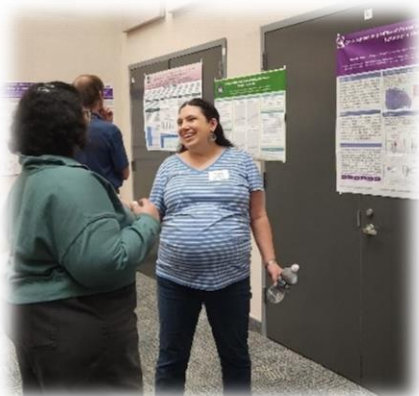
Wasif Zia



Theresa Abad, Danyah Nadim, Benedicto Parker, and Oluwatosin Salako made the trip from Manhattan Psychiatric Center



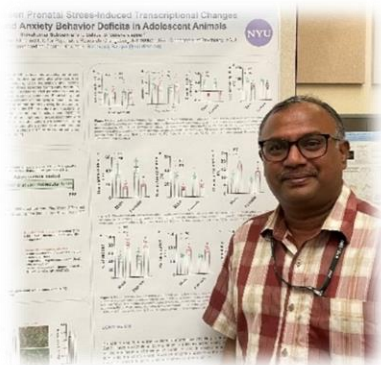
Chelsea Reichert Plaska



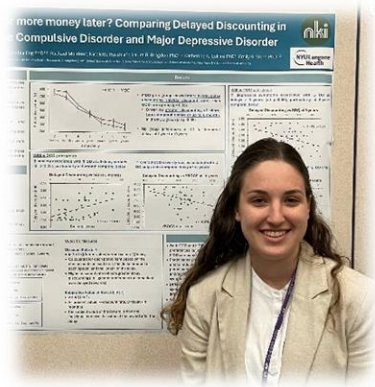
Amanda Labuza



Christos Lisgaras



Shivakumar Subbanna



Jeanmarie Harvey

KUDOS



Dr. Ayana Jordan, Research Scientist in the Division of Social Solutions & Services Research and Barbara Wilson Associate Professor of Psychiatry at NYU Grossman School of Medicine, will receive the Healing on Purpose & Evolving (HOPE) Center 2024 HOPE Innovation Award for her extraordinary commitment to the field of mental health and addiction. Dr. Jordan will be accepting her award at the HOPE in Action Fundraising & Awards Breakfast on Friday, June 14th.



The HOPE Center's nomination of Dr. Jordan reads as follows: "Through your work at the Jordan Lab and NYU Langone, you have been an outstanding clinician, advocate, researcher, and professor. You have demonstrated an extraordinary commitment to the field of mental health and addiction, by partnering with community organizations and faith-based institutions to address disparities in the field and been a pillar of excellence in health equity. Your commitment to building a mentally healthy nation, improving the cultural and clinical life of our community through social justice and advancing minority mental health is an inspiration to us all. Your partnership has been a huge asset to us, and you are more than deserving of this award and recognition."

Henry Sershen (Schizophrenia Research) was recently named Editor-in-Chief of Neurochemical Research. Dr. Sershen was previously Managing Editor of the journal and became Editor-in-Chief after the passing of Arne Schousboe earlier this year. *Neurochemical Research* was founded in 1976. Abel Lajtha served as the inaugural Editor-in-Chief for 35 years.



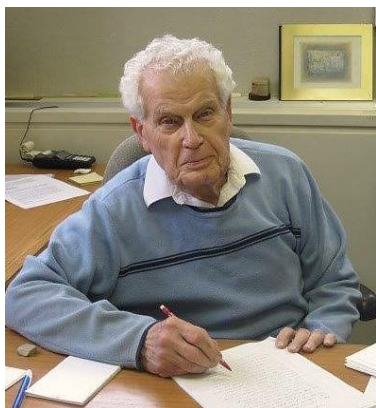
Renée Hartig (Translational Neuroscience Laboratories) is the new chair of Women in Olfactory Science (WIOS), an organization with the mission to promote underrepresented researchers in the field of chemical senses. In line with this mission, WIOS promoted two female chemosensory scientists, Drs. Claire de March (CNRS, France) and Janina Seubert (Karolinska Institute, Sweden), for the Association for Chemoreception Sciences (AChemS) Young Investigator Prize. The AChemS committee selected Dr. Hartig's research on chemosensory function in non-human primates for a special feature on their website and forthcoming community press release. Follow @OnlineWios for updates on social media.



