AACAP Research Committee

ANNUAL REPORT

2023
AACAP Council
Warren Y.K. Ng, MD, MPH, President
Tami D. Benton, MD, President-Elect
Debra E. Koss, MD, Secretary
Neal D. Ryan, MD, Treasurer
Marian A. Swope, MD, Assembly Chair
Gabrielle A. Carlson, MD, Past President
Shirley Alleyne, MB, BS
Alicia A. Barnes, DO, MPH
Matthew G. Biel, MD, MSc
Jennifer L. Derenne, MD
Lisa R. Fortuna, MD, MPH
Lisa Hutchison, MD
Adam J. Sagot, DO
Shawn Singh Sidhu, MD
Jose Vito, MD
Sala Webb, MD
Evelyn N. Ashiofu, MD, MPH, Jerry M. Weiner Resident Member
Jessica Stephens, DO, John E. Schowalter Resident Member
Tashalee Brown, MD, PhD, AACAP Diversity, Equity, and Inclusion Emerging Leader Fellow
Heidi B. Fordi, CAE, Executive Director/CEO

Research Committee Roster
Daniel P. Dickstein, MD, Co-chair
Manpreet K. Singh, MD, MS, Co-chair
Abidemi Adegbola, MD
David Cochran, MD, PhD
Rasim Somer Diler, MD
Kate D. Fitzgerald, MD
Lisa R. Fortuna, MD, MPH
Anne L. Glowinski, MD, MPE
Kevin M. Gray, MD
Ellen J. Hoffman, MD, PhD
Leslie Hulvershorn, MD, MSc
Kevin M. Simon, MD
Jeremy Veenstra-VanderWeele, MD

AACAP Staff
Carmen J. Thornton, MPH, MCHES, Director of Research, Grants, & Workforce
Sarah Hellwege, MEd, Deputy Director of Research, Training, & Education
Daphney Chancy-Green, MS, Grants & Research Program Manager
Dear Supporters, Awardees, and Guests,

On behalf of the American Academy of Child and Adolescent Psychiatry (AACAP) and AACAP’s Research Committee, we extend our sincere thanks for your generous support and participation in AACAP’s Research Awards Programs. As we now strive to move beyond three years of the COVID-19 global pandemic whose direct and indirect effects on the physical, financial, and emotional well-being of children and families as yet to be fully realized, the need has never been more clear for substantial partnership among clinicians, parents, researchers, funders, and industry. Together, we are forging pathways for innovative research that can create better and more accessible ways to diagnose and to treat children, adolescents, young adults, and families struggling with mental health—so that their future, and ours, is brighter than today.

We gratefully acknowledge AACAP’s past and current supporters, Arbor Pharmaceuticals, LLC, Pfizer Inc., PhRMA, Sunovion Pharmaceuticals, Inc., and Supernus Pharmaceuticals, Inc. We look forward to continuing our relationships and developing new ones in the coming time. You will find in the enclosed report updates on the accomplishments, programs, and activities of the Research Committee.

The Research Committee-sponsored award programs enable child and adolescent psychiatrists of all levels—from early-career investigators to senior faculty—to get involved with advancing science in our field. We have achieved success on many levels over the past year, but we continue to face the significant challenge of preparing a greater number of child and adolescent psychiatrists (CAPs) to conduct important research necessary to improve health outcomes for youth, and to advance our field—from autism to suicide, from novel medications and psychotherapeutic interventions to brain-stimulatory treatments, from genetics to neuroimaging to epidemiology. Your valuable support has allowed us to further our work in these areas by:

- Addressing the critical workforce shortage of national child psychiatry researchers through training endeavors, Pilot Research Awards, Junior Investigator Awards, an annual Research Colloquium and Mentoring Mingle; and
- Disseminating evidence-based practices to child and adolescent psychiatrists, allied mental health professionals, and primary care practitioners through our annual Research Institute, Research Symposium, and other educational programs in collaboration with other AACAP committees.

We are eager to do even more. This will be our fifth year implementing a career development colloquium for promising clinician researchers at AACAP’s Annual Meeting. This exciting endeavor continues to be a popular and successful mechanism to mentor and track the progress of the next generation of child psychiatry clinician scientists, with growing efforts to recruit child and adolescent psychiatrists from backgrounds traditionally under-represented in funded scientific research. We are grateful for potential collaborators and sponsors who want to help us grow this event and cohort of resultant researchers.

We thank you for your commitment and partnership to further research training, implementation, and dissemination in child and adolescent psychiatry and welcome your thoughts and ideas at the 2023 Research Committee Meeting, and, of course, on an ongoing basis.

Sincerely,

Daniel P. Dickstein, MD                 Manpreet K. Singh, MD, MS
Co-chairs, AACAP’s Research Committee
Dear Supporters, Awardees, and Guests,

On behalf of AACAP’s Pilot Research Award Program, we want to sincerely thank you for your continued support of this essential training program for early investigators in the field of child and adolescent psychiatry. We would like to specifically acknowledge the generous support of Supernus Pharmaceuticals, Inc. for contributing to AACAP’s Pilot Research Awards in 2022.

AACAP’s Pilot Research Award Program provides general psychiatry residents, child and adolescent psychiatry fellows and early career faculty up to $15,000 for one year of support for research on child and adolescent mental health. Since 1993, more than 230 promising young investigators have received pilot research awards to support their early academic career trajectory. Based on a 2022 search of the National Institutes of Health (NIH) RePORTER database, over 30% of past Pilot Research Award recipients have gone on to secure funding from NIH. Of the awards funded by NIH, 31% were K (career development) mechanisms and 69% were R awards, indicating independence in research. This year, it was especially encouraging to see an increased number of well-qualified applicants for a competitive selection process. We received 23 complete applications, representing a wide diversity of candidates, institutions, and research areas. We welcome you to view poster presentations of past Pilot Award recipients who completed their projects in 2023 during the AACAP 2023 Annual Meeting.

Sincerely,

David Cochran, MD, PhD                Abidemi Adegbola, MD
AACAP Pilot Award Program Co-chairs
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Overview of AACAP’s Research Committee</strong></td>
</tr>
<tr>
<td>Committee Charge</td>
</tr>
<tr>
<td>Executive Overview</td>
</tr>
<tr>
<td>Research, Grants, and Workforce Portfolio</td>
</tr>
<tr>
<td>Research Committee: Revenue and Expenditures</td>
</tr>
<tr>
<td><strong>Award Programs and Activities</strong></td>
</tr>
<tr>
<td>Junior Investigator Award: How it Works</td>
</tr>
<tr>
<td>Junior Investigator Award: Research and Careers</td>
</tr>
<tr>
<td>Junior Investigator Award: Recipients</td>
</tr>
<tr>
<td>Pilot Research Award: How it Works</td>
</tr>
<tr>
<td>Pilot Research Award: Research and Careers</td>
</tr>
<tr>
<td>Pilot Research Award: Recipients</td>
</tr>
<tr>
<td>From AACAP’S Pilot Award to AACAP’s K12 Award</td>
</tr>
<tr>
<td><strong>Research Institute</strong></td>
</tr>
<tr>
<td><strong>Research Symposium</strong></td>
</tr>
<tr>
<td><strong>Research Colloquium</strong></td>
</tr>
<tr>
<td><strong>Other Information</strong></td>
</tr>
<tr>
<td>Research Committee Roster</td>
</tr>
<tr>
<td>AACAP Research Program Sponsors</td>
</tr>
</tbody>
</table>
AACAP’s Research Committee is responsible for the leadership and direction of AACAP’s research-related programs and awards, devoted to advancing medical science for the benefit of mentally ill youth.

**Goals and Responsibilities:**

- To promote the application of a wide variety of methods from a broad array of scientific disciplines to the study of diagnosis and treatment of mental illness in children and adolescents.
- To develop and disseminate information about mental illness and its treatment to patients, providers, research, and policy makers.
  - **Responsibilities:**
    - To plan and promote the Research Institute and Research Symposium at the Annual Meeting.
- To facilitate junior scientists to enter, develop, and sustain research careers.
  - **Responsibilities:**
    - To administer the selection processes each year for the Junior Investigator Award, the AACAP Pilot Research Award, the AACAP Pilot Research Award for Attention Disorders, and the AACAP Pilot Research Award for Learning Disabilities. The availability of all awards is contingent upon adequate funding.
    - To plan and promote the Research Colloquium.
- To shape research policy pertaining to research in child and adolescent psychiatry.
- To stimulate, build, and sustain collaboration with other AACAP committees.

**Yearly Activities of the Research Committee**

- Serve as an informal peer oversight committee for AACAP research award programs
- Work to address current issues facing child and adolescent psychiatry
- Meet virtually once per month
- Meet face-to-face once per year
- Attend research-related meetings on an as-needed basis
In 2023 the Research Committee focused on...

- Increasing the number of child and adolescent psychiatry researchers through mentored research awards.
- Supporting early career investigators in becoming independent researchers through the Research Colloquium for Early Career Investigators and the Mentoring Mingle.
- Providing professional development and continuing education to AACAP members through the AACAP Research Institute, the Research Symposium, and other Annual Meeting programming.
- Distributing information to the AACAP membership and the public on issues relevant to research.
- Collaborating with AACAP committees to broaden the child and adolescent psychiatry workforce pipeline and encourage a network of CAP researchers.

There is a critical workforce shortage of child and adolescent psychiatrists in the US. The number of psychiatrists spending a majority of their time performing research into child and adolescent mental health has reached a level of crisis for the future of this field. Some of the obstacles include:

- Increased financial debt due to additional education needed for the medical specialization.
- Lack of funded protected time for research related to child and adolescent mental health.
- An insufficient amount of residency training positions at the nation’s teaching hospitals.

AACAP’s Department of Research, Grants, and Workforce strives to prepare the future child and adolescent psychiatry workforce through research training, clinical training, mentorship, and professional networking. Some of the solutions supported include:

- Exploring new funding streams for research awards made possible by private organizations, federal agencies, and industry contacts.
- Offering numerous funded award programs that provide training opportunities for AACAP members.
- Offering ways to be cross-trained in pediatric and psychiatric care, such as the Triple Board Program.
AACAP’S RESEARCH, GRANTS, & WORKFORCE
RESEARCH AWARD PORTFOLIO
* DENOTES OVERSIGHT BY RESEARCH COMMITTEE

M ED I C A L  S T U D E N T S

AACAP Summer Medical Student Fellowship Program, supported by AACAP’s
Campaign for America’s Kids Break the Cycle Initiative and the Greater Worcester
Foundation
- Oversight by the Training and Education Committee and Committee on Medical Students
  and Residents
- $3,500 for a 12-week mentored summer research fellowship plus travel expenses to
  AACAP’s Annual Meeting
- Poster presentation at AACAP’s Annual Meeting

AACAP Jeanne Spurlock, MD, Research Fellowship in Substance Abuse and Addiction
for Minority Medical Students, supported by NIDA and AACAP’s Campaign for
America’s Kids
- Oversight by the Substance Use Committee and Diversity and Culture Committee
- $4,000 for a 12-week mentored summer research fellowship plus travel expenses to
  AACAP’s Annual Meeting
- Poster presentation at AACAP’s Annual Meeting

R E S I D E N T S  A N D  E A R L Y  C A R E E R  F A C U L T Y

AACAP Drs. Gabrielle and Harold Carlson Psychopharmacology Research Award (NEW in 2023)
- Oversight by the Psychopharmacology and Neurotherapeutics Committee
- $10,000 per year for a two-year mentored research project in the area of psychopharmacology, to include
  neurotherapeutics, with a focus on practical and investigative work toward treatment for children and
  adolescents
- Poster presentation at AACAP’s Annual Meeting

AACAP Junior Investigator Award, supported by AACAP and Industry Supporters*
- Oversight by the Research Committee
- $30,000 per year for a two-year mentored research project relevant to the understanding, treatment, and
  prevention of child and adolescent health disorders
- Poster presentation at AACAP’s Annual Meeting

AACAP Pilot Research Award for Early Career Faculty and Child and Adolescent Psychiatry Fellows,
supported by AACAP*; AACAP Pilot Research Award for Attention Disorders and/or Learning Disabilities,
supported by AACAP’s Elaine Schlosser Lewis Fund*; and AACAP Pilot Research Award for General
Psychiatry Residents, supported by Industry Supporters*
- Oversight by the Research Committee
- $15,000 for one-year mentored research project plus travel expenses to AACAP’s Annual Meeting
- Poster presentation at AACAP’s Annual Meeting

NIDA/AACAP Resident Training Award in Substance Use Disorders, supported by NIDA
- Oversight by the Substance Use Committee
- $10,000 for one-year mentored project aimed at the dissemination of substance use treatment research
  findings plus $2,000 mentor stipend
- Poster presentation at AACAP’s Annual Meeting

E A R L Y  C A R E E R  F A C U L T Y

NIDA/AACAP Physician Scientist Training Program in Substance Use, supported by a NIDA
Career Development Award (K12)
- Oversight by Program Director and Research Committee Member, Kevin Gray, MD, and an
  AACAP Advisory Committee
- $50,000 research support per year for five-year mentored research project in substance use
- Up to $100,000 per year salary support
- Submission of independent research grant prior to the end of the five-year project period
# AACAP Research Committee-Related Revenue and Expenditures

<table>
<thead>
<tr>
<th>Supporter</th>
<th>Revenue</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2019</td>
<td>2020</td>
<td>2021</td>
<td>2022</td>
</tr>
<tr>
<td>Arbor Pharmaceuticals, LLC</td>
<td>$15,000</td>
<td>$20,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Individual Contributions</td>
<td>$352</td>
<td>$1,550</td>
<td>$500</td>
<td>$500</td>
</tr>
<tr>
<td>Sunovion Pharmaceuticals, Inc.</td>
<td>$25,000</td>
<td>$25,000</td>
<td>$20,000</td>
<td></td>
</tr>
<tr>
<td>Supernus Pharmaceuticals, Inc.</td>
<td>$10,000</td>
<td></td>
<td>$5,000</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$40,352</strong></td>
<td><strong>$56,550</strong></td>
<td><strong>$5,500</strong></td>
<td><strong>$20,500</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program/Event</th>
<th>Expenditures</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2019</td>
<td>2020</td>
<td>2021</td>
<td>2022</td>
</tr>
<tr>
<td>Research Committee Dinner</td>
<td>$6,275</td>
<td>0</td>
<td>0</td>
<td>$5,762</td>
</tr>
<tr>
<td>Junior Investigator Award</td>
<td>$44,910</td>
<td>$43,187</td>
<td>$47,859</td>
<td>$7,797</td>
</tr>
<tr>
<td>Research Symposium</td>
<td>$5,991</td>
<td>$3,262</td>
<td>$2,448</td>
<td>$4,000</td>
</tr>
<tr>
<td>Research Committee</td>
<td>$25,929</td>
<td>$14,742</td>
<td>$19,509</td>
<td>$12,699</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$83,105</strong></td>
<td><strong>$61,191</strong></td>
<td><strong>$69,816</strong></td>
<td><strong>$30,258</strong></td>
</tr>
</tbody>
</table>
To increase the number of child and adolescent psychiatry researchers.

The Junior Investigator Award was created in 2009 to support AACAP members who are child and adolescent psychiatry researchers reach their goal of becoming independent researchers. Since 2009, AACAP has awarded 17 Junior Investigator Awards.

**Junior Investigator Award Goal:**

**History of Junior Investigator Award:**

The Junior Investigator Award was created in 2009 to support AACAP members who are child and adolescent psychiatry researchers reach their goal of becoming independent researchers. Since 2009, AACAP has awarded 17 Junior Investigator Awards.

**AACAP Junior Investigator Award Currently Supported by:**

**AACAP and Industry Supporters**

- Support of up to $30,000 per year for two years
- For child and adolescent psychiatry early career faculty (assistant professor level or equivalent)
- Intended to facilitate innovative research:
  - Basic or Clinical
- Relevant to the understanding, treatment, and prevention of child mental health disorders
- Funding support may be used for salary and fringe benefits, supplies, lab costs, etc. as long as they are in the service of the research project
- Recipients are required to submit a presentation on their research at AACAP’s Annual Meeting

**Evaluation of Program Success**

**Applicants**
- Submission of continuing project summary & budget
- Research Committee reviews summary & new applications
- Continued funding based on evaluation & progress to date

**Short-term**
- Marketing effort & return
- High response rate demonstrates program is fulfilling need in research community
- Success of previous awardees

**Long-term**
- Long-term development of a research career
- Number of additional grants received, presentations, & publications
- Survey evaluation of awardees
NIH-FUNDED GRANTS

- In July 2022, data was retrieved from the NIH Research Portfolio Online Reporting Tools Expenditure and Results (RePORTER) module to identify NIH-funded K, T, and R grants obtained by the past Junior Investigator awardees.

