BRAIN & BEHAVIOR RESEARCH FOUNDATION
Scientific Council Dinner

Celebrating the Impact of
DR. HERBERT PARDES
on BBRF and on Psychiatric Research

&

Presenting the Klerman & Freedman Awards

FRIDAY, JULY 26, 2024
NEW YORK CITY
Tonight is a very special evening as we celebrate the extraordinary life of Herbert Pardes, M.D., a dynamic leader in psychiatry and mental health.

Dr. Pardes was a champion of mental health research. He believed it was vital to encourage and support talented scientists in their work to expand the frontiers of neuropsychiatric research, which he fervently believed was our best hope of ending the immense suffering caused by mental illness.

Dr. Pardes’ legacy in the field of psychiatry is unparalleled. He played leadership roles in psychiatric care, neuroscience research, medical education, and health care policy.

BBRF remains dedicated to building upon Dr. Pardes’ extraordinary legacy of expanding the frontiers of psychiatric research, with the same passion and commitment he lovingly shared with us for the past 37 years. This past May, the BBRF Board of Directors appointed Dr. Judy Ford as President of our Scientific Council, and Dr. John Krystal to continue to serve as the Council’s Vice President.

This evening, we will also celebrate the BBRF Klerman & Freedman Prizes. These Prizes recognize exceptional clinical and basic research conducted by BBRF Young Investigator Grantees. The prizewinners are selected by special committees of the Foundation’s Scientific Council. We thank our Council members for their time, expertise, and judgment to support the mission of the Foundation.

Tonight, five young researchers are being recognized for significant findings related to suicide prevention, PTSD, substance-use disorders, autism, brain biology, and therapeutic drug development. Their important work is furthering the quest to identify the biological roots of mental illness to enable the development of new diagnostic tools, more effective and targeted treatments, and to pave the way toward prevention.

We hope that as you learn about the achievements of this evening’s honorees, they will inspire your continued support of BBRF and of a future in which all people with a psychiatric condition lead full, productive, and happy lives.

Sincerely,

Jeffrey Borenstein, M.D.
President & CEO
ANNUAL KLERMAN PRIZE
FOR EXCEPTIONAL CLINICAL RESEARCH

Juliet Beni Edgcomb, M.D., Ph.D.
University of California, Los Angeles

HONORABLE MENTION

Elizabeth V. Goldfarb, Ph.D.
Yale University

ANNUAL FREEDMAN PRIZE
FOR EXCEPTIONAL BASIC RESEARCH

Christina K. Kim, Ph.D.
University of California, Davis

HONORABLE MENTIONS

Erin Gibson, Ph.D.
Stanford University

Hugo A. Tejeda, Ph.D.
National Institute of Mental Health

About the Prizes
The Klerman & Freedman Prizes pay tribute to Drs. Gerald L. Klerman and Daniel X. Freedman, whose legacies as researchers, teachers, physicians and administrators have indelibly influenced neuropsychiatry. Their outstanding contributions to the field of brain and behavior research continue to inspire scientists who knew them, as well as those who are just entering the field.
KLERNMAN
Prizewinners

1995  Dr. Rajiv Tandon
1996  Dr. Hans C. Brieter
1997  Dr. Schahram Akbarian
1998  Dr. Michael Maes
1999  Dr. Andrew L. Stoll
2000  Dr. Susan K. Schultz
2001  Dr. Cameron S. Carter
       Dr. Josephy R. Hibbeln
       Dr. Sarah H. Lisanby
       Dr. Perry F. Renshaw
2002  Dr. E. Sherwood Brown
       Dr. John W. Newcomer
2003  Dr. Ramin Mojtabai
2004  Dr. Helen Link Egger
       Dr. Joan L. Luby
2005  Dr. Melissa P. DelBello
2006  Dr. Hilary P. Blumberg
2007  Dr. Beng-Choon Ho
2008  Dr. Gabriel Alejandro de Erausquin
2009  Dr. Alina Suris
2010  Dr. Daniel P. Dickstein
       Dr. Mani N. Pavuluri
2011  Dr. Chadi Calarge
2012  Dr. Jess G. Fiedorowicz
2013  Dr. James McPartland
2014  Dr. Denis Jabaudon
2015  Dr. Alan Anticevic
2016  Dr Katie McLaughlin
2017  Dr. Jennifer C. Felger
2018  Dr. Albert R. Powers III
2019  Dr. Nolan R. Williams
2020  Dr. Ellen Lee
2021  Dr. Nicholas L. Balderston
2022  Dr. Shan H. Siddiqi
2023  Dr. Danella M. Hafeman