Renée Hartig (back right) with WIOS colleagues

IN MEMORIAM – ABEL LAJTHA (1922-2024)

Dr. Abel Lajtha, longtime Director of NKI's Center for Neurochemistry and a leading figure in the history of neurochemistry, passed away on May 25th at the age of 101. Abel was born in 1922 in Budapest, Hungary,



where he received his Ph.D. in 1945. He began his scientific career studying processes involved in muscular contraction, working under his mentor Albert Szent-Györgyi, who won the Nobel Prize in 1937 for discoveries related to vitamin C. He later (1949-50) rejoined Szent-Györgyi, who had left Hungary and established the Institute for Muscle Research at the Marine Biological Laboratory in Woods Hole, Massachusetts.

Dr. Lajtha began his studies of the nervous system when he joined the laboratory of Heinrich Waelsch at Columbia University/New York State Psychiatric Institute, studying amino acids, brain protein metabolism, and the blood-brain barrier. He remained in New York investigating biochemical mechanisms in the nervous system for the rest of his career.

In 1963, New York State established the Research Institute for Neurochemistry and Drug Addiction (RINDA) on Wards Island. With the death of Dr. Waelsch in 1966, Abel Lajtha became the Institute's Director. RINDA later merged with NKI/NYU, where Dr. Lajtha led the Center for Neurochemistry up to the age of 100! I will mention just a fraction of his accomplishments below.

Abel contributed to neurochemical research in many important ways. In addition to his own studies, he organized numerous conferences and symposia, and served on several advisory boards, always endeavoring to support neuroscience and neuroscientists. His guidance extended to many

young researchers; over the years, his laboratory had many visiting scientists and trainees, from the U.S. and all over the world.

He was actively involved in the development of the International Society for Neurochemistry and the American Society for Neurochemistry, and he served in many leadership roles over many years.

In his long and prolific career, Dr. Lajtha published well over 700 articles, reviews, and chapters. He was Editor-in-Chief of the journal *Neurochemical Research* for 35 years. His most significant book was the *Handbook of Neurochemistry*, which he edited through three editions – the 1st edition of 8 volumes published in 1969-72, the 2nd edition of 10 volumes in 1982-85, and the 3rd edition of 17 volumes (a great endeavor to undertake in his 80s) in 2006-09.

Abel was a beloved colleague and mentor at NKI, serving on many of the Institute's administrative and advisory boards. He was President of the Research Foundation for Mental Hygiene from 1977-2018. He also served as the chair of NKI's Institutional Review Board for over 18 years. The Neurochemistry wing of NKI was dedicated in his honor (The Abel Lajtha, Ph.D. Entrance) in celebration of his 100th birthday. His advice and wisdom were always appreciated.



Besides research, Abel was well versed in the arts and literature. (He never missed a chance to visit a museum during an international conference.) He was an avid skier and an ace tennis player, playing tennis into his mid-90s. In short, he was a remarkable, knowledgeable, and caring individual.

On a personal note, I worked with Abel for 55 years and am saddened by the loss of a decades-long colleague and supportive mentor and, more importantly, a friend. He was like a father to me.