  - Of the 15 past recipients, **33%** had secured NIH-funded K, T, or R grants. Two recipients had secured more than 1 R grant.

**2022 Survey Results**

- In April 2022, 15 AACAP Junior Investigator Award recipients were solicited by email to participate in a brief survey to gain better insight into their career direction since receiving the award. Seven of the total number of past Junior Investigator Award recipients participated in the survey.

  - Recipients had been engaged in a broad spectrum of research. The most common area of research was anxiety (71%).

**100% believe the Junior Investigator Award was Highly Valuable in establishing their research career**
<table>
<thead>
<tr>
<th>Year</th>
<th>Award Recipient</th>
<th>Mentor(s)</th>
<th>Institution</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2023</td>
<td>Rana Elmaghraby, MD</td>
<td>Ernest Pedapati, MD, MS</td>
<td>Cincinnati Children’s Hospital Medical Center</td>
<td>Accelerated Theta Burst Stimulation For Treatment-Resistant Major Depressive Disorder in Autism Spectrum Disorders: A Sham-Controlled Pilot Study</td>
</tr>
<tr>
<td>2022</td>
<td>Sara B. VanBronkhorst, MD</td>
<td>Cristiane Duarte, PhD, MPH</td>
<td>Columbia University</td>
<td>Oxytocin, Mother-child Interactions and the Intergenerational Transmission of Risk and Resilience to ACEs in a Low-Resource Setting</td>
</tr>
<tr>
<td>2021</td>
<td>Jessica M. Becker, MD</td>
<td>Kenneth A. Freedberg, MD, MSc</td>
<td>Massachusetts General Hospital</td>
<td>Development of a Novel Mathematical Simulation Model of Pediatric Mental Illness and Applications to Assess Expanded Mental Health Coverage for the General Population and Children with Chronic Medical Illness</td>
</tr>
<tr>
<td>2020</td>
<td>Jennifer B. Dwyer, MD, PhD</td>
<td>Michael Bloch, MD, MS</td>
<td>Yale University</td>
<td>Ketamine for Severe Adolescent Depression: Intermediate-term Safety and Efficacy</td>
</tr>
<tr>
<td>2019</td>
<td>Christina Cruz, MD, MEd</td>
<td>Bradley N. Gaynes, MD, MPH</td>
<td>University of North Carolina</td>
<td>Acceptability of Children Receiving Task-shifted Mental Health Care from Teachers</td>
</tr>
<tr>
<td>2018</td>
<td>Heather M. Joseph, DO</td>
<td>Brooke Molina, PhD</td>
<td>University of Pittsburgh</td>
<td>Early Signals of Inattention in Toddlers at Familial Risk for ADHD</td>
</tr>
<tr>
<td>2017</td>
<td>Natalie Ramos, MD, MPH</td>
<td>Jeanne Miranda, PhD</td>
<td>University of California, Los Angeles</td>
<td>Resiliency Education for LGBT Adolescents with Depression and Parent/Caregiver Psychoeducation Group Proposal</td>
</tr>
<tr>
<td>2015</td>
<td>Ernest Pedapati, MD, MS</td>
<td>Donald Gilbert, MD, MS</td>
<td>Cincinnati Children’s Hospital Medical Center</td>
<td>Eye Tracking as a Predictor of Methylphenidate Response in Autism with Comorbid Attention Deficit Hyperactivity Disorder</td>
</tr>
<tr>
<td>2014</td>
<td>Roger Jou, MD, MPH, PhD</td>
<td>Kevin Pelphrey, PhD, &amp; Fred Volkmar, MD</td>
<td>Yale University</td>
<td>Neural Disconnectivity in Autism: Distinguishing Fact from Artifact in Diffusion Imaging</td>
</tr>
<tr>
<td>2014</td>
<td>Luis Patino Duran, MD, MS</td>
<td>Melissa DelBello, MD, MS</td>
<td>University of Cincinnati</td>
<td>Genetic Markers of Lithium Response for Acute Mania in Adolescents with Bipolar Disorder</td>
</tr>
<tr>
<td>2013</td>
<td>Tamara L. Vanderwal, MD</td>
<td>Linda Mayes, MD, &amp; Francisco X. Castellanos, MD</td>
<td>Yale University School of Medicine Child Study Center</td>
<td>Intrinsic Connectivity Networks in Young Children</td>
</tr>
<tr>
<td>2011</td>
<td>Ryan Herringa, MD, PhD</td>
<td>Ned H. Kalin, MD, &amp; Marilyn J. Essex, PhD</td>
<td>University of Wisconsin</td>
<td>Neural Substrates of Post-Traumatic Stress Disorder (PTSD) in Youth</td>
</tr>
<tr>
<td>2011</td>
<td>Ellen Hoffman, MD</td>
<td>Matthew W. State, MD, PhD, &amp; Antonio J. Giraldez, PhD</td>
<td>Yale University School of Medicine Child Study Center</td>
<td>Functional Analysis of the Autism Susceptibility Gene, Contactin Associated Protein-2 (CNTNAP2), in a Zebrafish Model System</td>
</tr>
<tr>
<td>2010</td>
<td>Michael Bloch, MD, MS</td>
<td>James Beckman, MD, &amp; Christopher Pittenger, MD, PhD</td>
<td>Yale University</td>
<td>Double-Blind, Placebo-Controlled Trial of N-acetylcysteine for Childhood Tourette Syndrome</td>
</tr>
<tr>
<td>2010</td>
<td>Craig Erickson, MD</td>
<td>Christopher McDougle, MD</td>
<td>Indiana University</td>
<td>Acamprosate in Youth with Autistic Disorder</td>
</tr>
<tr>
<td>2009</td>
<td>Evelyn Stewart, MD</td>
<td>David Pauls, PhD, &amp; Jordan Smoller, MD, MSc</td>
<td>Harvard University</td>
<td>Translational Application of Genome-Wide Data for Obsessive-Compulsive Disorder Across Development</td>
</tr>
<tr>
<td>2009</td>
<td>Jeremy Veenstra-VanWeele, MD</td>
<td>Randy Blakely, PhD</td>
<td>Vanderbilt University</td>
<td>Evaluating the SERT 56Ala Knock-In Mouse as a Model for Sensory Aversion in Autism</td>
</tr>
</tbody>
</table>
Establish a research group, the Global Child Mental Health Collaborative @ UNC (GCMHC), centered on developing, adapting, testing, and scaling her intervention, Tealeaf.

Collect preliminary data for a foundation-funded (Mariwala Health Initiative) powered Type 1 hybrid effectiveness-implementation cluster randomized trial.

Publish results that became convincing preliminary evidence for further grant funding.

Through this award, Dr. Cruz was able to:
- Establish a research group, the Global Child Mental Health Collaborative @ UNC (GCMHC), centered on developing, adapting, testing, and scaling her intervention, Tealeaf.
- Collect preliminary data for a foundation-funded (Mariwala Health Initiative) powered Type 1 hybrid effectiveness-implementation cluster randomized trial.
- Publish results that became convincing preliminary evidence for further grant funding.
Heather Joseph, DO

**Institution:** University of Pittsburgh  
**Project Title:** Early Signals of Inattention in Toddlers at Familial Risk for ADHD  
**Project Mentor:** Brooke Molina, PhD

Dr. Joseph is currently Assistant Professor of Psychiatry and Pediatrics at the University of Pittsburgh.

**Impact of Junior Investigator Award**

*Through this award, Dr. Joseph was able to:*
- Establish a research lab examining early signals of risk for developing ADHD
- Collect preliminary data for a NIMH K23 Mentored Career Development Award

**Dr. Joseph’s Honors and Awards**

**2021:**  
Brain Behavior Research Foundation NARSAD Young Investigator Award  
Society of Biological Psychiatry, Chair’s Choice Award

**Dr. Joseph’s Grant Support**

- **2022-2025:**  
  NIMH R34 Pilot Effectiveness Trial
- **2022-2023:**  
  Pittsburgh Foundation Award Department of Psychiatry’s Rising Star Award
- **2022-2024:**  
  Brain Behavior Foundation NARSAD Young Investigator Award
- **2021-2023:**  
  Pittsburgh Foundation Award Department of Psychiatry’s First Star Award
- **2020-2024:**  
  NIMH K23 Grant
- **2020-2021:**  
  The Children’s Hospital of Pittsburgh Foundation Award

**Number of Recent Publications:** 21
Natalie Ramos, MD, MPH

Institution: University of California, Los Angeles
Project Title: Resiliency Education for LGBTQ Adolescents with Depression and Parent/Caregiver Psychoeducation Group Proposal
Project Mentor: Jeanne Miranda, PhD

Dr. Ramos is currently Assistant Clinical Professor at University of California, Los Angeles David Geffen School of Medicine, Department of Psychiatry & Biobehavioral Sciences.

Impact of Junior Investigator Award

Through this award, Dr. Ramos was able to:
- Develop a novel group intervention for LGBTQ youth with depression
- Kick-start development of additional CBT-based interventions for LGBTQ youth and their families
- Gain knowledge and experience to apply for a NIH-funded K award

Dr. Ramos’ Honors and Awards

2023:
Southern California Super Doctors Rising Stars

2021-present:
American Academy of Child and Adolescent Psychiatry and National Institute on Drug Abuse (NIDA) Physician Scientist Program in Substance Use (K12DA000357)

2021:
Los Angeles’ Top Doctors

2019-present:
AACAP’s Sexual Orientation & Gender Identity Issues Committee Co-Chair

Dr. Ramos’ Grant Support

2023-present:
California Department of Health Services CalHOPE, Together for Wellness (Co-I)

2021-present:
American Academy of Child and Adolescent Psychiatry and National Institute on Drug Abuse (NIDA) Physician Scientist Program in Substance Use (K12DA000357)

Number of Recent Publications: 14
Dr. Ernest Pedapati’s Honors and Awards

2019-Present:
Cincinnati Children’s Center for Clinical & Translational Science & Training Pilot Translational Research Award

2019-present:
FRAXA Research Foundation Fellowship Award

2018:
Resident Psychotherapy Supervisor of the Year Award

2017:
Developmental and Behavioral Pediatrics, Champion Award

2014-present:
National Institutes of Health Loan Repayment Program

Dr. Ernest Pedapati’s Grant Support

2023:
Perturbation of Neurodynamics Underlying Sensory Hyperarousal and Statistical Learning in Youth with FXS, pending funding by NICHD

2019-present:
Co-PI on FMRI Gene Therapy for Fragile X Syndrome, funded by the Center for Genetics Accelerator Project

2017-2022:
PI on Anomalous Sensorimotor Physiology in Fragile X Syndrome (K23), funded by the NIMH for $185,088/year

2016-present:
Mechanisms and Brain Circuits Underlying Fragile X Syndrome. (Fragile X U54 Center Grant), funded by NIMH

Number of Recent Publications: 28

Impact of Junior Investigator Award

Through this award, Dr. Pedapati was able to:

• Obtain critical seed funding for an ambitious research project and develop a mentorship team.
• Set up the infrastructure of a lab and learn how to execute a combination clinical drug trial and neurophysiological study
• Reach an excellent position to apply for and obtain a K23 early in his career
**Institution:** University of Wisconsin School of Medicine and Public Health Center  
**Project Title:** Neural Substrates of Post-Traumatic Stress Disorder (PTSD) in Youth  
**Mentors:** Ned H. Kalin, MD, and Marilyn J. Essex, PhD

Dr. Herringa is currently the University of Wisconsin Health Professor in Child and Adolescent Psychiatry and Director of the Division of Child and Adolescent Psychiatry at the UW School of Medicine and Public Health.

**Impact of Junior Investigator Award**

Through this award, Dr. Herringa was able to:
- Use brain imaging (fMRI) to characterize functional brain abnormalities during emotion processing in pediatric PTSD
- Map structural and functional neurodevelopment in pediatric PTSD as compared to typically developing youth

**Dr. Herringa’s Honors and Awards**

2021: Associate member, ACNP  
2018: Distinguished Fellow, AACAP

**Dr. Herringa’s Grant Support**

2023-2025:  
MPI on Nurturing compassionate responding towards oneself and others through the caregiver-child relationship: A Response to the youth mental health crisis, funded by a Mind & Life Institute PEACE Grant for $100,000

2022-2027:  
PI on The impact of early life adversity on brain network development in youth, funded by the NIMH for $1.88m

2019-2024: Principal Investigator (PI) on Neurobehavioral Mechanisms of Parent-Child Extinction Learning in Adolescent PTSD (R01), funded by the NIMH for $650,000/year

2018-2023: PI on Normative and Atypical Trajectories of Cognitive-Emotional Development in Adolescence (R01), funded by the NIMH for $650,000/year

2020-2025: Co-Investigator (Co-I) on Acute predictors of long-term post-trauma outcomes in youth victims of violence (R01), funded by the NIMH

2019-2024: Co-I on Computational Biases of Learning and Decision-Making in PTSD (R01), funded by the NIMH

2020-2022: Co-I on Dopamine Enhancement of Fear Extinction Learning in PTSD (R33), funded by the NIMH

**Number of Recent Publications:** 45
Dr. Hoffman’s Honors and Awards

2021: Yale Program for the Promotion of Interdisciplinary Science (POINTS) Award
2020: Associate Member, American College of Neuropsychopharmacology
2020: Swebilius Foundation Grant Award
2018: Zebrafish Disease Models Society Conference Award
2017: Spector Fund Award, Yale Department of Neuroscience
2016: Ruth York, Myron Drazen, and Frederick Frank Award, National Genetics Foundation
2016: Kavli Foundation Pilot Research Award
2016, 2018, 2019, 2021: Yale Child Study Center Junior Faculty Development Fund Award

Number of Recent Publications: 25

Note: Dr. Hoffman was funded solely in the second year of the Junior Investigator Award by the K08 Mentored Clinical Scientist Research Award.

Dr. Hoffman’s Grant Support

2023-2028: PI of Multi-PI R01 Grant: High-throughput in vivo and in vitro functional and multi-omics screens of neuropsychiatric and neurodevelopmental disorder risk genes, funded by the NIMH
2018-2022: PI on High-throughput functional analysis of autism risk genes (R01), funded by the NIMH
2018-2022: PI on Modeling Autism Risk Genes in Zebrafish, funded by the Binational Science Foundation
2018-2021: PI on Translating Drug Discovery in Zebrafish and Mouse Models of ASD Risk Genes, funded by the Simons Foundation
2017-2019: PI on Identifying Neural Circuit Mechanisms in Autism Spectrum Disorders, funded by The Kavli Foundation
2017-2018: PI on Discovering Neural Mechanisms of Sodium Channel Gene Mutations in a Zebrafish Model, funded by the Swebilius Foundation
2015-2017: PI on High-throughput drug discovery in zebrafish models of ASD risk genes, funded by SFARI
Dr. Bloch’s Honors and Awards

**2022**: Samuel Ritvo Teaching Award for Outstanding Teaching from the Child Psychiatry Fellows at the Yale Child Study Center

**2015-present**: Research Review Editor, *Journal of Child Psychology and Psychiatry*

**2015**: Samuel Ritvo Teaching Award for Outstanding Teaching from the Child Psychiatry Fellows at the Yale Child Study Center

**2013**: AACAP Norbert and Charlotte Rieger Award for Scientific Achievement

**2010**

**Institution**: Yale University

**Project Title**: Double-Blind, Placebo-Controlled Trial of N-acetylcysteine for Childhood Tourette Syndrome

**Mentors**: James Beckman, MD, and Christopher Pittenger, MD, PhD

Dr. Bloch is currently an Associate Professor in the Yale Child Study Center, Associate Director of the Albert J. Solnit Integrated Training Program, and Co-Director of the Tic and OCD Program.