KLERNMAN
Honorable Mentions

1995  Dr. Elizabeth D. Abercrombie
       Dr. Kim T. Mueser
       Dr. Jose V. Pardo
1996  Dr. Steven E. Arnold
       Dr. Helen S. Mayberg
1997  Dr. Andrew J. Francis
       Dr. Katharine A. Phillips
1998  Dr. Cameron S. Carter
       Dr. Mark R. Serper
1999  Dr. Shitij Kapur
       Dr. Brian F. O’Donnell
2000  Dr. Mark S. George
       Dr. Sohee Park
2002  Dr. Stephan Heckers
       Dr. Anissa Abi Dargham
       Dr. Jeffrey H. Meyer
       Dr. Yvette I. Sheline
2003  Dr. Catherine Monk
       Dr. Gerard Sanacora
2005  Dr. Anne L. Glowinski
       Dr. Gerard Sanacora
2006  Dr. Stephan Eliez
       Dr. Jordan W. Smoller
2007  Dr. Yuval Y. Neria
       Dr. Carolyn M. Salafia
2011  Dr. Brian M. D’Onofrio
       Dr. Jennifer S. Silk
2012  Dr. Johanne Renaud
       Dr. Manpreet Kaur Singh
2013  Dr. Daniel Mueller
       Dr. Andrea Danese
2014  Dr. Mazen A. Kheirbek
       Dr. Bo Li
2015  Dr. Chadi Abdallah
       Dr. Carrie J. McAdams
2016  Dr. Erin C. Dunn
       Dr. Avram Holmes
2017  Dr. Danai Dima
       Dr. Carolyn Rodriguez
2018  Dr. Timothy Y. Mariano
2019  Dr. Bo Cao
       Dr. Sarah A. O. Gray
2020  Dr. Soonjo Hwang
       Dr. Hadar Ben-Yoav
2021  Dr. Hengyi Cao
       Dr. Nolan R. Williams
2022  Dr. Rachel Emma Lean
       Dr. Sunny Xiaojing Tang
2023  Dr. Linden Parkes
KLERMAN PRIZE

The Klerman Prize, established in 1994 by Myrna M. Weissman, Ph.D., in memory of her late husband, Gerald L. Klerman, M.D., honors exceptional clinical research by a BBRF Young Investigator Grantee. A distinguished psychiatric researcher and mentor at the National Institute of Mental Health (NIMH), Dr. Klerman pioneered studies of psychotropic medications and developed and tested interpersonal psychotherapy. Dr. Weissman serves on the BBRF Scientific Council.

KLERMAN PRIZE SELECTION COMMITTEE

Responsible for selecting the Klerman Prizewinners, the following BBRF Scientific Council members make up the Selection Committee:

CHAIR

Karen Dineen Wagner, M.D., Ph.D.
University of Texas Medical Branch in Galveston

MEMBERS

Martin B. Keller, M.D.
Brown University

Nina R. Schooler, Ph.D.
State University of New York, Downstate Medical Center
Dr. Edgcomb seeks to develop a set of rules for clearly identifying children and adolescents with suicide-related symptoms from within noisy and complex electronic health record (EHR) data. This would be a significant step forward in suicide prevention. She has worked with an EHR “training set” that includes data from 400 children and adolescents, to identify those presenting to healthcare providers with suicidal thoughts and behaviors. The aim is to identify the predictive variables best defining each pertinent phenotype and to produce a predicted probability of each suicide-related phenotype for each child. She has recently expanded this research to develop and validate methods to detect suicide-related visits among 3,400 children. Preliminary findings reveal disparities in detection by age, sex, and race/ethnicity in existing strategies, and the potential for medical record phenotyping to attenuate disparities in detection of populations at-risk and in need.

“Receiving the Klerman Prize is an extraordinary honor that deeply humbles and inspires me. It is a recognition not just of individual efforts, but of the collaborative spirit and dedication that drive the field of psychiatric research. This accolade is a powerful reminder of our shared purpose. It energizes my commitment to advancing our understanding of mental health and reaffirms the importance of rigorous, compassionate research in transforming patient care.”
The goal of Dr. Goldfarb’s lab is to understand how stress changes the way we remember our lives and the consequences of these memories for later behavior. Her research takes a translational cognitive neuroscience approach that combines experimental tasks that measure different types of memories, analyses of brain responses using functional magnetic resonance imaging, and assessments of physiological responses and real-world behavior. This approach has yielded insights into the neural and cognitive mechanisms by which stress changes memories (including how stress can make memories stronger), how changes in memory influence future choices to engage in risky alcohol drinking, and, with the support of BBRF, has begun to uncover new ways that trauma and PTSD may alter the formation of new memories. The ultimate aim of this work is to identify memory markers of resilient responses to trauma and reveal targets for memory-related therapeutic interventions.