Contributed by Henry Sershen

FROM AROUND THE INSTITUTE



I will be retiring at the end of this month to start the next chapter of the Dave Guilfoyle experience. I've been at NKI almost 26 years, but it feels like 26 minutes. I think that's because it's such a great place to work, or perhaps there is an NKI time dilation effect from a warped space time continuum. Who knows? I want to thank everyone for making my time here fun and enjoyable. I have collaborated with many of you, and I would like to thank you all for your support and encouragement over the years. I now have two grandchildren and so will be spending time with them. I also plan many adventures to complete my bucket list but that will be subject to my daughter's approval for time off from my baby-sitting duties – she's even insisting on time sheets!! Hopefully I will have some free time because I also want to continue teaching scuba and hope to develop programs to teach children with learning difficulties. So, as you can see, I'm going to be busy. I will miss NKI and hopefully I can come back for a visit to catch up. Until then my friends, farewell and all the very best wishes to all of you.

Cheers,
Dave Guilfoyle



Medscape

Christos Lisgaras (Dementia Research) did a [video interview](#) for Medscape about research he presented at the American Epilepsy Society meeting. The segment is titled "Alzheimer's Disease and Epilepsy: Basic Science Clues to the Link."



With the help of **George Hula**, **Kareem McLean**, **Stiver Delacruz**, and the rest of the maintenance staff, a new planter box has been installed outside of the building 39 atrium. A small group of gardeners did the initial planting and is helping with ongoing upkeep. If you'd like to be involved with the NKI garden, please contact [Melissa Alldred](#).



Ying Jiang, Pam Butler, Melissa Alldred and John LaFrancois with the newly planted garden



The [latest commentary](#) by **Ralph Nixon** and **Ju-Hyun Lee** (Dementia Research) appears on the Alzforum research networking site.



NKI SPORTING NEWS



A ping pong group organized by **Tarek Sobeih** is meeting at 5:00 pm on Thursdays in the library space. The ping pong table and equipment are also available for open use at your convenience. If you would like to join the group or be kept in the loop, please [contact Tarek](#).



The NKI soccer enthusiasts would like to invite you to join in the weekly soccer game at 5:00 pm on Fridays in front of building 35. To join the WhatsApp group, [contact Babak Ardekani](#).



REMEMBRANCE

Dr. John Sidtis, who directed the Brain & Behavior Lab at NKI for many years with his wife Diana, passed away in Laguna Hills, CA on May 5, 2023, shortly after retiring. John was an accomplished scientist who published over 200 papers, chapters, and abstracts in a career spanning over 40 years. In addition to his work as a research scientist, experimental psychologist, and neuropsychologist, John had varied interests including scuba diving, rugby, photography, horses, and travel. We remember John fondly at NKI and mourn his passing.

If you would like to see a tribute presentation compiled by John's wife Diana, please [contact Stuart Moss](#).



PUBLICATIONS OF NOTE

Molecular Psychiatry

The latest publication from the lab of **Catia Teixeira** (Emotional Brain Institute) appears in *Molecular Psychiatry*. **Edenia Menezes** is co-first author.

Menezes EC, Geiger H, Abreu FF, Rachmany L, Wilson DA, Alldred MJ, Castellanos FX, Fu R, Sargin D, Corvelo A, Teixeira CM. [Early-life prefrontal cortex inhibition and early-life stress lead to long-lasting behavioral, transcriptional, and physiological impairments](#). *Mol Psychiatry*. 2024 Mar 14. PMID: 38486048.

PNAS

Two papers by NKI authors were published recently in *PNAS*.

Brian Russ (Biomedical Imaging & Neuromodulation) is a coauthor of this open access paper.

Charbonneau JA, Santistevan AC, Raven EP, Bennett JL, Russ BE, Bliss-Moreau E. [Evolutionarily conserved neural responses to affective touch in monkeys transcend consciousness and change with age](#). *Proc Natl Acad Sci U S A*. 2024 Apr 30; 121(18): e2322157121. PMID: 38648473.

Lila Davachi (Clinical Research) coauthored this paper.