Impact of Junior Investigator Award

*Through this award, Dr. Bloch was able to:*

- Fund his first clinical trial examining the efficacy of N-acetylcysteine for Tourette syndrome, helping him launch his career in pediatric psychopharmacology
- Meet with many more experienced research investigators that were part of the research committee, whose advice and collaboration remains critical in his academic career

Dr. Bloch’s Grant Support

**2022-present**: A Short-term Exploratory Study to Evaluate Safety, Tolerability and Pharmacokinetics of Seltorexant as Adjunctive Therapy to Antidepressants in Adolescents With Major Depressive Disorder Who Have an Inadequate Response to SSRI Monotherapy and Psychotherapy, funded by Janssen Research & Development, LLC

**2020-present**: Ketamine for Adolescent Suicidality, funded by NIH

**2019-present**: Longitudinal Study of Adulthood Outcome in Children with Tourette Syndrome, funded by NIMH

**2018-present**: Study to Evaluate the Efficacy and Safety of 3 Fixed Doses of Intranasal Esketamine in Addition to Comprehensive Standard of Care for the Rapid Reduction of the Symptoms of Major Depressive Disorder, Including Suicidal Ideation, in Pediatric Participants Assessed to be at Imminent Risk for Suicide, funded by Janssen Research & Development, LLC

**Number of Recent Publications**: 230
Dr. S. Evelyn Stewart, MD

**Institution:** Harvard University  
**Project Title:** Translational Application of Genome-Wide Data for Obsessive-Compulsive Disorder Across Development  
**Mentors:** David Pauls, PhD, and Jordan Smoller, MD, MSc

Dr. Stewart is currently Professor of Psychiatry at the University of British Columbia, Medical Director of Provincial OCD Program, Research Director for the Centre for Mindfulness at BC Children’s Hospital, and Director of Brain Behavior and Development Research at BC Children’s Hospital Research Institute.

---

**Impact of Junior Investigator Award**

*Through this award, Dr. Stewart was able to:*
- Observe other clinical research labs through mentorship
- Learn genomic analysis techniques
- Establish a foundation of skills that enabled stepping into her current leadership roles

---

**Dr. Stewart's Honors and Awards**

**2023:** Awarded Distinguished Achievement Award for Excellence in Service to the University and Community, UBC Faculty of Medicine  
**2022:** Nominated for John McNeill Excellence in Health Research Mentorship Award, UBC  
**2022:** Nominated for YWCA Women of Distinction Award Program, YWCA Metro Vancouver  
**2021:** Awarded BC Children’s Hospital Research Institute Geoffrey L. Hammond Lectureship  
**2020:** Awarded Leading Practice Status in the recent review of Child & Adolescent Psychiatry Training Program by the Royal College of Physicians and Surgeons of Canada (for research symposium for trainees)  
**2020:** Outstanding Academic Performance (OAP) status awarded by the Department Head of Psychiatry at UBC  
**2020:** Nominated to speak at the Canadian Parliamentary Health Research Caucus  
**2020:** Awarded Top Reviewer for outstanding service as a Journal of Child Psychology and Psychiatry reviewer  
**2019:** First female child and adolescent psychiatrist to reach the rank of full academic-track professor at UBC

---

**Dr. Stewart's Grant Support**

**2023:** UBC Psychiatry Stimulus Grant  
**2022-2025:** Social Sciences and Humanities Research Council Partnership Development Grant  
**2022-2024:** BB&D Catalyst Grant  
**2022-2023:** CIHR Operating Grant  
**2021-present:** BC Children’s Hospital Foundation Private Donor  
**2021-2022:** BC Children’s Hospital Foundation  
**2021-2022:** CIHR Operating Grant  
**2020-2023:** BC Children’s Hospital Research Institute  
**2019-present:** Private Donor Funding

**Number of Recent Publications:** 144
Dr. Veenstra-VanderWeele is currently Murphy Professor of Developmental Neuropsychiatry and Director of Child and Adolescent Psychiatry, Columbia University and New York State Psychiatric Institute.

**Impact of Junior Investigator Award**

*Through this award, Dr. Veenstra-VanderWeele was able to:*
- Develop a line of research that has yielded manuscripts in *PNAS*, *Neuropsychopharmacology*, *Autism Research*, and the *Journal of the American Academy of Child and Adolescent Psychiatry*
- Fund his first R01 in 2011 and a subsequent Simons Foundation Award in 2019
- Develop a new line of work that he continues to pursue that showed that the maternal serotonin system impacts offspring neurodevelopment. He recently received an NIH R21 grant to test these findings in a human infant cohort study.

---

**Dr. Veenstra-VanderWeele's Honors and Awards**

**2017:** American Psychiatric Association Blanche F. Ittleson Award for Research in Child and Adolescent Psychiatry

**2014:** University of Chicago Irving B. Harris Memorial Lecture in Child and Adolescent Psychiatry

**2013:** Vanderbilt Chancellor’s Award for Research

**2011-2016:** NIMH Biobehavioral Research Award for Innovative New Scientists

---

**Dr. Veenstra-VanderWeele's Grant Support**

**2019-2021:** Impact of the Maternal Serotonin System on Neurodevelopment, funded by the Simon’s Foundation for $200,000

**2017-2022:** Investigation of EAAT3 in OCD Pathophysiology, funded by the NIH for $1,853,425

**2017-2020:** Effects of AFQ056 on Language Learning in Young Children with Fragile X Syndrome (FXS), funded by the NIH for $187,928

**2017-2020:** Translational Research Training in Child Psychiatry, $1,210,500

**Number of Recent Publications:** 126
### AACAP PILOT RESEARCH AWARD: HOW IT WORKS

**Award Goal:** To help early investigators launch successful careers in pediatric mental health research.

**History:**
- The first Pilot Award was awarded in 1993.
- Since 1993, AACAP has awarded 235 Pilot Awards.

<table>
<thead>
<tr>
<th>AACAP Pilot Research Awards for Attention Disorders and Learning Disabilities Supported by: AACAP’s Elaine Schlosser Lewis Fund</th>
<th>AACAP Pilot Research Awards for Early Career Faculty and Child and Adolescent Psychiatry Fellows, Supported by: AACAP’s General Operating Funds</th>
</tr>
</thead>
</table>
| • Encourages a future career in child and adolescent psychiatry research  
• Provides up to $15,000 of funding for child and adolescent psychiatry fellows and junior faculty who have an interest in beginning a career in child and adolescent mental health research, with topics related to attention disorders and/or learning disabilities  
• Supports young investigators at a critical stage in their careers | • Encourages a future career in child and adolescent psychiatry research  
• Provides up to $15,000 of funding for child and adolescent psychiatry fellows and junior faculty who have an interest in beginning a career in child and adolescent mental health research  
• Supports young investigators at a critical stage in their careers |

<table>
<thead>
<tr>
<th>AACAP Pilot Research Awards for General Psychiatry Residents Supported by: Industry Supporters</th>
<th></th>
</tr>
</thead>
</table>
| • Reduces the shortage in clinical researchers by supporting young investigators engaging in mental health research programs  
• Provides up to $15,000 of funding for pilot research  
• Supports young investigators at a critical stage in their careers |  |
NIH-FUNDED GRANTS

- In July 2022, data was retrieved from the NIH Research Portfolio Online Reporting Tools Expenditure and Results (RePORTER) module to identify NIH-funded K, T, and R grants obtained by the past Pilot Research awardees.

- Of the past recipients, 31% had secured NIH-funded K, T, or R grants, for a total of 172 federal grants. Of those who had obtained funding, 49% had secured multiple NIH-funded K, T, or R grants.

2022 Survey Results

- In April 2022, 213 AACAP Pilot Award recipients were solicited by email to participate in a brief survey to gain better insight of their career direction since receiving the award. A robust response rate was received. Forty-three percent (91) of the total number of past Pilot Award recipients participated in the survey.

- Recipients had been engaged in a broad spectrum of research. The most common area of research was ADHD.

91% believe the Pilot Research Award was Highly Valuable or Valuable in establishing their research career
The AACAP Pilot Research Awards for Attention Disorders and/or Learning Disabilities, supported by AACAP’s Elaine Schlosser Lewis Fund, offer up to $15,000 in research funding support to child and adolescent psychiatry residents and junior faculty who have an interest in starting a research career. The awards are in memory of Elaine Schlosser Lewis and specifically focus on research in attention disorders and learning disabilities.

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Recipient</th>
<th>Mentor(s)</th>
<th>Institution</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2023</td>
<td>Margaret Yau, MD, MS</td>
<td>Takesha J. Cooper, MD, MS</td>
<td>University of California, Riverside School of Medicine</td>
<td>Using Community-Based Participatory Research to Promote Early Identification of ADHD in Diverse Communities</td>
</tr>
<tr>
<td>2022</td>
<td>Tashalee R. Brown, MD, PhD</td>
<td>John N. Constantino, MD</td>
<td>Washington University School of Medicine</td>
<td>Racial/Ethnic Disparities in Genetic Testing of Psychiatric Patients with Intellectual Disability and Severe Mental Illness</td>
</tr>
<tr>
<td>2022</td>
<td>Gabrielle E. Hodgins, MD</td>
<td>Bradley N. Gaynes, MD, MPH, &amp; Larry J. Barnhill, MD</td>
<td>University of North Carolina at Chapel Hill</td>
<td>The Effects of Guanfacine on Quality of Life and Parental Stress in Children with Intellectual Disabilities: A Prospective Pilot Study</td>
</tr>
<tr>
<td>2021</td>
<td>Ritvij M. Satodiya, MD</td>
<td>Akhgar Ghassabian, MD, PhD &amp; Francisco X. Castellanos, MD</td>
<td>New York University</td>
<td>Exposure to Exogenous Cannabinoids in Prenatal Periods and Early Childhood: Importance of Identifying Critical Windows for Brain Influences</td>
</tr>
<tr>
<td>2021</td>
<td>Robyn P. Thom, MD</td>
<td>Christopher J. McDougle, MD</td>
<td>Massachusetts General Hospital</td>
<td>Effect of Childhood Attention-Deficit/Hyperactivity Disorder on Substance Use Disorder Risk in Adolescents with Autism Spectrum Disorder</td>
</tr>
<tr>
<td>2020</td>
<td>Alison M. Duncan, MD</td>
<td>Andrea Spencer, MD</td>
<td>Boston University School of Medicine, Boston Medical Center</td>
<td>Understanding Parent-Child Communication in the Context of ADHD</td>
</tr>
<tr>
<td>2019</td>
<td>Anjali Laxmi Varigonda, MD</td>
<td>Mary O’Connor, PhD, ABPP &amp; Jennifer Levitt, MD</td>
<td>University of California, Los Angeles</td>
<td>Exergaming Using Obie® and its Effect in Improving Executive Function Deficits in Children With</td>
</tr>
<tr>
<td>2019</td>
<td>Alecia Vogel-Hammen, MD, PhD</td>
<td>Joan Luby, MD</td>
<td>Washington University</td>
<td>Preschool-Age Observations of Dysregulated Positive Affect and Parent-Reported Dysregulation in Positive Affect Predict Overall Adolescent Emotion Dysregulation</td>
</tr>
<tr>
<td>Year</td>
<td>Award Recipient</td>
<td>Mentor(s)</td>
<td>Institution</td>
<td>Project Title</td>
</tr>
<tr>
<td>------</td>
<td>-----------------------</td>
<td>----------------------------</td>
<td>----------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>2018</td>
<td>Joel Bernanke, MD, MSc</td>
<td>Jonathan Posner, MD</td>
<td>Research Foundation for Mental Hygiene, Inc</td>
<td>Impulsivity and Prediction Error Circuits in Children with Attention Deficit Hyperactivity Disorder</td>
</tr>
<tr>
<td>2018</td>
<td>Andrea Diaz-Stransky, MD</td>
<td>Denis Sukhodolsky, PhD</td>
<td>Yale University</td>
<td>Online Parent Training for Disruptive Behaviors: Increasing Access to Care</td>
</tr>
<tr>
<td>2017</td>
<td>Erica Greenberg, MD</td>
<td>Sabine Wilhelm, PhD</td>
<td>Massachusetts General Hospital</td>
<td>Modified Comprehensive Behavioral Intervention for Tics: Treating Children with Tic Disorders, Co-occurring ADHD and Psychosocial Impairment</td>
</tr>
<tr>
<td>2017</td>
<td>Erik Paschall, MD, MPH</td>
<td>Bonnie Zima, MD, MPH</td>
<td>UCLA Semel Institute for Neuroscience and Human Behavior</td>
<td>Opportunities and Challenges in Using a Mobile Health (mHealth) Intervention to Optimize Early Stimulant Treatment in Children With ADHD: Findings From the MH-2™ Pilot</td>
</tr>
<tr>
<td>2016</td>
<td>Naser Ahmad, MD, PhD</td>
<td>Robert Pynoos, MD</td>
<td>University of California, Los Angeles</td>
<td>Trial of Positive Psychiatry in Comorbid Attention Deficit Hyperactive Disorder with Posttraumatic Stress Disorder</td>
</tr>
<tr>
<td>2016</td>
<td>Ryan Sultan, MD</td>
<td>Mark Olfson, MD, MPH</td>
<td>Columbia University</td>
<td>Cohort Analysis of Antipsychotic Treatment in Attention-Deficit/ Hyperactivity Disorder</td>
</tr>
<tr>
<td>2015</td>
<td>Ismail Badran, MD</td>
<td>Craig Erickson, MD</td>
<td>Cincinnati Children's Hospital Medical Center</td>
<td>TDCS Enhancement of Executive Function in Children with Down Syndrome Open-Label Trial of Transcranial Direct Current Stimulation Enhancement of Executive Function in Children with Down Syndrome</td>
</tr>
<tr>
<td>2015</td>
<td>Heather M. Joseph, DO</td>
<td>Brooke Molina, PhD</td>
<td>University of Pittsburgh Medical Center/Western Psychiatric Institute and Clinic</td>
<td>Familial Transmission of Attention-Deficit/Hyperactivity Disorder: A Pilot Study of Fathers With Attention-Deficit/Hyperactivity Disorder and Their Young Children</td>
</tr>
<tr>
<td>2015</td>
<td>Chuanzhong Ye, MD, PhD</td>
<td>Donald J. Newport, MD, MS, MDiv</td>
<td>University of Miami Miller School of Medicine/Jackson Health System</td>
<td>Gut Microbial Community Structure and ADHD: A Pilot Case Control Study</td>
</tr>
<tr>
<td>2014</td>
<td>Argelinda Baroni, MD</td>
<td>F. Xavier Castellano, MD</td>
<td>New York University</td>
<td>Arousal and Cognitive Variability in ADHD: A Pilot Pupillometry Study</td>
</tr>
<tr>
<td>2014</td>
<td>Venkat Bhat, MD</td>
<td>Sarojini Sengupta, PhD</td>
<td>McGill University</td>
<td>Epigenetic Modifications Induced By Maternal Smoking During Pregnancy In Children With ADHD</td>
</tr>
</tbody>
</table>
The AACAP Pilot Research Awards for Early Career Faculty and Child and Adolescent Psychiatry Fellows, supported by AACAP, offer up to $15,000 in research funding support to child and adolescent psychiatry residents and junior faculty who have an interest in starting a research career.