“It is an honor to have our research recognized with a Klerman Prize Honorable Mention. Receiving a BBRF grant allowed my lab to pursue a high-risk research question, providing us with our first opportunity to work directly with individuals with PTSD in order to gain insight into ways in which trauma exposure may enhance certain types of memories. I am grateful that the Klerman Prize committee recognized the importance of this research area and the incredible work of the trainees in my lab.”
FREEDMAN Prizewinners

1998  Dr. Yukiko Goto
1999  Dr. Stewart A. Anderson
2000  Dr. Edwin G. Abel
2001  Dr. Kelsey C. Martin
2002  Dr. Jon R. Backstrom
2003  Dr. Jose A. Esteban
2004  Dr. Luca Santarelli
2005  Dr. Lisa M. Monteggia
2006  Dr. Michael D. Ehlers
2007  Dr. Thomas A. Blanpied
2008  Dr. Evelyn K. Lambe
2009  Dr. Kerry J. Ressler
2010  Dr. David A. Baker
2011  Dr. Alexandre Bonnin
2012  Dr. Zhiping Pang
2013  Dr. Garret Stuber
2014  Dr. Theodore D. Satterthwaite
2015  Dr. Michael M. Halassa
2016  Dr. Kay Tye
2017  Dr. Ilana Witten
2018  Dr. Byungkook Lim
2019  Dr. Anna Victoria Molofsky
2020  Dr. Cody A. Siciliano
2021  Dr. Meaghan Creed
2022  Dr. Antonio Fernandez-Ruiz
2023  Dr. Ritchie Chen

FREEDMAN Honorable Mentions

1998  Dr. Eric E. Turner
1999  Dr. Emmanuel N. Pothis
2000  Dr. Laurence H. Tecott
2001  Dr. Wayne Drevets
2002  Dr. Bernice E. Morrow
2003  Dr. Michael J. Caterina
2004  Dr. Aurelio A. Galli
2005  Dr. William A. Carlezon
2006  Dr. Gleb P. Shumyatsky
2007  Dr. Steven A. Thomas
2008  Dr. Sheena Ann Josselyn
2009  Dr. Michael D. Ehlers
2010  Dr. Carlos A. Pothos
2011  Dr. Laurence H. Tecott
2012  Dr. Michael W. Quick
2013  Dr. Fu-Ming Zhou
2014  Dr. Michael J. Caterina
2015  Dr. Gabriella D’ Arcangelo
2016  Dr. Karoly Mirnics
2017  Dr. Fang Liu
2018  Dr. Luca Santarelli
2019  Dr. Margarita Behrens
2020  Dr. Akira Sawa
2021  Dr. Jean-Martin Beaulieu
2022  Dr. Colleen Ann McClung
2023  Dr. Vincent P. Ferrera
2024  Dr. Benjamin Philpot
2025  Dr. Alberto Bacci
2026  Dr. Andrew A. Pieper
2027  Dr. Marie Carlen
2028  Dr. Genevieve Konopka
2029  Dr. Carmen Andreescu
2030  Dr. David Foster
2031  Dr. Hiroki Taniguchi
2032  Dr. Elena Ileva
2033  Dr. Aristotle N. Voineskos
2034  Dr. Kristen J. Brennand
2035  Dr. Nandakumar Narayanan
2036  Dr. Conor Liston
2037  Dr. Margaret Cho
2038  Dr. Marcelo de Oliveira Dietrich
2039  Dr. Elise B. Robinson
2040  Dr. Christina Gremel
2041  Dr. Ueli Rutishauser
2042  Dr. Erin S. Calipari
2043  Dr. Dorothy Schafer
2044  Dr. Kevin Beier
2045  Dr. Lorna A. Farrelly
2046  Dr. Denise Cai
2047  Dr. Tomasz J. Nowakowski
2048  Dr. Chandramouli Chandrasekaran
2049  Dr. Mohsen Jamali
2050  Dr. Madeline Andrews
2051  Dr. Neir Eshel
FREEDMAN PRIZE

The Freedman Prize honors the late Daniel X. Freedman, M.D., a pioneer in biological psychiatry and psychopharmacology and a founding member of the Brain & Behavior Research Foundation Scientific Council. It is awarded to a BBRF Young Investigator Grantee for exceptional basic research.

FREEDMAN PRIZE SELECTION COMMITTEE

Responsible for selecting the Freedman Prizewinners, the following BBRF Scientific Council members make up the Selection Committee:

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Ariel Y. Deutch, Ph.D.
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Icahn School of Medicine at Mount Sinai

Marina R. Picciootto, Ph.D.
Yale University
Yale School of Medicine
Dr. Kim seeks to develop new methodologies for recording and perturbing neuronal activity in animal models, specifically in brain regions implicated in neuropsychiatric diseases. Specifically, her lab engineers technologies to identify molecular biomarkers in neurons modulated by novel therapeutic drugs for treating depression and anxiety. She aims to determine which specific neurons and molecules can be targeted to improve disease symptoms. The hope is that an understanding of the targeted cellular mechanisms of therapeutic drugs in the brain can serve as the basis for designing modifications to these agents to increase their specificity and reduce their undesired side effects.