Tal A, Schechtman E, Caughran B, Paller KA, Davachi L. [The reach of reactivation: Effects of consciously triggered versus unconsciously triggered reactivation of associative memory](#). *Proc Natl Acad Sci U S A*. 2024 Mar 5; 121(10): e2313604121. PMID: 38408248.

nature human behaviour

Stephan Bickel (Biomedical Imaging & Neuromodulation) is the senior author of this article published in the April issue of *Nature Human Behaviour*.

Gherman S, Markowitz N, Tostaeva G, Espinal E, Mehta AD, O'Connell RG, Kelly SP, Bickel S. [Intracranial electroencephalography reveals effector-independent evidence accumulation dynamics in multiple human brain regions](#). *Nat Hum Behav*. 2024 Apr; 8(4):758-770. PMID: 38366105.

Epigenomics

The latest review from **Raj Balapal** and **Shivakumar Subbanna** (Balapal Lab, Dementia Research) delves into cutting-edge advancements in the regulation of histone acetylation, offering insights into potential therapeutic avenues and future outlooks for neurodegenerative disorders such as Alzheimer's, Parkinson's, and Huntington's disease. By scrutinizing the intricate interplay between genetics and the environment through various models and studies, the review elucidates key molecular alterations, behavioral correlations, and promising avenues for early interventions that focus on targeting the epigenome in individuals at risk. The paper was published in *Epigenomics*.

Basavarajappa BS, Subbanna S. [Unlocking the epigenetic symphony: histone acetylation's impact on neurobehavioral change in neurodegenerative disorders](#). *Epigenomics*. 2024 Mar; 16(5):331-358. PMID: 38321930.

SCHOOL MENTAL HEALTH

Carrie Masia Warner (Social Solutions & Services) is the corresponding author of this new article in *School Mental Health*.

Warner CM, Escobar M, Thomas H, Ahmed T, Ndubuisi I, Perrone L et al. [A University-Community Partnership to Develop a Culturally Responsive School Intervention for Black Adolescents with Social Anxiety](#). *School Mental Health* 2024.



Russell Tobe (corresponding author), **Lucia Tu**, **Melissa Breland**, **Margaret Ryan** (Clinical Research), **Anna MacKay-Brandt**, **Stan Colcombe**, **Alex Franco**, and **Michael Milham** (Biomedical Imaging & Neuromodulation) coauthored this article appearing in *JAMA Network Open*.

Tobe RH, Tu L, Roberts M, Kiar G, Breland MM, Tian Y, Kang M, Ross R, Ryan MM, Valenza E, Alexander L, MacKay-Brandt A, Colcombe SJ, Franco AR, Milham MP. [Age, Motion, Medical, and Psychiatric Associations with Incidental Findings in Brain MRI](#). *JAMA Netw Open*. 2024 Feb 5; 7(2):e2355901. PMID: 38349653.



Xavier Castellanos (Clinical Research) coauthored this article in *The American Journal of Psychiatry*.

Tamon H, Fujino J, Itahashi T, Frahm L, Parlatini V, Aoki YY, Castellanos FX, Eickhoff SB, Cortese S. [Shared and Specific Neural Correlates of Attention Deficit Hyperactivity Disorder and Autism Spectrum Disorder: A Meta-Analysis of 243 Task-Based Functional MRI Studies](#). *Am J Psychiatry*. 2024 Apr 30. PMID: 38685858.

BRAIN STIMULATION

This paper by **Dan Iosifescu**, **Kate Collins**, **Xavier Castellanos**, **Ricardo Osorio** (Clinical Research) and colleagues was published recently in *Brain Stimulation*.

Gaggi NL, Collins KA, Gonzalez-Castillo J, Hurtado AM, Castellanos FX, Osorio R, Cassano P, Iosifescu DV. [Transcranial photobiomodulation increases intrinsic brain activity within irradiated areas in early Alzheimer's disease: Potential link with cerebral metabolism](#). *Brain Stimul*. 2024 Mar- Apr; 17(2):208-210. PMID: 38387555.