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Recipient</th>
<th>Mentor(s)</th>
<th>Institution</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2023</td>
<td>Tanner Bommersbach, MD, MPH</td>
<td>Osama Abulseoud, MD</td>
<td>Mayo Clinic</td>
<td>Does psychosocial treatment of disruptive behavior problems in young children reduce future substance use? Examination of a large birth cohort</td>
</tr>
<tr>
<td>2023</td>
<td>Sherab Tsheringla, MD</td>
<td>James C. McPartland, PhD</td>
<td>Yale University</td>
<td>Developing biomarkers for the neuromodulation of rumination in depressed autistic youth</td>
</tr>
<tr>
<td>2023</td>
<td>Cecilia Westbrook, MD, PhD</td>
<td>Cecile Ladouceur, PhD</td>
<td>University of Pittsburgh</td>
<td>Adaptation of an fMRI Perseverative Thought Disengagement Task</td>
</tr>
<tr>
<td>2023</td>
<td>Josh Wortzel, MD</td>
<td>Nicole R. Nugent, PhD</td>
<td>Brown University</td>
<td>Climate Distress in Psychiatrically Hospitalized Adolescents</td>
</tr>
<tr>
<td>2023</td>
<td>Bryan Yoon, MD</td>
<td>Moriah E. Thomason, PhD</td>
<td>New York University</td>
<td>Examination of the association between brain iron and externalizing and internalizing symptomology in youth</td>
</tr>
<tr>
<td>2022</td>
<td>Amanda Downey, MD</td>
<td>Erin C. Accurso, PhD</td>
<td>University of California San Francisco</td>
<td>Medicaid-Insured Youth With Eating Disorders: Health Disparities And Service Utilization</td>
</tr>
<tr>
<td>2022</td>
<td>Stefanie Gillson, MD</td>
<td>Melissa Walls, PhD</td>
<td>Yale University</td>
<td>Cultural Connectedness and Mental Health Trajectories in Indigenous Youth Displaced from Home</td>
</tr>
<tr>
<td>2022</td>
<td>Madeline Jansen, MD, MPH</td>
<td>Sheryl Kataoka, MD, MSHS, &amp; Helena Hansen, MD, PhD</td>
<td>Washington University in St. Louis</td>
<td>An Investigation of Multiracial Identity Development and Mental Health</td>
</tr>
<tr>
<td>2022</td>
<td>Justin B. Steinfield, MD, PhD</td>
<td>Jonathan A. Javitch, MD, PhD</td>
<td>NewYork-Presbyterian/ Columbia &amp; Cornell University</td>
<td>New Potential Pharmacological Targets for Childhood Psychiatric Disorders Through Differential Modulation of Glutamate Receptors</td>
</tr>
<tr>
<td>2022</td>
<td>Halide B. Turkozer, MD</td>
<td>Ongur Dost, MD, PhD</td>
<td>Massachusetts General Hospital</td>
<td>Structure of Visual Cortex Subregions in Youth at Clinical High Risk for Psychosis</td>
</tr>
<tr>
<td>2021</td>
<td>Ankit Chalia, MD</td>
<td>Christopher Hammond, MD, PhD, &amp; Cynthia Fontanella, PhD</td>
<td>Children's National Hospital</td>
<td>Examine The Impact Of Cannabis Use Disorders On Risk Of Inpatient Psychiatric Hospitalization And 90-day Rehospitalization Related To Suicidal Thoughts And Behaviors Among U.S. Adolescent And Young Adults With Mood Disorders</td>
</tr>
<tr>
<td>2021</td>
<td>Alissa D. Hemke, MD</td>
<td>Brent R. Collett, PhD, &amp; Cindy Ola, PhD</td>
<td>University of Washington</td>
<td>Extending Evidence-Based Treatments in Rural Communities</td>
</tr>
<tr>
<td>2021</td>
<td>Amandeep Jutla, MD</td>
<td>Jeremy Veenstra-VanderWeele, MD, &amp; Wendy K. Chung, MD, PhD</td>
<td>Columbia University</td>
<td>Harnessing Insights From a Rare Genetic Variant to Understand Psychosis in Autism</td>
</tr>
<tr>
<td>Year</td>
<td>Award Recipient</td>
<td>Mentor(s)</td>
<td>Institution</td>
<td>Project Title</td>
</tr>
<tr>
<td>------</td>
<td>-----------------</td>
<td>-----------</td>
<td>-------------</td>
<td>---------------</td>
</tr>
<tr>
<td>2021</td>
<td>Jelena G. MacLeod, MD, MHS</td>
<td>Andrea G. Asnes, MD, MSW, &amp; Pamela E. Hoffman, MD</td>
<td>Yale School of Medicine</td>
<td>Harnessing Electronic Medical Record Data to Examine the Association Between Adverse Childhood Experiences, Medical Morbidity, and Healthcare Utilization</td>
</tr>
<tr>
<td>2021</td>
<td>Sara VanBronkhorst, MD, MPH</td>
<td>Cristiane Duarte, PhD, MPH</td>
<td>Research Foundation for Mental Hygiene</td>
<td>Mother-Child Interactions and Oxytocin: A Pilot Study of Mothers, their Toddlers and Intergenerational Transmission of Childhood Adversities</td>
</tr>
<tr>
<td>2021</td>
<td>Shinn-yi Chou, MD</td>
<td>Robert Sweet, MD</td>
<td>University of Pittsburgh Medical Center</td>
<td>Cell-type Specific Alterations in Type 1 Cannabinoid Receptors in Patients With Schizophrenia</td>
</tr>
<tr>
<td>2020</td>
<td>Jacqueline Alexandra Clausss, MD, PhD</td>
<td>Daphne Holt, MD, PhD</td>
<td>Massachusetts General Hospital</td>
<td>Development of a Transdiagnostic, Resilience-Focused Intervention for At-Risk Adolescents</td>
</tr>
<tr>
<td>2020</td>
<td>Gaby J. Ritfeld, MD, PhD</td>
<td>Claire D. Coles, PhD, &amp; Julie A. Kable, PhD</td>
<td>Emory University School of Medicine</td>
<td>Neurobehavioral and Physical Health Outcomes in Offspring of Individuals with Fetal Alcohol Spectrum Disorders</td>
</tr>
<tr>
<td>2020</td>
<td>Kunmi Sobowale, MD</td>
<td>Nelson Freimer, MD</td>
<td>University of California Los Angeles Semel Institute</td>
<td>Digital Phenotyping of the Mother-Child Interaction in the Context of Postpartum Depression: A Feasibility Study</td>
</tr>
<tr>
<td>2020</td>
<td>Emily A. Troyer, M.D</td>
<td>Suzi Hong, PhD, &amp; David R. Rosenberg, MD</td>
<td>University of California, San Diego</td>
<td>Decreased Immunoglobulin G is Associated With Pediatric-Onset OCD</td>
</tr>
<tr>
<td>2019</td>
<td>Chuan Mei Lee, MD, MA</td>
<td>Christina Mangurian, MD, MAS, &amp; Petra Steinbuchel, MD</td>
<td>University of California, San Francisco</td>
<td>Impact of the COVID-19 Pandemic on Mental Health Care in Pediatric Primary Care Settings: A Focus Group Analysis</td>
</tr>
<tr>
<td>2019</td>
<td>Aneta Krakowski, MSc, MD</td>
<td>Peter Szatmari, MD</td>
<td>University of Toronto</td>
<td>Identifying Neurodevelopmental Domain Subgroups in ASD and ADHD</td>
</tr>
<tr>
<td>2019</td>
<td>Petya Radoeva, MD</td>
<td>Daniel Dickstein, MD</td>
<td>Bradley Hospital</td>
<td>Pilot Study: White Matter Microstructural Correlates of Depressive Symptoms in Children and Adolescents with ASD</td>
</tr>
<tr>
<td>2019</td>
<td>Emily Wood, MD, PhD</td>
<td>Mirella Dapretto, PhD, &amp; Shulamite Green, PhD</td>
<td>University of California, Los Angeles</td>
<td>Behavioral and Neural Mechanisms of Trauma Symptomatology in youth with Autism Spectrum Disorder</td>
</tr>
<tr>
<td>2019</td>
<td>Eunice Yuen, MD, PhD</td>
<td>Flora M. Vaccarino, MD</td>
<td>Yale University</td>
<td>Biological Action of Ketamine in Developing Neurons: Hope in Treating Maternal Depression to Reduce Children Mood Disorders</td>
</tr>
<tr>
<td>2018</td>
<td>Obianuju Obi Berry, MD, MPH</td>
<td>Catherine Monk, PhD</td>
<td>Columbia University</td>
<td>Addressing the Mental Health Needs of Parent Survivors of Intimate Partner Violence: Impact on Parent-Child Dyadic Relationship</td>
</tr>
<tr>
<td>2018</td>
<td>Isha Jalnapurkar, MD</td>
<td>Jean Frazier, MD</td>
<td>University of Massachusetts</td>
<td>Biological and Psychosocial Correlates of Social Cognition in Adolescents with Autism Spectrum Disorder (ASD)</td>
</tr>
<tr>
<td>Year</td>
<td>Award Recipient</td>
<td>Mentor(s)</td>
<td>Institution</td>
<td>Project Title</td>
</tr>
<tr>
<td>------</td>
<td>-----------------</td>
<td>-----------</td>
<td>-------------</td>
<td>---------------</td>
</tr>
<tr>
<td>2017</td>
<td>Aaron D. Besterman, MD</td>
<td>James McCracken, MD</td>
<td>UCLA Semel Institute of Neuroscience and Human Behavior</td>
<td>Deep Phenotyping of Children With ASD, Macrocephaly, and Phosphatidylinositol 3-Kinase/Protein Kinase B/Mammalian Target of Rapamycin (PI3K/AKT/mTOR) Pathway Mutations: Preliminary Findings</td>
</tr>
<tr>
<td>2017</td>
<td>Christina Cruz, MD, EdM</td>
<td>Bradley, N. Gaynes, MD, MPH</td>
<td>University of North Carolina</td>
<td>Teachers Identifying Children’s Mental Illness in a Task-Shifting Intervention in India</td>
</tr>
<tr>
<td>2017</td>
<td>Manivel Rengasamy, MD</td>
<td>Lisa Pan, MD</td>
<td>Western Psychiatric Institute and Clinic</td>
<td>Plasma Cytokines in Adolescents Receiving Psychotherapy</td>
</tr>
<tr>
<td>2017</td>
<td>Pravesh Sharma, MD</td>
<td>Michelle Horner, DO</td>
<td>Johns Hopkins Bloomberg Children’s Center</td>
<td>Preadolescent Risk Factors in the Relationship Between Adolescent Cannabis Use and Psychotic Symptoms</td>
</tr>
<tr>
<td>2017</td>
<td>Amalia Londono Tobon, MD</td>
<td>Linda Mayes, MD, and Arietta Slade, PhD</td>
<td>Yale University</td>
<td>Lasting Effects of Minding the Baby® Home Visiting Program for Young Families</td>
</tr>
<tr>
<td>2016</td>
<td>Anthony Deo, MD, PhD</td>
<td>Ragy Grigis, MD, &amp; David Kinhy, PhD</td>
<td>Columbia University</td>
<td>Pro Brain-Derived Neurotrophic Factor (BDNF) and Cognition in Individuals at Clinical High-Risk for Psychosis</td>
</tr>
<tr>
<td>2016</td>
<td>Kelli C. Dominick, MD, PhD</td>
<td>Craig Erickson, MD</td>
<td>Cincinnati Children’s Hospital Medical Center</td>
<td>A Pilot Neuroimaging Project Examining Functional Connectivity in Infants and Young Children With Fragile X Syndrome and High-Risk Siblings of Individuals With ASD</td>
</tr>
<tr>
<td>2016</td>
<td>Pilar Trelles, MD</td>
<td>Alexander Kolevzon, MD</td>
<td>Icahn School of Medicine at Mt. Sinai</td>
<td>Characterizing Attention Deficit in Children With ASD</td>
</tr>
<tr>
<td>2016</td>
<td>Danielle Baribeau, MD</td>
<td>Evdokia Anagnostou, MD</td>
<td>University of Toronto</td>
<td>The Structural Neuroimaging Correlates of Social Abilities are Similar in ASD and ADHD</td>
</tr>
<tr>
<td>2016</td>
<td>Jerome Taylor, MD</td>
<td>Michael H. Bloch, MD, MS</td>
<td>Yale Child Study Center</td>
<td>Time Until Clinical Improvement in the Treatment of Early-Onset Schizophrenia Spectrum Disorders Study (TEOSS)</td>
</tr>
<tr>
<td>2015</td>
<td>Mirjana Domakonda, MD</td>
<td>Rachel Marsh, PhD</td>
<td>NYP Hospital of Columbia and Cornell Universities</td>
<td>Attentional Bias to Food Cues and Frontostriatal Circuit Function in Adolescents with Bulimia Nervosa</td>
</tr>
<tr>
<td>2015</td>
<td>Rebecca Muhle, MD, PhD</td>
<td>Craig Erickson, MD</td>
<td>Yale University</td>
<td>Mapping Regulatory Networks of Autism Risk at Cellular Resolution During Neurodevelopment</td>
</tr>
<tr>
<td>2015</td>
<td>Carrie Vaudreuil, MD</td>
<td>Dina Hirshfeld-Becker, PhD</td>
<td>Massachusetts General Hospital</td>
<td>RAGE-Control: Teaching Emotional Self-regulation Through Videogame Play</td>
</tr>
<tr>
<td>2014</td>
<td>Stephanie Ameis, MD, MSc</td>
<td>Peter Szatmari, MD, MSc</td>
<td>The Centre for Addiction and Mental Health, University of Toronto</td>
<td>rTMS for Executive Function Impairment in Autism Spectrum Disorder; Preliminary Feasibility and Baseline Neuroimaging Findings</td>
</tr>
</tbody>
</table>
The AACAP Pilot Research Awards for General Psychiatry Residents, supported by Arbor Pharmaceuticals, LLC, Pfizer Inc., PhRMA, Sunovion Pharmaceuticals, Inc., and/or Supernus Pharmaceuticals, Inc., offer up to $15,000 in research funding support to child and adolescent psychiatry residents and early career faculty who have an interest in starting a research career.

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Recipient</th>
<th>Mentor(s)</th>
<th>Institution</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2023</td>
<td>Diab A. Ali, MD</td>
<td>Aviva Olsavsky, MD</td>
<td>University of Colorado</td>
<td>The Generational Middle Eastern- and Afghan-American Stress and Refugee Experiences Study (Gen-MEASURES)</td>
</tr>
<tr>
<td>2022</td>
<td>Joseph M. Aloi, MD, PhD</td>
<td>Leslie Hulvershorn, MD, MSc</td>
<td>Indiana University</td>
<td>Neuroimaging of Reinforcement Learning in Pre-Adolescents at Risk for Substance Use Disorder</td>
</tr>
<tr>
<td>2021</td>
<td>German E. Velez, MD</td>
<td>Michelle Durham, MD, MPH</td>
<td>Boston University School of Medicine</td>
<td>Cultural Factors That Positively Influence Resilience in Undocumented Youth</td>
</tr>
<tr>
<td>2020</td>
<td>Alexandra L. Bey, MD, PhD</td>
<td>Kafui Dzirasa, MD, PhD</td>
<td>Duke University Health System</td>
<td>Identifying Convergent Networks Underlying Sleep Disruption In Autism Spectrum Disorder Mouse Models</td>
</tr>
<tr>
<td>2019</td>
<td>Jack Turban III, MD</td>
<td>Timothy E. Wilens, MD, &amp; Alex S. Keuroghlian, MD, MHS</td>
<td>Massachusetts General Hospital</td>
<td>Access to Gender-Affirming Hormones during Adolescence and Mental Health Outcomes Among Transgender Adults</td>
</tr>
<tr>
<td>2018</td>
<td>Emily Olfson, MD, PhD</td>
<td>Thomas V. Fernandez, MD</td>
<td>Yale University</td>
<td>Genetic Findings in Trichotillomania</td>
</tr>
<tr>
<td>2017</td>
<td>Yael Kufert, MD</td>
<td>Vilma Gabbay, MD, MS</td>
<td>Icahn School of Medicine at Mount Sinai</td>
<td>Gamma-Aminobutyric Acid as a Biomarker in Adolescent Depression: A Longitudinal Study</td>
</tr>
<tr>
<td>2017</td>
<td>David C. Saunders, MD, PhD</td>
<td>Hedy Kober, PhD</td>
<td>Yale University</td>
<td>Mindfulness-Based ADHD Treatment for Children: A Pilot Feasibility Study</td>
</tr>
<tr>
<td>2016</td>
<td>Hannah Reed, MD</td>
<td>William Fifer, PhD</td>
<td>Columbia University</td>
<td>Perinatal Frontolimbic Connectivity and Later Emotional Development</td>
</tr>
<tr>
<td>2016</td>
<td>Christina Tolbert, MD</td>
<td>Michael A. de Arellano, PhD</td>
<td>Medical University of South Carolina</td>
<td>Gender and Ethno-Racial Differences in Symptom Expression of Posttraumatic Stress Disorder and Depression Among Child Trauma Victims</td>
</tr>
</tbody>
</table>
### AACAP Pilot Research Awards for General Psychiatry Residents, Supported by Industry Supporters

<table>
<thead>
<tr>
<th>Year</th>
<th>Award Recipient</th>
<th>Mentor(s)</th>
<th>Institution</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>Jennifer Dwyer, MD, PhD</td>
<td>Michael H. Bloch, MD, MS</td>
<td>Yale University</td>
<td>Ketamine as a Treatment for Adolescent Major Depressive Disorder</td>
</tr>
<tr>
<td>2015</td>
<td>Kathryn Ridout, MD, PhD</td>
<td>Audrey R. Tyrka, MD PhD</td>
<td>Brown University</td>
<td>Association Between Molecular Markers of Neuroendocrine Function and Cellular Metabolism With Early Life Stress and Psychopathology</td>
</tr>
<tr>
<td>2015</td>
<td>Gerrit Ian Van Schalkwyk, MD, ChB</td>
<td>Fred R. Volkmar, MD</td>
<td>Yale University</td>
<td>Social Media Use Improves Friendship Quality in Adolescents With Autism Spectrum Disorder</td>
</tr>
<tr>
<td>2014</td>
<td>Jorge Almeida, MD PhD</td>
<td>Daniel Dickstein, MD</td>
<td>Brown University</td>
<td>Emotional Face Processing Among Young Adults With Bipolar Disorder and Major Depressive Disorder</td>
</tr>
<tr>
<td>2014</td>
<td>Araba Chintoh, MBBS, PhD</td>
<td>Gary Remington, MD, PhD, FRCPC</td>
<td>University of Toronto</td>
<td>Magnetic Resonance Imaging of Fat Deposition in Adolescents With First-Time Use of Antipsychotics</td>
</tr>
<tr>
<td>2014</td>
<td>Naomi Pitskel, MD</td>
<td>Megan V. Smith, DrPH</td>
<td>Yale University</td>
<td>Exploring the Relationship Between Prenatal Antidepressant or Nicotine Exposure, Maternal Executive Functioning, and the Quality of Mother—Child Interactions in Young School Age Children and Their Mothers</td>
</tr>
</tbody>
</table>
Through the AACAP Pilot Award, Dr. VanBronkhorst was able to fund a pilot study of oxytocin and mother-child interaction behaviors in mothers and their preschool-aged children in Sao Paolo, Brazil. This pilot study provided preliminary data to support a larger study of oxytocin and mother-child interaction behaviors in mothers and infants in Sao Paolo, Brazil. This larger study is being funded by the AACAP Junior Investigator Award. In addition to this research, Dr. VanBronkhorst is engaged in two clinical trials at the community mental health clinic where she works in Grand Rapids, MI. Long-term goals are to use oxytocin as a biomarker for social relationship quality and depressive symptoms in clinical trials.

