

# Vanderbilt Kennedy Center Science Day

## Thursday, Nov. 30, 2023

- 10:30 a.m. **Check-in, poster hanging begins; lunch available in Student Life Center lobby**
- 11:45 a.m. **Welcome and Opening Remarks**
- **Jeff Neul, M.D., Ph.D.**, Vanderbilt Kennedy Center Director
  - **Blythe Corbett, Ph.D.**, Science Day Chair
- 11:55 a.m. **Introduction of Keynote Speaker**  
**Blythe Corbett, Ph.D.**, Science Day Chair
- 12:00 p.m. **Keynote Address: *Updates on Behavioral Phenotyping of Rare Genetic Conditions Associated with Neurodevelopmental Disorders (GCAND)***  
**Audrey Thurm, Ph.D.**, Director, Neurodevelopmental and Behavioral Phenotyping Service, Intramural Research Program, National Institute of Mental Health
- 1:00 p.m. **Poster Session 1**
- 2:00 p.m. **Poster Session 2 – wine and cheese reception begins at 2:30 p.m.**
- 3:00 p.m. **Introduction of VKC Data Blitz presenters**  
**Blythe Corbett, Ph.D.**, Science Day Chair
- Data Blitz Presenters:**
- **Zachary Williams** (*Clinical/Behavioral/Education/Intervention*): “An overlooked mental health condition: First estimates of prevalence and clinical correlates of misophonia in cognitively able autistic adults”
  - **Anne Byrd Mahoney** (*Clinical/Behavioral/Education/Intervention*): “Child and Caregiver Perspectives on COVID-19 Experiences During Pediatric Cancer Treatment: A Mixed Methods Approach”
  - **Hyeon-Seung Lee** (*Systems Neuroscience*): “Novel Measures of Social Cognition Captures Improvement Following Virtual Reality Social Skills Training in Schizophrenia”
  - **Jason Russell** (*Systems Neuroscience*): “Assessing the Relationship between Central Cholinergic Integrity and Amyloid Accumulation in Individuals with Down Syndrome Using [18F]-FEOBV and [11C]-PiB PET: Preliminary Data”
  - **Adriana Tienda** (*Cellular & Molecular Neuroscience*): “Chronic developmental manganese exposure alters response to amphetamine and methylphenidate”
  - **Xia Lei** (*Cellular & Molecular Neuroscience*): “Activation Mechanisms for Context-Dependent Allosteric Modulation of the mGlu7 receptor”
- 4:00 p.m. **Door Prizes, Announcement of 2023 VKC Science Day Poster Award winners, Closing Remarks**
- **2023 VKC Science Day Theme Committee Members:**
    - **Blythe Corbett, Ph.D.** (*Undergraduate, Science Day Chair*), James G. Blakemore Chair and Professor of Psychiatry & Behavioral Sciences; Professor of Psychology
    - **Rachael Muscatello, Ph.D.** (*Systems Neuroscience*), Research Assistant Professor of Psychiatry & Behavioral Sciences
    - **Brad Grueter, Ph.D.** (*Cellular and Molecular Neuroscience*), Assistant Professor of Anesthesiology, Molecular Physiology & Biophysics, and Psychiatry & Behavioral Sciences
    - **Stephen Camarata, Ph.D.** (*Clinical/Behavioral/Education/Intervention Research*), Professor of Hearing & Speech Sciences and Psychiatry & Behavioral Sciences
  - **Jeff Neul, M.D., Ph.D.**, VKC Director
- 4:30 p.m. **Posters Removed**