This article appearing in the *Journal of Interpersonal Violence* was coauthored by **Kerstin Pahl** (Social Solutions & Services). The paper stems from the doctoral dissertation of Ariadna Capasso.

Capasso A, Tozan Y, DiClemente RJ, Pahl K. [Childhood Violence, High School Academic Environment, and Adult Alcohol Use Among Latinas and Black Women: A Structural Equation Modeling Study](#). *J Interpers Violence*. 2024 Apr 8. PMID: 38587260.



The latest paper by **Victor Dyakin** was published in the open access journal *Symmetry*.

Dyakin VV, Dyakina-Fagnano NV. [Enigma of Pyramidal Neurons: Chirality-Centric View on Biological Evolution. Congruence to Molecular, Cellular, Physiological, Cognitive, and Psychological Functions](#). *Symmetry* 2024; 16(3):355.

The latest work by **Pasquale D'Acunzo, Efrat Levy**, and colleagues including members of the Levy Lab (Dementia Research) was published recently in *Molecular Neurodegeneration*. Dr. D'Acunzo provided this summary: "We recently identified a previously unknown type of extracellular vesicles in the brain extracellular space. The number and content of these mitochondria-derived mitovesicles are altered in brains with dysfunctional mitochondria, a hallmark of aging and neurodegenerative disorders, including Down syndrome and Alzheimer's disease. In this paper, the authors report that mitovesicles isolated from the brain of a mouse model of Down syndrome perturb long-term potentiation of otherwise normal mouse hippocampi. The other two known types of extracellular vesicles, plasma membrane-derived microvesicles and late-endosome-derived exosomes isolated from the same brains and mitovesicles isolated from control brains do not have this electrophysiological effect. These data suggest that mitovesicles acquire pathogenic functions under conditions of mitochondrial dysfunction, affecting memory formation and the propagation of neuropathology and are potentially unexplored targets for therapeutic interventions."

D'Acunzo P, Argyrousi EK, Ungania JM, Kim Y, DeRosa S, Pawlik M, Goulbourne CN, Arancio O, Levy E. [Mitovesicles secreted into the extracellular space of brains with mitochondrial dysfunction impair synaptic plasticity.](#) *Mol Neurodegener*. 2024 Apr 14; 19(1):34. PMID: 38616258.

This review by **Masuo Ohno** (Dementia Research) was published recently in the *Journal of Alzheimer's Disease*.

Ohno M. [A Strategy for Allowing Earlier Diagnosis and Rigorous Evaluation of BACE1 Inhibitors in Preclinical Alzheimer's Disease.](#) *J Alzheimers Dis*. 2024 Apr 27. PMID: 38701146.



bioRxiv

These two preprints, from **Robert Sears, Erika Andrade, Chris Cain**, and colleagues (Emotional Brain Institute) and **David Alcantara-Gonzalez** and other members of **Helen Scharfman's Lab** (Dementia Research), respectively, are online in *bioRxiv*.

Sears RM, Andrade EC, Samels SB, Laughlin LC, Moloney DM, Wilson DA, Alwood MR, Moscarello JM, Cain CK. [Devaluation of response-produced safety signals reveals circuits for goal-directed versus habitual avoidance in dorsal striatum.](#) *bioRxiv* [Preprint]. 2024 Feb 13: 2024.02.07.579321. PMID: 38370659.

Alcantara-Gonzalez D, Kennedy M, Criscuolo C, Botterill J, Scharfman HE. [Increased excitability of dentate gyrus mossy cells occurs early in life in the Tg2576 model of Alzheimer's disease.](#) *bioRxiv* [Preprint]. 2024 Feb 12: 2024.02.09.579729. PMID: 38645244.