Jelena MacLeod, MD, MS, Supported by AACAP

Institution: Yale Child Study Center
Project Title: Harnessing Electronic Health Record Data to Examine the Association Between Adverse Childhood Experiences, Medical Morbidity, and Healthcare Utilization
Mentors: Andrea G. Asnes, MD, MSW, and Pamela E. Hoffman, MD
Current Position: Yale School of Medicine, Yale Child Study Center, Clinical Fellow/Postdoc

Through the AACAP Pilot Award, Dr. MacLeod was able to derive and generate a dataset of patients with exposure to Proxy Adverse Childhood Experiences (ACEs) using healthcare information already stored in the electronic health record (EHR), rather than through screening and self-report. She found significant population-level associations between Proxy ACEs and multiple healthcare and medical outcomes. She is now transitioning this work into individual-level predictive analytics designed to help clinicians anticipate which patients with Proxy ACEs exposure are at highest risk for developing psychiatric and medical diagnoses. Her work is supported by multiple research grants and stakeholders in the EHR sphere as part of a trauma-informed care informatics infrastructure.

Ritvij Satodiya, MD, Supported by AACAP’s Elaine Schlosser Lewis Fund

Institution: New York University
Project Title: Exposure to Exogenous Cannabinoids in Prenatal Periods and Early Childhood: Importance of Identifying Critical Windows for Brain Influences
Mentor: Akhgar Ghassabian, MD, PhD, and Francisco X. Castellanos, MD
Current Position: Forensic Psychiatry Fellow, Psychiatry and Law Services, Emory University

Through the AACAP Pilot Award, Dr. Satodiya was able to begin his career as a clinician scientist. This award funding allowed Dr. Satodiya to strengthen his skills as an investigator and facilitate his growth trajectory in clinical research in the field of child and adolescent psychiatry. This award offered grant support to collect the pilot data that will guide to form future studies and yield scientific manuscripts on perinatal cannabis exposure and child’s neurodevelopment. Dr. Satodiya will focus on utilizing the study results to design studies that will inform the effects of early life adversities of cannabis exposure on neurodevelopment of offspring.

Robyn Thom, MD, Supported by AACAP’s Elaine Schlosser Lewis Fund

Institution: Massachusetts General Hospital
Project Title: Effect of Childhood Attention-Deficit/Hyperactivity Disorder on Substance Use Disorder Risk in Adolescents with Autism Spectrum Disorder
Mentor: Christopher J. McDougle, MD
Current Position: Psychiatrist, Massachusetts General Hospital (MGH) Lurie Center for Autism; Co-Director MGH Williams Syndrome Program; Assistant Professor, Harvard Medical School

Through the AACAP Pilot Award, Dr. Thom was able to gain protected research time, which was invaluable for gaining hands-on clinical research experience, collecting pilot data, and submitting her first several federal grants. Dr. Thom’s current research is focused on improving the diagnosis and treatment of anxiety in individuals with neurodevelopmental disorders such as autism spectrum disorder and Williams syndrome.

Sara VanBronkhorst, MD, MPH, Supported by AACAP

Institution: Columbia University Irving Medical Center
Project Title: Mother-Child Interactions and Oxytocin: A Pilot Study of Mothers, their Toddlers and Intergenerational Transmission of Childhood Adversities
Mentor: Cristiane Duarte, PhD, MPH
Current Position: Columbia University, Voluntary faculty; Network180, Staff Psychiatrist

Through the AACAP Pilot Award, Dr. VanBronkhorst was able to fund a pilot study of oxytocin and mother-child interaction behaviors in mothers and their preschool-aged children in Sao Paolo, Brazil. This pilot study provided preliminary data to support a larger study of oxytocin and mother-child interaction behaviors in mothers and infants in Sao Paolo, Brazil. This larger study is being funded by the AACAP Junior Investigator Award. In addition to this research, Dr. VanBronkhorst is engaged in two clinical trials at the community mental health clinic where she works in Grand Rapids, MI. Long-term goals are to use oxytocin as a biomarker for social relationship quality and depressive symptoms in clinical trials.
Alexandra Bey, MD, PhD, Supported by Arbor Pharmaceuticals, LLC, Supernus Pharmaceuticals, Inc., and Sunovion Pharmaceuticals, Inc.

Institution: Duke University
Project Title: Identifying Networks Underlying Sleep Disruption in Autism Spectrum Disorder Mouse Models
Mentor: Kafui Dzirasa, MD, PhD
Current Position: Assistant Professor at Duke University Health System

Through the AACAP Pilot Award, Dr. Bey was able to learn how to perform multi-site electrophysiological recordings in mice, which enabled her to measure sleep-wake behavior and altered brain dynamics from two genetically engineered mouse models of autism. This support encouraged her to continue in her research career development developing cross-species translational biomarkers for autism and other neurodevelopmental disorders. In addition to her ongoing investigations of brain dynamics of social, repetitive, and sleep-wake behaviors in preclinical models, her current work is expanding into electrophysiological and behavioral studies of social engagement in autistic children and their caregivers.

Shinnyi Chou, MD, PhD, Supported by AACAP

Institution: University of Pittsburgh
Project Title: Cell-Type-Specific Type 1 Cannabinoid Receptor Distribution Across the Human and Nonhuman Primate Cortex
Mentor: Robert Sweet, MD
Current Position: University of Pittsburgh, Department of Psychiatry, T32 Postdoctoral Scholar and Attending Psychiatrist

Through the AACAP Pilot Award, Dr. Chou was able to explore a new area of research, which generated two first author publications, and laid the foundation for her first NIMH K08 application that she submitted in June 2023.

Gaby Ritfeld, MD, PhD, Supported by AACAP

Institution: Emory University School of Medicine
Project Title: Neurobehavioral Outcomes of Offspring of Individuals Affected by Fetal Alcohol Spectrum Disorders
Mentors: Claire D. Coles, PhD, and Julie A. Kable, PhD
Current Position: Assistant Professor and Program Director, Child and Adolescent Psychiatry Fellowship Program, University of Arizona College of Medicine – Phoenix/Phoenix Children’s; Adjunct Assistant Professor, Department of Psychiatry, Emory University School of Medicine; Assistant Clinical Professor, Creighton University School of Medicine

Through the AACAP Pilot Award, Dr. Ritfeld was able to launch her own research project, and obtain additional NIH funding. She continues to work on projects investigating fetal alcohol spectrum disorders and their effects on parents, parent-child relationships, and offspring. The research award facilitated dissemination of her work in peer-reviewed articles, presentation at (inter)national conferences and provided a platform for mentorship of students interested in doing research.

Kunmi Sobowale, MD, Supported by AACAP

Institution: University of California, Los Angeles
Project Title: Digital Phenotyping of the Mother-Child Interaction in the Context of Postpartum Depression: A Feasibility Study
Mentor: Nelson Freimer, MD
Current Position: UCLA, Department of Psychiatry and Biobehavioral Sciences, Assistant Professor-in-Residence

Through the AACAP Pilot Award, Dr. Sobowale was able to carry out a research study using wearable sensors to assess the parent-child interaction in the context of postpartum depression. Feedback from participants was helpful to inform the redesign of a larger study that is almost underway.
Aneta Krakowski, MSc, MD, Supported by AACAP

**Institution:** University of Toronto  
**Project Title:** Neurodevelopmental Domains versus Diagnosis as Predictors of Neuroimaging Measures in ASD and ADHD  
**Mentor:** Peter Szatmari, MD  
**Current Position:** Assistant Professor and Child Psychiatrist, Department of Psychiatry, Hospital for Sick Children and University of Toronto  

Through the AACAP Pilot Award, Dr. Krakowski was able to characterize neurodevelopmental domain subgroups in ASD and ADHD, and her work has been published in the *Journal of Child Psychology and Psychiatry*. Future work will be aimed at better characterizing such transdiagnostic groups and comparing them on different neuroimaging, genetic, and behavioural measures.

Jack Turban, MD, MHS, Supported by Arbor Pharmaceuticals, LLC and Pfizer Inc.

**Institution:** Massachusetts General Hospital  
**Project Title:** Access to Gender-Affirming Hormones during Adolescence and Mental Health Outcomes Among Transgender Adults  
**Mentors:** Timothy E. Wilens, MD, and Alex S. Keuroghlian, MD, MHS  
**Current Position:** Director, Gender Psychiatry Program; Assistant Professor, Child & Adolescent Psychiatry; Affiliate Faculty, Philip R. Lee Institute for Health Policy Studies, University of California, San Francisco  

Through the AACAP Pilot Award, Dr. Turban was able to obtain the resources needed to dive into research on the determinants of mental health among transgender youth during his residency, providing essential resources for statistical support. The funding supported their study that was the first to link gender identity conversion efforts to adverse mental health outcomes and additional publications in *Pediatrics*, *The American Journal of Public Health*, *JAMA Pediatrics*, and *JAACAP*. At UCSF, he continues to study the determinants of mental health among transgender youth, with a focus on questions relevant to public policy.

Samantha Kennedy, DO, Supported by AACAP

**Institution:** Michigan State University  
**Project Title:** Disordered Eating Screen for Athletes (DESA-6): A Proposed Self-Report Brief Screening Tool for Disordered Eating in Adolescent Athletes  
**Mentor:** Alyse Folino Ley, DO, FACN  
**Current Position:** Mid-Mitten Pediatric Psychiatry, PLLC; Adjunct Professor at Michigan State University  

Dr. Kennedy is currently in private practice where she works mostly in the clinic and contracts with Montcalm CMH one day a week. Her research has continued since her AACAP Pilot Award and the team is currently completing the manuscript to submit for publication. She also continues to work with the Psychiatry Residency Program.

Emily Olfson, MD, PhD, Supported by Pfizer Inc.

**Institution:** Yale University  
**Project Title:** Genetic Findings in Trichotillomania  
**Mentors:** Michael H. Bloch, MD, MS, and Thomas Fernandez, MD  
**Current Position:** Assistant Professor at the Yale Child Study Center  

Through the AACAP Pilot Award, Dr. Olfson was able to generate critical preliminary data for a NIMH K08 Career Development Award entitled “Neurogenomic Investigations of Trichotillomania and Excoriation disorder.” This ongoing research builds on Dr. Olfson’s AACAP Pilot Award by using a series of complementary neurogenomic techniques to advance our understanding of the genes and neurodevelopmental pathways that contribute to these understudied childhood-onset psychiatric conditions. From a career development perspective, receiving this award allowed Dr. Olfson to develop an independent line of work that she is continuing to pursue in her own laboratory.
## AACAP Pilot Research Award Recipients: Where Are They Now?

### Aaron Besterman, MD, Supported by AACAP

**Institution:** University of California, Los Angeles Semel Institute for Neuroscience and Human Behavior  
**Project Title:** Deep Phenotyping of Children With ASD, Macrocephaly, and Phosphatidylinositol 3-Kinase/Protein Kinase B/Mammalian Target of Rapamycin (PI3K/AKT/mTOR) Pathway Mutations: Preliminary Findings  
**Mentor:** James T. McCracken, MD, and Julian A. Martinez, MD, PhD  
**Current Position:** Assistant Professor, UCSD Department of Psychiatry; Clinical Investigator, Rady Children’s Institute for Genomic Medicine; Attending Psychiatrist, Rady Children’s Hospital San Diego  

Through the AACAP Pilot Award, Dr. Besterman was able to start having some control over his own research agenda and it provided him with confidence that he could successfully apply for grants. It started his research career in translational psychiatric genetics that has led to multiple subsequent, larger grants and projects in similar areas.

### Erica Greenberg, MD, Supported by AACAP’s Elaine Schlosser Lewis Fund

**Institution:** Massachusetts General Hospital  
**Project Title:** Modified Comprehensive Behavioral Intervention for Tics: Treating Children with Tic Disorders, Co-occurring ADHD and Psychosocial Impairment  
**Mentor:** Sabine Wilhelm, PhD  
**Current Position:** Director of Pediatric Psychiatry OCD and Tic Disorders Program at Massachusetts General Hospital; Assistant Professor at Harvard Medical School  

Through the AACAP Pilot Award, Dr. Greenberg was able to conduct a pilot clinical trial, and present on it at AACAP and various other symposia/forums. It provided the opportunity to share preliminary results with clinical research luminaries around the country. She recently published a paper based on clinical observations observed during the treatment component of the study. Dr. Greenberg continues to treat youth with co-occurring Tourette’s disorder and ADHD, and utilizes many of the behavioral strategies that she learned as a treater in the MCBIT study. Through the study, she also had the opportunity to train two additional treaters in CBIT.

### Amalia Londoño Tobón, MD, Supported by AACAP

**Institution:** Yale University  
**Project Title:** Lasting Effects of Minding the Baby® Home Visiting Program for Young Families  
**Mentors:** Linda Mayes, MD, and Arietta Slade, PhD  
**Current Position:** Perinatal, Child, and Family Psychiatrist-Researcher; Assistant Professor, Georgetown University Medical Center  

Through the AACAP Pilot Award, Dr. Londoño Tobón was able to enhance her research endeavors. Through this award, she conducted a follow-up study on a randomized controlled trial of Minding the Baby, an attachment-based home visitation program targeting under-served, Latinx, and Black families from pregnancy to 2 years postpartum. This award not only enabled her to acquire essential skills, such as grant writing, study design, data collection, analysis, and manuscript writing but also fostered her commitment to addressing disparities during the perinatal period. By actively engaging in these hands-on experiences, Dr. Londoño Tobón honed her abilities and knowledge, positioning herself for a faculty position that supports her pursuit of an independent research career.
Naser Ahmadi, MD, PhD, Supported by AACAP’s Elaine Schlosser Lewis Fund

**Institution:** University of California, Los Angeles  
**Project Title:** Trial of Reminder Focused Positive Psychiatry in Comorbid Attention Deficit Hyperactive Disorder with Posttraumatic Stress Disorder  
**Mentor:** Robert Pynoos, MD  
**Current Position:** Assistant Professor of Psychiatry at UCLA Semel Institute for Neuroscience & Human Behavior

Through the AACAP Pilot Award, Dr. Ahmadi was able to successfully conduct “A Randomized Controlled Feasibility Trial of Reminder-Focused Positive Psychiatry (RFPP) in Adolescents With Comorbid Attention-Deficit/Hyperactivity Disorder (ADHD) and Posttraumatic Stress Disorder (PTSD),” for the first time revealing the efficacy of RFPP in reducing symptoms of PTSD and ADHD, increasing mental wellbeing, resilience and biopsychosocial traits, vascular function, and reducing inflammation in adolescents with comorbid ADHD and PTSD. This work was published in Prim Care Companion CNS Disorders. He has been conducting Trauma-informed Evaluation and Management of Adolescents with Posttraumatic Stress Disorder, a SAMHSA NCTSN Category III at Olive View Medical Center as well as studying biomolecular characteristics of RFPP in youth with PTSD and their caregivers.