“I am so grateful to be receiving the Freedman Prize from BBRF. It is a wonderful recognition that comes right at the beginning of my career. This award empowers me to continue pursuing challenging and risky problems in neuropsychiatric disease research.”
“As one who started a lab during the COVID pandemic, I am so honored to have been able to attract the amazing trainees who contributed to the work recognized by the Freedman Prize Honorable Mention. This award is truly a testament to their dedication and hard work that has allowed us to highlight the importance of the intersection of circadian/sleep and myelin biology in neuropsychiatric and neurodegenerative disorders.”
Dr. Tejeda’s research focuses on the role of neuromodulation in processing information in limbic neural circuits under physiological conditions and in psychiatric disorders. Areas of interest include understanding how neuropeptides in cortical circuits regulate circuit function to regulate threat appraisal and the role of dopamine in shaping motivation and reinforcement through actions in brain reward circuitry. His BBRF-funded research has sought to identify the role of the endogenous opioid system in regulating cortical circuits. His team discovered how regulation of specific synaptic connections by opioid systems provides prefrontal cortical circuits a means to listen to distinct long-range networks implicated in threat processing. They also demonstrated that prefrontal cortical neurons that synthesize endogenous opioid peptides are activated by threats and that endogenous opioid peptides trigger changes in prefrontal cortical networks essential for limiting passive defensive behaviors.

“Receiving the Freedman Prize Honorable Mention is a testament to the dedication and collaboration of my team, and it reaffirms our commitment to understanding how the brain generates motivated adaptive behavior. This recognition not only honors our past achievements but more importantly fuels our ongoing and future endeavors aimed at elucidating the neuronal mechanisms underlying mental health disorders and novel approaches to treat them.“
1 Nobel Prize Winner
1 Director of the National Institute of Mental Health
3 Recipients of the National Medal of Science
7 Members of the National Academy of Sciences
14 National Institute of Health Chiefs & Directors
43 Chairs of Psychiatry & Neuroscience Departments
46 Members of the National Academy of Medicine
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43 Chairs of Psychiatry & Neuroscience Departments
14 National Institute of Health Chiefs & Directors
7 Members of the National Academy of Sciences
3 Recipients of the National Medal of Science
1 Director of the National Institute of Mental Health
1 Nobel Prize Winner
NewYork-Presbyterian joins The Brain & Behavior Research Foundation in celebrating Herbert Pardes, MD Executive Vice Chairman of the Board of Trustees of NewYork-Presbyterian (In Memoriam) Founder and Past-President of BBRF’s Scientific Council

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- 1 Director of the National Institute of Mental Health
- 1 Nobel Prize Winner

BY THE NUMBERS SINCE 1987

AWARDED TO SCIENTISTS
$450+ MILLION

GRANTS
6,500

GRANTEES
5,400

UNIVERSITIES & MEDICAL CENTERS
599

COUNTRIES, INCLUDING THE U.S.
41

192 ACTIVE SCIENTIFIC COUNCIL MEMBERS

The all-volunteer BBRF Scientific Council is composed of leading experts across disciplines in brain & behavior research who review grant applications and recommend the most promising ideas to fund.

The group includes:
- 46 Members of the National Academy of Medicine
- 43 Chairs of Psychiatry & Neuroscience Departments
- 14 National Institutes of Health Chiefs & Directors
- 7 Members of the National Academy of Sciences
- 3 Recipients of the National Medal of Science
- 1 Director of the National Institute of Mental Health
- 1 Nobel Prize Winner
THE BRAIN & BEHAVIOR RESEARCH FOUNDATION is committed to alleviating the suffering of mental illness by awarding grants that will lead to advances and breakthroughs in scientific research. The Foundation funds the most innovative ideas in neuroscience and psychiatry to better understand the causes and develop new ways to treat brain and behavior disorders.

Since 1987, the Foundation has awarded more than $450 million to fund more than 5,400 leading scientists around the world. This has led to over $4.5 billion in additional funding for these scientists. 100% of every dollar donated for research is invested in our research grants. Our operating expenses are covered by separate foundation grants.

RESEARCH FOR RECOVERY

35+ years

70k+ donors

$450M+ awarded

5,400+ researchers

For more than 35 years the Brain & Behavior Research Foundation has fostered new research pathways and transformative breakthroughs.

Our 70,000 donors have joined together in the great challenge of modern medical science—overcoming mental illness.

Since 1987 the Foundation has awarded more than $450 million to fund more than 6,500 grants.

Grants have been given to 5,400 leading scientists around the world.