European Child + Adolescent Psychiatry

Michael Milham, Director of the Center for Biomedical Imaging & Neuromodulation, is a coauthor of this paper appearing in *European Child & Adolescent Psychiatry*.

Koumoula A, Marchionatti LE, Karagiorga VE, ... , Milham MP, Corcoran M, Burke S, Koplewicz H, Salum GA. [Understanding priorities and needs for child and adolescent mental health in Greece from multiple informants: an open resource dataset](#). *Eur Child Adolesc Psychiatry*. 2024 Apr 1. PMID: 38558204.

JOURNAL of AFFECTIVE DISORDERS

Vilma Gabbay (Clinical Research), **Zhen Yang**, and colleagues recently published this paper in the *Journal of Affective Disorders*. The study was covered online in *Newsweek* ("[How Your Personality Type May Put You at Risk of Depression](#)").

Yang Z, Li A, Roske C, Alexander N, Gabbay V. [Personality traits as predictors of depression across the lifespan](#). *J Affect Disord*. 2024 Jul 1; 356:274-283. PMID: 38537757.

INFO UPDATE



The fifth episode of the [Mental Health Matters Podcast](#) from the NIMH – "[Pathways to Recovery: Psychosis and Schizophrenia](#)" – explores the signs and symptoms of psychosis and how treatments have evolved. In the episode, NIMH Director Dr. Joshua A. Gordon and Dr. Robert Heinssen, a leader in developing and adopting coordinated specialty care for treating psychosis, discuss coordinated specialty care and how NIMH research in psychosis and schizophrenia fundamentally changed the healthcare landscape.

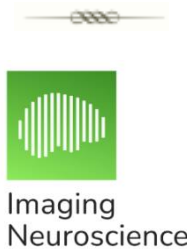
Healthy Minds Public Television Series



Season 9 of the public television series [Healthy Minds with Dr. Jeffrey Borenstein](#) is now available to watch on [PBS.org](#). The Emmy® nominated series features inspiring personal stories from people who have experienced mental health issues, as well as the latest information from experts on new approaches to the diagnosis, treatment, and prevention of mental illness. A few of the topics addressed in season 9 are "Mental Health, Obesity and Diabetes," "Education and Opportunities for People with Neurodiversity," "Anxiety in Youth," and "Update on COVID and Mental Health."



The Child Mind Institute, in partnership with the State of California, has produced a series of free resources with practical, evidence-based information and skills to address common parenting challenges. The [Positive Parenting, Thriving Kids Project](#) includes 20 videos covering topics in Self-Care and Parent-Child Relationships; Healthy Child and Adolescent Growth; Big Changes and Challenges; and Family and Community Stress.



In 2023, the MIT Press launched [Imaging Neuroscience](#), intended to become the premier neuroimaging journal. The genesis of this new journal follows the mass resignation of the editorial board of the Elsevier journal *NeuroImage* in protest of high publication fees. You can read about these developments in [The Guardian](#) and in this [press release](#).

The NKI librarian is always available to assist with literature searching, citation searching (Web of Science, Scopus), bibliographic reference management, and the like. When you have any information needs, or questions about available resources, don't hesitate to turn to us.

The library offers a comfortable, quiet space for reading, work, and small meetings. To use the library's Wi-Fi network, ask the library staff for the password.

You can [link to the NKI Library's website](#) from myNKI. The Library site includes quick links to the NYU Health Sciences Library and to the New York State Library, as well as links to NKI's own library resources ([journal finder](#), [online catalog](#), etc.).

EVENTS & SEMINARS

Center for Biomedical Imaging and Neuromodulation Science Series

Held on Mondays at 11 am via Zoom

Hyun-Woong Kim, PhD

University of Texas at Dallas

Sensorimotor beta oscillations associated with language processing

June 17th

Christian Habeck, PhD

Columbia University

Basic introduction to multivariate neuroimaging analysis – for nerds and novices
****Hybrid Event****

July 8th

Naz Dikeçligil, PhD

University of Pennsylvania

TBA

July 22nd

The New York State Office of Mental Health (OMH) regularly hosts an interactive video broadcast covering the latest research, technology, and treatment implementation in the fields of psychiatry and psychology. These programs are recorded, and the archived Statewide Grand Rounds programs can be viewed [on the OMH website](#).