Lawrence Fung, MD, PhD, Supported by Lilly USA, LLC

**Institution:** Stanford University School of Medicine  
**Project Title:** Developmental Pathodynamics of Connectional Neuroanatomy in a Mouse Model of Autism Spectrum Disorder  
**Mentor:** Allan L. Reiss, MD  
**Current Position:** Stanford University, Department of Psychiatry and Behavioral Sciences, Assistant Professor

Through the AACAP Pilot Award, Dr. Fung was able to collect preliminary data that led to a career development award at the NIMH.

Aaron Krasner, MD, Supported by Lilly USA, LLC

**Institution:** New York State Psychiatric Institute and Columbia University Medical Center  
**Project Title:** Longitudinal Profiles of ADHD Symptoms in a Nonreferred Low Birthweight/Preterm Cohort: An Exploratory Study  
**Mentor:** Agnes Whitaker, MD  
**Current Position:** Assistant Professor of Clinical Psychiatry, Yale School of Medicine, and CEO, Krasner Adolescent Institute

Through the AACAP Pilot Award, Dr. Krasner was able to gain comfort with advanced research methodology, independent intellectual pursuit, and the confidence to create an institute that is hoping to innovate new approaches to standard psychiatric assessment (https://www.krasneradolescentinstitute.com).

Jeffrey Strawn, MD, Supported by AACAP’s Elaine Schlosser Lewis Fund

**Institution:** University of Cincinnati College of Medicine  
**Project Title:** The Neurofunctional Impact of Anxiety in Adolescents With Attention-Deficit/Hyperactivity Disorder  
**Mentor:** Melissa DelBello, MD, MS  
**Current Position:** Tenured Professor of Psychiatry, Pediatrics, and Clinical Pharmacology at the University of Cincinnati

The AACAP Pilot Award had a transformative impact on Dr. Strawn’s career development and research program. The initial project enabled them to unravel the intricate neurocircuitry underlying anxiety in adolescents, providing a crucial foundation for subsequent investigations. Building upon this, three NIH grants were secured, dedicated to elucidating the mechanisms through which treatment influences this neurocircuitry and leveraging changes in circuits and related biology to predict treatment responses in anxious adolescents. From here, they have also worked to understand how illness recovery can be predicted by both biological and psychological processes in anxious youth.
Arman Danielyan, MD, Supported by Lilly USA, LLC

Institution: Cincinnati Children’s Hospital Medical Center
Project Title: Quality of Life in Adolescents with Bipolar Disorder with Comorbid ADHD: Role of Impaired Facial Emotion Processing and Social Cognition
Mentor: Melissa P. DeBello, MD, MS
Current Position: John Muir Behavioral Health, Department of Child and Adolescent Psychiatry, Attending psychiatrist. Chair, Credentialing Committee and Safety and Performance Improvement Committee

Through the AACAP Pilot Award, Dr. Danielyan was able to gain a better understanding of the process involved in designing and implementing a research study. It also emphasized the importance of teamwork, not only in research settings but also in his day-to-day practice. Although he is not currently actively engaged in research, the foundational knowledge and methodologies acquired through developing a research proposal and its implementation continue to assist him in professional responsibilities. Dr. Danielyan’s current practice in clinical child and adolescent psychiatry has provided him with valuable insights into the challenges faced by psychiatrists without extensive research or academic backgrounds when attempting to apply research findings in clinical settings.

Anna M. Georgiopoulos, MD, Supported by AACAP’s Elaine Schlosser Lewis Fund

Institution: Massachusetts General Hospital
Project Title: Mood and Attention in Cystic Fibrosis: Prevalence and Impact on Health Outcomes
Mentors: Janet Wozniak, MD, and Jerrold Rosenbaum, MD
Current Position: Associate Professor of Psychiatry at Harvard Medical School and Massachusetts General Hospital (MGH).

Through the AACAP Pilot Award, Dr. Georgiopoulos was able to demonstrate the feasibility of routine psychiatric screening at the Massachusetts General Hospital Cystic Fibrosis (CF) clinic, revealing an elevated prevalence of ADHD symptoms, which were associated with reduced quality of life. She has played a leadership role to develop and implement international CF mental health guidelines, resulting in permanent Center Grant funding for new mental health coordinator positions integrated into all accredited CF centers in the US. A recipient of the CF Foundation’s Carolyn and C. Richard Mattingly Leadership in Mental Health Care Award, she is PI for multicenter clinical trials in CF mental health and palliative care.

Gholson Lyon, MD, PhD, Supported by AACAP’s Elaine Schlosser Lewis Fund

Institution: New York University Child Study Center and New York University Langone Medical Center
Project Title: Improving Tic-Related Response Inhibition: The Effects of Dexmethylphenidate in Children and Adolescents with ADHD and Chronic Tic Disorders
Mentors: Barbara Coffey, MD, MS, F. Xavier Castellanos, MD, and Douglas Woods, PhD
Current Position: Principal Investigator (Institute for Basic Research in Developmental Disabilities) and Professor (adjunct) CUNY Graduate Center

Through the AACAP Pilot Award, Dr. Lyon was able to advance his research in human genetics during his residency and early faculty position. It was one of the first grants that he received. Dr. Lyon continues working on the genetic basis of intellectual disability, autism, and epilepsy, through his study of various rare genetic syndromes, including KBG syndrome, TAF1 syndrome, NAA15 syndrome and Ogden syndrome.

Karen Lommel, DO, MHA, MS, Supported by Lilly USA, LLC

Institution: University of Kentucky Departments of Psychiatry and Pediatrics
Project Title: Juvenile Primary Fibromyalgia Syndrome in a Female Adolescent Psychiatric Population: Assessment Tools and an Intervention Model
Mentors: Leslie Crofford, MD, and Catherine A. Martin, MD
Current Position: Prisma Health - University of South Carolina School of Medicine Greenville; Departments of Psychiatry and Emergency Medicine, Endowed Department Chair (Robert A. Jolley, Jr Endowed Chair of Psychiatry and Community Health), Attending Physician: Adult Psychiatry, Child & Adolescent Psychiatry and Emergency Medicine

Through the AACAP Pilot Award, Dr. Lommel was able to launch her career in academic medicine. It was one of the essential stepping stones to advancing a career in serving children who often present to the clinical setting with a combination of somatic and psychiatric complaints. As a triple board graduate who also trained in emergency medicine, she has spent her career where medical and psychiatric issues interface.
AACAP PILOT RESEARCH AWARD
RECIPIENTS: WHERE ARE THEY NOW?

Jeanie Tse, MD, Supported by AACAP’s Elaine Schlosser Lewis Fund

**Institution:** McGill University  
**Project Title:** Cognitive Behavioral Group Therapy for Adolescents With Attention-Deficit/Hyperactivity Disorder  
**Mentor:** Lily Hechtman, MD, FRCP  
**Current Position:** Board-certified psychiatrist; Clinical Associate Professor, NYU School of Medicine; Medical Director, Fountain House  

*2005*

Through the AACAP Pilot Award, Dr. Tse was able to develop skill and leadership around the implementation and evaluation of community rehabilitation models. This career path led her from a role as the chief medical officer at ICL, a New York City not-for-profit serving families affected by mental illness, to her current position as the medical director of Fountain House, the flagship of over 500 clubhouse communities supporting the recovery of people with serious mental illnesses worldwide.

Alex Kolveson, MD, Supported by Lilly USA, LLC

**Institution:** Mount Sinai School of Medicine  
**Project Title:** The Relationship Between Obsessive-Compulsive Behaviors and Whole Blood Serotonin in Autism: Searching for Evidence of Autism Endophenotypes  
**Mentor:** Jeremy Silverman, MD  
**Current Position:** Professor of Psychiatry and Pediatrics; Director, Child and Adolescent Psychiatry; Clinical Director, Seaver Autism Center; Ioahn School of Medicine at Mount Sinai, Mount Sinai Health System  

*2004*

Through the AACAP Pilot Research Award, Dr. Kolveson was able to begin an academic career focused on understanding the biological underpinnings of autism spectrum disorder and developing new treatments. His work continues to test biomarkers for use in clinical trials and now also includes studying specific rare genetic forms of autism spectrum disorder with the goal of applying the knowledge to the treatment of autism more broadly. The AACAP Pilot Research Award also provided clear evidence of the profound influence mentorship can have on early careers like Dr. Kolveson’s and he remains committed to mentoring medical students, residents, fellows, and junior faculty in academic pursuits related to child and adolescent psychiatry.

Christoph U. Correll, MD, Supported by Lilly USA, LLC

**Institution:** The Zucker Hillside Hospital  
**Project Title:** Olanzapine and Risperidone-Induced Alterations of Central Appetite Regulations in Antipsychotic-Naïve Youth with Non-Affective Psychosis  
**Mentor:** Sanjiv Kumra, MD  
**Current Position:** Professor of Psychiatry and Molecular Medicine, Zucker School of Medicine at Hofstra/Northwell and Professor and Chair, Department of Child and Adolescent Psychiatry, Charité - University Medicine, Berlin, Germany  

*2004*

Through the AACAP Pilot Award, Dr. Correll was able to collect pilot data that became a first step and building block for one of the largest inception cohort studies of youth initiating treatment with a second-generation antipsychotic. Initial data from this study were published in *JAMA*, which also led him to focus as part of his work on the interaction between mental health and physical health. Receiving the award boosted his enthusiasm, confidence, and hope of having a successful academic career. In addition, he has been working on early recognition and prevention of psychotic and bipolar disorders, psychopharmacology, clinical trials, epidemiological studies and meta-research.

Lawrence Maayan, MD, Supported by Lilly USA, LLC

**Institution:** Yale Child Study Center  
**Project Title:** Response Inhibition, Visuo-Spatial Memory and Aggression Among Psychiatrically Hospitalized Youth  
**Mentors:** Andrés Martin, MD, and Linda C. Mayes, MD  
**Current Position:** Psychiatrist II and Research Psychiatrist, NYS Psychiatric Institute; Medical Director, Mid Fairfield Community Care Center  

*2003*

Through the AACAP Pilot Award, Dr. Maayan was able to experience the challenges of applying for and setting up a research study. It also enabled him to meet Larry Greenhill, MD, who became a mentor and, about a year later, his boss in his first first clinical research position. Dr. Maayan has continued as a clinician and as a researcher to pursue questions related to serious mental illness, its etiology, treatment, and medical comorbidities that arise from the disease and/or its treatment.
# AACAP PILOT RESEARCH AWARD

## RECIPIENTS: WHERE ARE THEY NOW?

### Cathryn A. Galanter, MD, Supported by Lilly USA, LLC

<table>
<thead>
<tr>
<th>Institution: Columbia University</th>
<th>Project Title: ADHD Does Not Predict Adult Bipolar Using Longitudinal Epidemiological Data</th>
<th>Mentors: Peter S. Jensen, MD and Pat Cohen, PhD</th>
<th>Current Position: SUNY Downstate Health Science Center/Kings County Hospital Department of Psychiatry, Professor and Child and Adolescent Psychiatry Fellowship Director</th>
</tr>
</thead>
</table>

**2002**

Through the AACAP Pilot Award, Dr. Galanter was able to have her early research supported and acknowledged. The award helped pave the way to future research including NIMH T32 and K Awards. She continues to participate in research and has the opportunity to mentor predoctoral and medical students, residents and fellows in child and adolescent psychiatry scholarly activity and research. Recent projects have included being a site principal investigator for the MOBILITY Study and WeCare: A System of Care for Black Youth at Risk for Suicide.

### Daniel S. Schechter, MD, Supported by Lilly USA, LLC

<table>
<thead>
<tr>
<th>Institution: Columbia University College of Physicians and Surgeons</th>
<th>Project Title: Maternal Attributions, Mental States, and Interactive Behavior with Very Young Children in the Context of Maternal Violent Trauma History</th>
<th>Mentors: Myron A. Hofer, MD, and Charles Zeanah, MD</th>
<th>Current Position: University of Lausanne Hospital and Faculty of Biology &amp; Medicine, Switzerland; Department of Psychiatry, Division of Child &amp; Adolescent Psychiatry, Professor and Senior Attending Psychiatrist, Medical Director of Infant and Early Childhood Ambulatory Care and Research</th>
</tr>
</thead>
</table>

**2000**

Through the AACAP Pilot Award, Dr. Schechter was able to be trained in infant psychiatry clinical research with Dr. Charles Zeanah at Tulane, as this mentorship was not available at his home institution. This experience contributed to Dr. Schechter’s first NIMH T32 Fellowship research on the relationship of maternal interpersonal-violence related PTSD and the potential effects on maternal-toddler interaction within a clinically-referred sample and a subsequent NIMH K23 Research Career Award. This led to his becoming an independent investigator and developing the ongoing program of research in Geneva, and now Lausanne, Switzerland, on the psychobiological mechanisms underlying intergenerational transmission of violence and related psychopathology along with the development of a manualized intervention that grew out of this developmental neuroscience work.

### Kiki Chang, MD, Supported by Lilly USA, LLC

<table>
<thead>
<tr>
<th>Institution: Stanford University</th>
<th>Project Title: fMRI Study of Attention-Deficit/Hyperactivity Disorder with and without Bipolar Disorder</th>
<th>Mentors: Allan L. Reiss, MD, and Terence Ketter, MD</th>
<th>Current Position: Adjunct Professor of Psychiatry, Department of Psychiatry and Behavioral Sciences, McGovern Medical School, University of Texas Health Science Center at Houston</th>
</tr>
</thead>
</table>

**2000**

Through the AACAP Pilot Award, Dr. Chang was able to propel his early research career. He is currently in private practice. Dr. Chang continues to working hard on PANS/PANDAS issues worldwide (research, policy, advocacy) and providing clinical consultations for youth with neuroinflammatory and bipolar disorders and complex neuropsychological presentations.

### John D. McLennan, MD, MPH, PhD, Supported by Lilly USA, LLC

<table>
<thead>
<tr>
<th>Institution: University of North Carolina, Chapel Hill</th>
<th>Project Title: Impact of Maternal Psychosocial Characteristics on Early Intervention Program Participation</th>
<th>Mentors: David Offord, MD, and Michael Boyle, PhD</th>
<th>Current Position: Clinician Investigator &amp; Clinical Associate Professor, Cumming School of Medicine, University of Calgary, Calgary, CANADA</th>
</tr>
</thead>
</table>

**1998**

Through the AACAP Pilot Award, Dr. McLennan was able to launch what has now become a series of research studies in the Dominican Republic aligning with his interest in child health and parenting in low- and middle-income countries. This work continues to date as Dr. McLennan recently secured a new grant as principal investigator for the study entitled “Improving the measurement of child exposure to parent disciplinary behaviour in low- and middle-income countries” funded by Canada’s Social Science and Humanities Research Council (SSHRC).
AACAP PILOT RESEARCH AWARD RECIPIENTS: WHERE ARE THEY NOW?

Matthew W. State, MD, PhD, Supported by Lilly USA, LLC

Institution: UCLA/Neuropsychiatric Institute and Hospital
Project Title: Hyperphagia and Obsessive Compulsive Symptoms in Children and Adolescents with Prader-Willi Syndrome: A Pilot Study of the Replationship between Genotype and Behavioral Phenotype
Mentors: Elisabeth Dykens, PhD, James McCracken, MD, and Bryan King, MD
Current Position: Chair, Department of Psychiatry and Behavioral Sciences, University of California, San Francisco; President, Langley Porter Psychiatric Hospital and Clinics; Director, Langley Porter Psychiatric Institute

Through the AACAP Pilot Award, Dr. State was able to complete his first research project leading to his first research publication, and inspired him to pursue a PhD in Genetics. The project focused on looking at rare genetic abnormalities that conferred psychiatric phenotypes, which has remained at the core of his career’s work. Ultimately, it was the strategy of looking for rare mutations that have large effects on human neurodevelopment that led to success in gene discovery in ASDs and Tourette syndrome. He continues to work on identifying rare and de novo mutations in the genetic code that underly neurodevelopmental disorders. His lab has also been a leader in using systems biological approaches in the search for convergent mechanisms underlying ASD mutations, identifying human mid-fetal deep-layer cortical excitatory neurons, and cortical neurogenesis as key points of vulnerability.

Victor G. Carrion, MD, Supported by Lilly USA, LLC

Institution: Stanford University Medical Center
Project Title: Child Abuse and Dissociation: Preliminary Findings
Mentor: Hans Steiner, MD
Current Position: John A. Turner, MD Professor and Vice Chair, Department of Psychiatry and Behavioral Sciences, and Director, Stanford Early Life Stress and Resilience Program at Stanford University School of Medicine

Through the AACAP Pilot Award, Dr. Carrion was able to develop his first project on trauma and youth by studying the links between trauma and dissociation. Since then, Dr. Carrion’s research has concentrated in understanding how early life stress, such as traumatic experiences, alter behavior and emotion and the role of brain structure and function in these findings. He developed Cue-Centered Therapy, a new treatment modality for youth with history of traumatic stress that is focused and targeted. He published the main text on the neuroscience of posttraumatic stress in youth, as well as texts on its treatment and prevention. He has received multiple awards from AACAP, the American Foundation for Suicide Prevention, and the National Institute of Health, among others.

David M. Rube, MD, Supported by Lilly USA, LLC

Institution: Wright State University
Project Title: A Comparison of Psychological Variables, Family Functioning, and Parental Psychopathology in Children with Diabetes
Mentor: Hector Bird, MD
Current Position: Medical Director, Child and Adolescent Psychiatry at Joe DiMaggio Children’s Hospital, and Associate Professor of Psychiatry at University of Miami, Florida Atlantic University

Through the AACAP Pilot Award, Dr. Rube was able to get his academic career off the ground. Although he has not pursued a research oriented career, he supports those working with him to pursue topics that have interested them. Being involved in research in his early career set the stage for a career that has evolved, program development, administration and clinical work across the age and diagnostic spectrum. His pilot project looked at diabetic children and their families, which had a direct impact in his current position working on the psychiatric issues facing medically fragile children. Throughout his career, he has served as an educator and supervisor for medical students, adult psychiatry residents, and child and adolescent psychiatry fellows.
Through the AACAP Pilot Award, Dr. Bostic was able to work on a specific project with incredible national leaders in child psychiatry. With broad mentorship at different institutions, with sometimes different approaches, the thoughts, planning, review of it all was a cohesive process, illuminative of the noteworthy positive community of child psychiatry. He was ultimately able to work a project through to completion and publish results in the *Journal of Child and Adolescent Psychopharmacology*. The experience of working with passionate others, both at his home institution, and beyond—all aligned in efforts to improve the care of children, with that the priority and the model, that was the lasting benefit afforded by the AACAP Pilot Award.

**Jeff Bostic, MD, EdD, Supported by Lilly USA, LLC**

- **Institution:** Massachusetts General Hospital/McLean Hospital
- **Project Title:** Efficacy and Tolerability of Pemoline in Adolescents with ADHD
- **Mentor:** Joseph Biederman, MD
- **Current Position:** Professor of Clinical Psychiatry at MedStar Georgetown University Hospital

Through the AACAP Pilot Award, Dr. Bostic was able to work on a specific project with incredible national leaders in child psychiatry. With broad mentorship at different institutions, with sometimes different approaches, the thoughts, planning, review of it all was a cohesive process, illuminative of the noteworthy positive community of child psychiatry. He was ultimately able to work a project through to completion and publish results in the *Journal of Child and Adolescent Psychopharmacology*. The experience of working with passionate others, both at his home institution, and beyond—all aligned in efforts to improve the care of children, with that the priority and the model, that was the lasting benefit afforded by the AACAP Pilot Award.

**Daniel A. Geller MD, Supported by Lilly USA, LLC**

- **Institution:** McLean Hospital
- **Project Title:** Developmental Factors in Juvenile Obsessive Compulsive Disorder: Significance of Prepubertal Onset
- **Mentor:** Joseph Biederman, MD
- **Current Position:** Massachusetts General Hospital/Harvard Medical School Professor of Psychiatry

Through the AACAP Pilot Award, Dr. Geller was able to receive his first-ever grant. It provided him with momentum and encouragement early in his career. He has since gone on to receive a K08 and several R01 NIMH awards and lead a productive research career.

**Janet Wozniak, MD, Supported by Lilly USA, LLC**

- **Project Title:** A Pilot Family-Genetic Study of Prepubertal Children with Bipolar Disorder
- **Current Position:** Department of Psychiatry, Massachusetts General Hospital, Harvard Medical School, Director of Pediatric Psychopharmacology Clinical and Research Program and Associate Chief, Quality and Safety

Through the AACAP Pilot Award, Dr. Wozniak was able to obtain the support needed to begin her research career addressing the course, characteristics, and treatment of pediatric bipolar disorder. With this preliminary data, she was awarded a NIMH K08 Career Development Award and then a NIMH R01. With this additional support, she expanded her pilot research from the AACAP award into the largest family genetic study of pediatric bipolar disorder. Due to her ongoing clinical work and research, which began with an AACAP Pilot Research Award, she is regarded as an expert on pediatric bipolar disorder and have risen to be Director of the MGH Pediatric Psychopharmacology Clinical and Research Program.
FROM AACAP’S PILOT AWARD TO AACAP’S K12 AWARD

NIDA/AACAP Physician Scientist Program in Substance Use Career Development Award (K12), Supported by National Institute on Drug Abuse (NIDA)

- Provides up to five years of salary support, research support, and mentored addiction research training
- For qualified child and adolescent psychiatrists specializing in substance use research
- Leadership provided by principal investigator and advisory committee mentors within AACAP membership

Goals:
- Increase the number of child and adolescent psychiatrist investigators conducting both addiction and mental health research
- Disseminate pediatric addiction research to increase scientific knowledge and improve clinical practice

History:
- First granted to AACAP in 1998
- 24 scholars completed the program between 1998–2021
- 8 current scholars received the award in 2021

Aviva Olsavsky, MD 2018 Pilot Awardee and 2021 K12 Scholar

Institution: University of Colorado Denver/Children’s Hospital
Colorado
Project Title: Project SIMBA: Stress in Moms and Babies
Mentor: Larry Wissow, MD, MPH

Pilot Award Supported by AACAP

Dr. Olsavsky is currently Assistant Professor at University of Colorado School of Medicine, Departments of Psychiatry and Obstetrics/Gynecology.

Through the AACAP Pilot Award, Dr. Olsavsky was able to obtain initial neuroimaging pilot data to supplement her task-based behavioral and clinical data from Project SIMBA (Stress in Moms and Babies). Since being a pilot awardee, Dr. Olsavsky has published papers in multiple journals including, Social Cognitive and Affective Neuroscience, Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, Current Psychiatry Reports, and Zero to Three. Dr. Olsavsky is currently on a career development award through the NIDA/AACAP K12 program, and is studying postpartum cannabis use and parental early adversity, and how these phenomena impact the way postpartum people process their infant’s cues and interact with their infants.
Dr. Saunders is currently Assistant Professor of Psychiatry in the Division of Child Psychiatry at Columbia University and New York State Psychiatric Institute.

Through the AACAP Pilot Award, Dr. Saunders was able to be prepared for a career in research within child psychiatry, and provided pilot data for subsequent R- and K-Awards. “I would not be where I am at in my career without the AACAP Pilot Research Award.”

Dr. Vidal is currently Assistant Professor of Child and Adolescent, Department of Psychiatry and Behavioral Sciences, Johns Hopkins University.

Through the AACAP Pilot Award, Dr. Vidal was able to conduct research on social factors influencing depression in adolescents. The results were published in scientific papers and allowed her to complete her PhD dissertation on social hierarchies and mental health in adolescents. She is currently an awardee of the AACAP Physician Scientist Program in Substance Use K12 Career Development Award with which she is expanding research on pediatric depression by studying cannabis use and suicide in adolescents and the associated social and physical environmental influences using ecological momentary assessment.
FROM AACAP’S PILOT AWARD TO AACAP’S K12 AWARD

| Amy Yule, MD | Institution: Massachusetts General Hospital  
| Project Title: The Impact of Exposure to Parental Substance Use Disorders (SUD) on SUD Risk in Growing-Up Boys and Girls  
| Mentor: Timothy E. Wilens, MD  
| Pilot Award Supported by Lilly USA, LLC |

**Dr. Yule is currently** the Director of Adolescent Addiction Psychiatry at the Boston Medical Center and an Assistant Professor of Psychiatry at the Boston University School of Medicine.

**Through the AACAP Pilot Award, Dr. Yule was able to** gain practical experience in working with a research assistant, working with a biostatistician on a complicated secondary analysis, and managing a budget. The award also helped build her confidence to pursue a research career and laid the groundwork to pursue future research awards such as a two-year institutional award and a subsequent career development award through AACAP/NIDA. She continues to be funded by NIDA and is a mPI on a Helping End Addiction Long Term Initiative Prevention grant.

| Leslie Hulvershorn, MD | Institution: New York University Child Study Center and New York University Langone Medical Center  
| Project Title: Abnormal Corticolimbic Functional Connectivity Associated with Emotional Lability but not Hyperactivity in Children with ADHD  
| Mentors: F. Xavier Castellanos, MD, Rachel Klein, PhD, Amy Krain Roy, PhD, and Michael P. Milham, MD, PhD  
| Pilot Award Supported by AACAP’s Elaine Schlosser Lewis Fund |

**Dr. Hulvershorn is currently** a tenured Associate Professor of Psychiatry at the Indiana University School of Medicine (IUSM). She also directs the Mood and Adolescent Substance Abuse Clinics at IUSM and serves as the Medical Director at Indiana’s Division of Mental Health and Addiction.

**Through the AACAP Pilot Award, Dr. Hulvershorn was able to** fund the preliminary data needed for three grants awarded to her in 2010–11 by NARSAD, Klingenstein Third Generation Foundation, and IU Health Values Fund. Dr. Hulvershorn was able to generate the data for her 4-year Career Development Award (K12), funded by NIDA and AACAP. In 2016, she was awarded a Research Project Grant (R01) from the NIH to study risky decision-making in high-risk youth.
Dr. Gray is currently Professor in the Department of Psychiatry and Behavioral Sciences at Medical University of South Carolina.

The AACAP Pilot Award was an essential early step in Dr. Gray’s development as a physician-scientist focused on understanding and addressing youth substance use. Dr. Gray progressed from the AACAP Pilot Research Award to the AACAP/NIDA K12 Award and subsequent portfolio of independent NIH funding for a program of research and mentorship that remains aligned with the focus of his initial AACAP Pilot Research Award. He mentors multiple junior faculty and postdoctoral fellows and serves as Principal Investigator for the NIDA/AACAP K12 program.

Dr. Ivanov is currently Professor at the Department of Psychiatry at the Icahn School of Medicine at Mount Sinai and Division Chief of Child Psychiatry at Mount Sinai Morningside.

Through the AACAP Pilot Award, Dr. Ivanov became familiar with details and specifics of clinical neurobehavioral research, which informed aspects of clinical work with traumatized children.
Dr. Hopfer is currently Professor in the University of Colorado Denver Department of Psychiatry and Medical Director, Center for Dependency, Addiction, and Rehabilitation (CeDAR) in the Division of Substance Dependence.

Through the AACAP Pilot Award, Dr. Hopfer was provided with critical seed funding that helped develop his skills in study design and implementation. This led to a successful career as a NIDA funded researcher over the past 25 years focused on the genetics of adolescent-onset substance use disorders and more recently, understanding the impact of cannabis legalization on mental health.

Dr. Grice is currently Professor in the Department of Psychiatry at Icahn School of Medicine at Mount Sinai.

The AACAP Pilot Research Award was awarded at the latter part of Dr. Grice’s fellowship training so the award provided her with the opportunity to visit successful research labs as she began her own independent career and also to build professional connections within the child psychiatry research field. Since that time, Dr. Grice’s research has focused on learning more about the risk architecture of childhood onset neuropsychiatric disorders with a special focus on understanding genetic factors associated with OCD, Tourette disorder and autism spectrum disorder.
"A diversified portfolio of research initiatives is needed not only to expand the body of scientific knowledge about mental disorders of childhood, but also to heighten society’s awareness of these disorders and the enormous social costs they entail."
- 1989 Institute of Medicine Report

Participation in the Research Institute is open to active researchers across disciplines whose work addresses child and adolescent mental health. Representatives from parent advocacy groups, federal parties, and members of industry or private corporations are also encouraged to attend.

Purpose:
The Research Institute takes place each year at AACAP’s Annual Meeting. The purpose of the Institute is to drive the research policy agenda of child and adolescent psychiatry.

How:
Research Committee members invite speakers to discuss topics that promote the creation of an intellectual environment and support scientific inquiry into the development of more effective treatments for patients and improvement of our understanding of mental health.

Goals:
• To emphasize the importance of research in child and adolescent psychiatry and the study of mental illness;
• To improve the dissemination of research-supported information relevant to the mental health of children and adolescents; and
• To create an environment that encourages scientific exploration and collaboration with investigators across disciplines.

The 2022 Research Institute presenters “were all so good. By far the most I have gotten out of any AACAP session...I loved it! Such an exciting topic!” - 2022 Research Institute Attendee
2023 RESEARCH INSTITUTE

Expert Insights on What the Future Holds for Individual-Level Prediction in Child and Adolescent Psychiatry

Thursday, October 26, 2023
3:30 pm–5:30 pm

Co-chairs

Benjamin I. Goldstein, MD, PhD
University of Toronto

Heather Marie Joseph, DO
University of Pittsburgh

Speakers & Presentation Titles

Anna Van Meter, PhD
NYU Grossman School of Medicine
Digital Phenotyping – A Novel Approach to Improve Diagnosis and Treatment for Youth

Deanna M. Barch, PhD
Washington University in St. Louis
The Challenges and Opportunities of Big Data for Individual-Level Prediction: Illustration From the ABCD Study

Tyrone Cannon, PhD
Yale University
Individualized Prediction Models for Psychosis and Related Outcomes in Youth at Clinical High-Risk

John N. Constantino, MD
Emory University School of Medicine
From Genes to Brain to Behavior in Early Childhood Development

Danella M. Hafeman, MD, PhD
University of Pittsburgh School of Medicine
Bipolar Polygenic Risk and Person-Level Prediction