NKI ON THE ROAD



Matthew Hoptman (Clinical Research) presented at the [Association for Psychological Science Annual Convention](#) in San Francisco. Dr. Hoptman participated in a symposium titled “My Emotions Made Me Do It: Novel Approaches to Understanding Emotion-Related Impulsivity”.



Renée Hartig (Biomedical Imaging & Neuromodulation) presented a poster titled “Functional Localization of the Primary Taste Cortex in the Anesthetized Macaque Monkey” at the [Association for Chemoreception Sciences conference](#) in Bonita Springs, FL in April.



[Psychiatry Grand Rounds](#) for Weill Cornell Medicine were given by **Regina Sullivan** (Emotional Brain Institute) on March 27. The title of Dr. Sullivan’s lecture was “Infant Neurobehavioral Processing of the Parent”.



Robert Smith (Schizophrenia Research) presented a poster titled “Sulforaphane for the Treatment of Negative Symptoms in Schizophrenia” at the annual APA meeting on May 6 in New York City.



Director of Clinical Research **Dan Iosifescu** was a discussant in two panel sessions at the recent meeting of the American Society of Clinical Psychopharmacology in Miami Beach. The sessions were on “The Future of Ketamine and Esketamine in Treatment-Resistant Depression: A Translational Perspective” and “Progress and New Developments in the Use of Neuroimaging Biomarkers in Psychiatric Clinical Trials.”

In addition, Schizophrenia Research Director **Daniel Javitt** presented a poster on “Effect Size Deflation as a Function of Sample Size in Adjunctive Treatment Trials for Negative Symptoms in Schizophrenia.”



Christos Lisgaras (Scharfman Lab) was one of the organizers of the [Third International Workshop on High Frequency Oscillations in Epilepsy](#) held recently at NYU.



Dr. Lisgaras (center) with the other Course Directors and Dr. György Buzsáki (third from right), who gave the opening keynote lecture.



Pasquale D'Acunzo, PhD (Levy Lab, Center for Dementia Research) gave a talk on "Mitovesicles secreted into the extracellular space of brains with mitochondrial dysfunction impair synaptic plasticity" at NYU's Neuroscience Weekly Group Meeting.

At the NYU Psychiatry Grand Rounds on June 13th, Clinical Research Director **Dan Iosifescu, MD, MSc** was the Discussant after a presentation on "Using Novel Antidiabetic Medications to Target Brain Bioenergetic Metabolism in Psychiatric Disorders" given by **David Liebers, MD, MPhil, MPP**, who will soon be joining NKI.

NKI PUBLICATIONS UPDATE

Below is a list of references that have been added to the NKI publications database since the previous update. The full database contains over 7,400 items dating back to 1995 and can be searched from the [myNKI website](#).

Alcantara-Gonzalez D, Kennedy M, Criscuolo C, Botterill J, Scharfman HE. Increased excitability of dentate gyrus mossy cells occurs early in life in the Tg2576 model of Alzheimer's disease. *bioRxiv* [Preprint]. 2024 Feb 12:2024.02.09.579729. PMID: 38645244.

Areces-Gonzalez A, Paz-Linares D, Riaz U, Wang Y, Li M, Razzaq FA, Bosch- Bayard JF, Gonzalez-Moreira E; Lifespan Brain Chart Consortium (LBCC); Global Brain Consortium (GBC); Cuban Human Brain Mapping Project (CHBMP); Ontivero- Ortega M, Galan-Garcia L, Martínez-Montes E, Minati L, Valdes-Sosa MJ, Bringas- Vega ML, Valdes-Sosa PA. CiftiStorm pipeline: facilitating reproducible EEG/MEG source connectomics. *Front Neurosci*. 2024 Apr 12; 18:1237245. PMID: 38680452.