Matthew Nock, PhD
Harvard College
Using New Technologies to Improve Individual-Level Prediction of Suicidal Thoughts and Behavior
<table>
<thead>
<tr>
<th>Year</th>
<th>Topic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2022</td>
<td>Child and Adolescent Psychiatry in the Era of Genomics</td>
<td>Clinicians are introduced to cutting-edge research in the genetics of child and adolescent psychiatric disorders and the emerging role of genetic tests in clinical practice.</td>
</tr>
<tr>
<td>2021</td>
<td>Heeding the Data: The Impact of Racism on the Lives and Mental Health of Children</td>
<td>Highlighting important research that demonstrates the impact of racism as a specific determinant of mental health in children and families in the United States. The Institute focused on the pervasive structural racism in education, practice, and access to care as reflected in the scientific obfuscation of research or data on racism and its impact on health and mental health.</td>
</tr>
<tr>
<td>2020</td>
<td>Vistas of Neurotherapeutics in Child and Adolescent Psychiatry</td>
<td>Highlighting research related to rapidly evolving neurotherapeutics and brain stimulation modalities that hold the promise of augmenting or providing alternatives to current treatment approaches for neurodevelopmental disorders in children and adolescents.</td>
</tr>
<tr>
<td>2019</td>
<td>Techno-Psychiatry: Child Psychiatry in the Digital Age</td>
<td>Highlighting the strengths, challenges, and promises of technological advancements in child and adolescent psychiatry research and clinical practice, with an emphasis on ethical issues and client perspectives.</td>
</tr>
<tr>
<td>2018</td>
<td>Treatment Updates in Pediatric Depression and Suicidality</td>
<td>Providing updates on the detection, evaluation, and treatment of depression and suicidality in children and adolescents.</td>
</tr>
<tr>
<td>2017</td>
<td>This Is Your Brain on Child Psychiatry. Any Questions? A Practical Update on the Impact of Neuroimaging Findings in Child Psychiatry</td>
<td>Providing updates on the current state of neuroimaging research from a practical, clinician-focused standpoint and discussing future challenges and opportunities for clinically relevant imaging research.</td>
</tr>
<tr>
<td>2016</td>
<td>Epigenetics in Child and Adolescent Psychiatry</td>
<td>Providing an overview of epigenetic mechanisms and a discussion of the integration of epigenetics into child and adolescent psychiatry research. The basic epigenetic mechanisms that connect environmental experience with outcomes and how physician-scientists and clinical researchers have integrated epigenetic approaches into their research.</td>
</tr>
<tr>
<td>2015</td>
<td>What’s Up in Child Addiction Research: A Focus on Methodology</td>
<td>Providing a higher level of understanding of the methodology of studies of substance use disorder research in pediatric and young adult populations.</td>
</tr>
<tr>
<td>2014</td>
<td>The Use of Research Domain Criteria (RDoC) for the Study of Psychopathology</td>
<td>Holding an interactive discussion on the unveiling of RDoC as part of the National Institute of Mental Health’s strategic plan. Enhancing the understanding of RDoC for child and adolescent psychiatry and outlining initial steps for the best approach by which RDoC and DSM-5 can be effectively utilized.</td>
</tr>
<tr>
<td>2013</td>
<td>Sensitive Periods in Brain Development: Implications for Child Psychopathology and Therapeutics</td>
<td>Introducing participants to the most current empirical studies that inform whether there may be sensitive periods in human emotional development. Considerations for next steps in research and how such sensitive periods may be applicable to treatment models in developmental psychopathology.</td>
</tr>
<tr>
<td>Year</td>
<td>Topic</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>2012</td>
<td>Preventing Psychopathology in Childhood and Adolescence</td>
<td>Introducing participants to principles of universal and targeted prevention in medicine, mechanisms involved in mental illness risk and resilience, and novel clinical applications of psychiatric prevention efforts in youth at familial and clinical high risk for exemplary major psychiatric disorders with pediatric onset</td>
</tr>
<tr>
<td>2011</td>
<td>Advancing Biomarker Sciences in Pediatric Psychiatry</td>
<td>Introducing participants to biomarker sciences as applied to the development of diagnostic, prognostic, and treatment biomarkers in pediatric psychiatry</td>
</tr>
<tr>
<td>2010</td>
<td>Perspectives on Current Pediatric Psychopharmacology Research Needs</td>
<td>Identifying the direction of future research on psychopharmacological treatments for youth with psychiatric disorders after the passage of the FDA Modernization Act, the Best Pharmaceuticals for Children Act, and the Pediatric Research Equity Act</td>
</tr>
<tr>
<td>2009</td>
<td>Investigating the Effects of Psychotherapy on Children and Adolescents: Learning from the Past—Moving Forward</td>
<td>Discussion on the psychotherapy components of studies such as TORDIA, MTA, TADS, CAMS, POTS, and ADAPT that changed the shape of child psychiatry practice and research and raised as many questions as they answered</td>
</tr>
<tr>
<td>2008</td>
<td>Longitudinal Research – What Is It Informing Us About Clinical Disorders and Psychopathology?</td>
<td>The course of the common psychiatric disorders of childhood and the extent to which variation of outcome within a single diagnosis reflects subtype, comorbidity, or other elements identifiable at the time of diagnosis</td>
</tr>
<tr>
<td>2007</td>
<td>The Future of Neuroimaging: Relevance for Child Psychiatry</td>
<td>Focusing on key insights emerging for various conditions based on diverse methods Reviewing the results from studies of both normal and abnormal development that relied on a range of brain imaging methods</td>
</tr>
<tr>
<td>2006</td>
<td>Protective and Risk Factors in Pediatric Bipolar Disorder: Predicting Outcomes</td>
<td>Examining rates of recovery for children, adolescents, and adults with bipolar disorder Determining what developmental and other differences and commonalities might emerge when various outcomes are considered</td>
</tr>
<tr>
<td>2005</td>
<td>Research Literacy: Speeding the Adoption of Evidence-Based Medicine (EBM) in Pediatric Psychiatry</td>
<td>Demonstrating the readily available and wide applicability of EBM as applied to research, post-graduate and medical education, and clinical practice</td>
</tr>
<tr>
<td>2004</td>
<td>Issues in the Conduct and Interpretation of Studies of Adolescent Depression</td>
<td>Reviewing problems and controversies that have become apparent in conducting and interpreting treatment research in adolescent depression</td>
</tr>
<tr>
<td>2003</td>
<td>Assessment of Safety in Child Mental Health Research: Obstacles and Opportunities</td>
<td>Addressing the need to develop better methods for assessing the safety of psychosocial and psychopharmacological treatments in controlled clinical trials</td>
</tr>
</tbody>
</table>
Psychedelics as Therapeutics: Research Advances and Implications for Practice

Kevin M. Gray, MD, and Paul E. Croarkin, DO, MS
Tuesday, October 24, 2023
6:30 pm-8:30 pm

The Research Symposium takes place each year at AACAP’s Annual Meeting to bring the practicing clinician and academician a review and discussion of advanced scientific techniques and demonstrate how they are relevant to the contemporary, clinical practice of child and adolescent psychiatry.

2023 Presenters

David J. Hellerstein, MD
Recent Research Advances in Psychedelic Therapeutics

David J. Hellerstein, M.D., is a research psychiatrist at the New York State Psychiatric Institute, New York, NY, and Professor of Clinical Psychiatry at the Columbia University Irving Medical Center. He is Director of the Depression Evaluation Service (DES), which conducts studies of novel treatment of conditions including major depression, chronic depression, and bipolar disorder. Since 2018, the DES has taken a leadership role in conducting studies of psychedelic medications including psilocybin for depression and other disorders.

Tiffany R. Farchione, MD,
Regulatory Perspectives on Psychedelic Therapeutics

Dr. Farchione received her medical degree from Wayne State University in Detroit, Michigan, and completed adult residency and child & adolescent fellowship training at the University of Pittsburgh’s Western Psychiatric Institute and Clinic. Dr. Farchione is board certified in both general and child & adolescent psychiatry. Prior to joining FDA in 2010, Dr. Farchione was affiliated with the University of Pittsburgh Medical Center, and was on the faculty of the University of Pittsburgh. As the Director of the Division of Psychiatry in the Office of Neuroscience at FDA, Dr. Farchione is involved in the oversight of new drug review for all psychiatric drug development activities conducted under Investigational New Drug (IND) applications, and the review of all New Drug Applications (NDAs) and supplements for new psychiatric drug claims.
<table>
<thead>
<tr>
<th>Year</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>2022</td>
<td>A Real Treat: Advances in Implementation and Treatment Trial Methodology and Design for Child and Adolescent Psychiatrists</td>
</tr>
<tr>
<td></td>
<td>- Present and discuss new treatment study approaches: 1) pragmatic clinical trials (PCTs); and 2) implementation science, so that child and adolescent psychiatrists understand these approaches and how to leverage this information for better patient outcomes.</td>
</tr>
<tr>
<td>2021</td>
<td>Leveraging National Data Sources to Rapidly Identify the Early Impact of the COVID-19 Pandemic</td>
</tr>
<tr>
<td></td>
<td>- 12 national studies that combine timely, publicly available large data sources to rapidly report on the impact of national school closures and change in mental health-related emergency department (ED) use among US children.</td>
</tr>
<tr>
<td>2020</td>
<td>Developments In Irritability: An Old Phenotype With New Frontiers</td>
</tr>
<tr>
<td></td>
<td>- Highlight advances in transdiagnostic and diagnosis-specific conceptualizations of irritability</td>
</tr>
<tr>
<td></td>
<td>- Discuss emerging insights into relevant neural mechanisms</td>
</tr>
<tr>
<td>2019</td>
<td>Advances in the Genetics of Neurodevelopmental Disorders: Translating Findings to the Clinic</td>
</tr>
<tr>
<td></td>
<td>- Highlight advances in the genetics of ASDs</td>
</tr>
<tr>
<td></td>
<td>- Provide a roadmap for translation of this information into clinical practice</td>
</tr>
<tr>
<td>2018</td>
<td>Opioids From the Receptor to the Clinic</td>
</tr>
<tr>
<td></td>
<td>- Molecular Pharmacology of Opioids: Chronic Stress and Developmental Exposures</td>
</tr>
<tr>
<td></td>
<td>- Opioid Use Disorders in Youth: NIDA Research Advances and Implications</td>
</tr>
<tr>
<td>2017</td>
<td>Social Neuroscience and Child and Adolescent Psychiatry Research Priorities at NIMH</td>
</tr>
<tr>
<td></td>
<td>- Combining Electrophysiology and Functional Magnetic Resonance Imaging to Study Social Visual Cognition</td>
</tr>
<tr>
<td></td>
<td>- Advancing Child and Adolescent Psychiatric Research: A View from the NIMH</td>
</tr>
<tr>
<td>2016</td>
<td>Behavioral Neuroscience</td>
</tr>
<tr>
<td></td>
<td>- Development of Human Emotion Regulation Neurobiology and the Role of the Caregiver</td>
</tr>
<tr>
<td></td>
<td>- Caregiver Presence Modifies Neural Networks Processing of Trauma in Infancy</td>
</tr>
<tr>
<td>2015</td>
<td>Founders of the Research Initiative Symposium</td>
</tr>
<tr>
<td></td>
<td>- Anxiety, Cognition, and Habit: A Memory Systems Perspective</td>
</tr>
<tr>
<td></td>
<td>The role of exome sequencing and other genetic tests in child and adolescent psychiatry</td>
</tr>
<tr>
<td>2014</td>
<td>Founders of the Research Initiative Symposium</td>
</tr>
<tr>
<td></td>
<td>- Serotonin and Autism Spectrum Disorder: Clues to a 50 Year Old Mystery</td>
</tr>
<tr>
<td></td>
<td>- Genetic Mechanisms Controlling the Development of the Forebrain</td>
</tr>
<tr>
<td>2013</td>
<td>Founders of the Research Initiative Symposium</td>
</tr>
<tr>
<td></td>
<td>- The Brain Adapts All Life Long</td>
</tr>
<tr>
<td></td>
<td>- The Legacy of Childhood Malnutrition: Mental Health Over the Life Span</td>
</tr>
</tbody>
</table>
# Research Symposium Foci: 2012-2005

<table>
<thead>
<tr>
<th>Year</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 2012 | **Social Context in Development**  
- Lessons from Songbirds about Basal Ganglia Circuits, Social Context, and Learning  
- Lessons From Children About Health Disparities, Social Context, and Methodological Quandaries |
| 2011 | **Phenotypes, Genetics, Imaging, and Networks**  
- Recent Progress in Gene Identification for Selected Neurologic Disorders: Relevance to Psychiatry  
- Recent Advances in Neurodevelopmental Imaging in Children and Adolescents: Structural Connectivity and Health Neurodevelopment |
| 2010 | **Stress, Anxiety, and the Developing Brain**  
- Fearful brains  
- Risk for Anxiety during Adolescence: Insights from Human Imaging to Mouse Genetics  
- Diverse Mechanisms of Sex and Stress Hormone Action throughout the Brain: The Significance of Structural and Functional Plasticity |
| 2009 | **Contributions of Genetics and Experience in Shaping the Development of Brain and Behavior**  
- The Critical Role of Early Experience in the Development of Brain and Behavior: A Study of Spatial Hearing in Barn Owls  
- The Importance of Early Life Experience on Behavioral Affect Regulation  
- The Clinical-Basic Research Interface Leading to New Insights into Autism Spectrum Disorders |
| 2008 | **Genetics and Child Psychiatry: Dynamic Interplay of Phenotype, Genotype, and Treatment**  
- Epidemiology and Genetics: Refining and Redefining Early Onset Psychiatric Disorders  
- Fragile X, From Synaptic Structure to a Possible Treatment-Related Biomarker  
- Diabetes Mellitus: A Model for Genetic Studies of Autism and Other Childhood Psychiatric Disorders |
| 2007 | **Genetic and Epigenetic Influences on Brain Development and Behavior, and Their Importance for Understanding Childhood Psychiatric Disorders**  
- Genetic and epigenetic influences on brain development and behavior Their importance for understanding childhood psychiatric disorders |
| 2006 | **New Neuroscience Approaches to Neurodevelopmental Disorders** |
| 2005 | **Translating Neuroscience into Clinical Practice: What is Applicable Now**  
- Human genetics  
- Molecular genetics  
- Neuroimaging approaches to developmental psychopathology |
Research Colloquium Purpose and Goals

Early research career child and adolescent psychiatrists receive a full day of mentorship from leaders in the field and secure ongoing regular mentorship by experienced child psychiatry researchers to bolster the chances of independent grant funding as a principal investigator of a career development (K) award or other equivalent National Institutes of Health grant.

**Goals**
- To increase the number of child and adolescent psychiatry researchers.
- To advance the field’s research.
- To develop the next generation of investigators.

**2023 Research Colloquium for Early Career Investigators**
**Co-chairs: David Cochran, MD, PhD, and Kate D. Fitzgerald, MD**
**October 24, 2023, 8:30 am-4:00 pm**

Research Colloquium Agenda

I. Welcome and Introductions

II. NIH Priorities, Geetha Subramaniam, MD (NIDA) and Anna Ordóñez, MD, MAS and Anita Bechtholt, MD (NIMH)

III. Contemporary Issues for Clinician Scientists
- Mentorship/keeping zeal for science while applying for grants: Kevin Gray, MD
- Diversity, equity, and inclusion needs in pursuing a research career: Karen Martinez-Gonzalez, MD, MSc, and Kevin Simon, MD
- Work/life balance or when to say yes/no as a leader: Daniel Dickstein, MD, and Leslie Hulvershorn, MD

IV. Working Lunch – Personal K Stories

V. 1:1 Mentee:Mentor Meetings

VI. Grant Feedback Blitz

VII. Reflections on Grant Writing and Feedback

VIII. Closing
Daniel Dickstein, MD  
Co-chair  
McLean Hospital  
ddickstein@mclean.harvard.edu

Manpreet K. Singh, MD, MS  
Co-chair  
Stanford School of Medicine  
mksinghe@stanford.edu

Abidemi Adegbola, MD  
Member  
University Hospitals of Cleveland  
axa886@case.edu

David Cochran, MD, PhD  
Member  
University of Massachusetts Medical Center  
david.cocharne@umassmemorial.org

Rasim Somer Diler, MD  
Member  
Western Psychiatric Institute and Clinic  
dilerrs@yahoo.com

Kate D. Fitzgerald, MD  
Member  
Columbia University  
 kf2688@cumc.columbia.edu

Lisa R. Fortuna, MD, MPH  
Member  
University of California, Riverside  
Lisa.Fortuna@medsch.ucr.edu

Anne Glowinski, MD, MPE  
Member  
University of California, San Francisco  
anne.glowinski@ucsf.edu

Kevin M. Gray, MD  
Member  
Medical University of South Carolina  
greykm@samsc.edu

Ellen J. Hoffman, MD, PhD  
Member  
Yale School of Medicine  
Ellen.hoffman@yale.edu

Leslie Hulvershorn, MD, MSc  
Member  
Indiana University  
lhulvers@iupui.edu

Kevin M. Simon, MD  
Member  
Boston Children’s Hospital/Harvard Medical School  
kevin.simon@childrens.harvard.edu

Jeremy Veenstra-VanderWeele, MD  
Member  
Columbia University  
Jeremy.Veenstra-VanderWeele@nyspi.columbia.edu

Carmen J. Thornton, MPH, MCHES  
Staff Liaison  
AACAP  
c Thornton@aacap.org

Sarah Hellwege, MEd  
Staff Liaison  
AACAP  
shellwege@aacap.org
The American Academy of Child and Adolescent Psychiatry expresses appreciation to the following companies that have contributed to AACAP’s Research Programs in 2020-2023.

**AACAP RESEARCH PROGRAM SPONSORS**

ARBOR PHARMACEUTICALS, LLC
SUNOVION PHARMACEUTICALS, INC.
SUPERNUS PHARMACEUTICALS, INC.