Basavarajappa BS, Subbanna S. Unlocking the epigenetic symphony: histone acetylation's impact on neurobehavioral change in neurodegenerative disorders. *Epigenomics*. 2024 Mar;16(5):331-358. PMID: 38321930.

Becker CR, Milad MR. Contemporary Approaches Toward Neuromodulation of Fear Extinction and Its

Underlying Neural Circuits. *Curr Top Behav Neurosci*. 2023; 64:353-387. PMID: 37658219.

Blanc J, Scaramutti C, Carrasco M, Dimanche S, Hollimon L, Moore J, Moise R, Gabbay V, Seixas A. I am Lifted Above the World: utilizing VR for stress reduction among perinatal women of color. *Front Psychiatry*. 2024 Apr 23; 15:1377978. PMID: 38716116.

Boatright D, Nguyen M, Hill K, Berg D, Castillo-Page L, Anderson N, Agbelese V, Venkataraman S, Saha S, Schoenbaum SC, Richards R, Jordan A, Asabor E, White MA. Development of a Tool to Measure Student Perceptions of Equity and Inclusion in Medical Schools. *JAMA Netw Open*. 2024 Feb 5;7(2):e240001. PMID: 38381434.

Bragdon LB, Harvey JR, Moldow R. Cognitive-Behavioral Therapy for Obsessive-Compulsive Disorder: A Brief Review. *Psychiatric Annals* 2024;54(3):e75-e79.

Camerota M, Lester BM, Castellanos FX, Carter BS, Check J, Helderman J, Hofheimer JA, McGowan EC, Neal CR, Pastyrnak SL, Smith LM, O'Shea TM, Marsit CJ, Everson TM. Epigenome-wide association study identifies neonatal DNA methylation associated with two-year attention problems in children born very preterm. *Transl Psychiatry*. 2024 Feb 28; 14(1):126. PMID: 38418845.

Capasso A, Tozan Y, DiClemente RJ, Pahl K. Childhood Violence, High School Academic Environment, and Adult Alcohol Use Among Latinas and Black Women: A Structural Equation Modeling Study. *J Interpers Violence*. 2024 Apr 8. PMID: 38587260.

Charbonneau JA, Santistevan AC, Raven EP, Bennett JL, Russ BE, Bliss-Moreau E. Evolutionarily conserved neural responses to affective touch in monkeys transcend consciousness and change with age. *Proc Natl Acad Sci U S A*. 2024 Apr 30;121(18):e2322157121. PMID: 38648473.

Clelland CL, Moss S, Clelland JD. Warning: Artificial intelligence chatbots can generate inaccurate medical and scientific information and references. *Exploration of Digital Health Technologies* 2024; 2:1-6.

Collins KA, Recchia N, Eng GK, Harvey JR, Tobe RH, Stern ER. Sensory over- responsivity and orbitofrontal cortex connectivity in obsessive-compulsive disorder. *J Affect Disord*. 2024 May 15; 353:48-51. PMID: 38382815.

D'Acunzo P, Argyrousi EK, Ungania JM, Kim Y, DeRosa S, Pawlik M, Goulbourne CN, Arancio O, Levy E. Mitovesicles secreted into the extracellular space of brains with mitochondrial dysfunction impair synaptic plasticity. *Mol Neurodegener*. 2024 Apr 14; 19(1):34. PMID: 38616258.

Dang Y, Lu B, Vanderwal T, Castellanos FX, Yan CG. Early-treatment cerebral blood flow change as a predictive biomarker of antidepressant treatment response: evidence from the EMBARC clinical trial. *Psychol Med*. 2024 May 9:1-10. PMID: 38720516.

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