

## Education | Honors | Grants | Teaching | Diversity | Invited Lectures | Publications

### Lucina Q. Uddin, Ph.D.

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### Education

University of California Los Angeles  
September 2001-June 2006

Ph.D., Psychology/Cognitive Neuroscience  
Behavioral Neuroscience Area

University of California Los Angeles  
September 1997-June 2001

B.S., Neuroscience/Philosophy minor  
Magna Cum Laude, College Honors

### Faculty Appointments

#### University of California Los Angeles

- July 2023-current: Professor, Department of Psychology, Developmental Area
- November 2022-current: Justice, Equity, Diversity, and Inclusion (JEDI) Associate Director, Adolescent Brain Cognitive Development (ABCD)
- September 2021-current: Professor-in-Residence, Department of Psychiatry and Biobehavioral Sciences
- September 2021-current: Co-director of Center for Cognitive Neuroscience Analysis Core, Semel Institute for Neuroscience and Human Behavior
- September 2021-current: Member, Brain Research Institute
- November 2021-current: Member, Interdepartmental Ph.D. Program for Neuroscience

#### University of Miami

- November 2018-August 2021: Founding Director, Cognitive and Behavioral Neuroscience Division, Department of Psychology
- June 2017-August 2021: Associate Professor, Department of Psychology
- June 2017-August 2021: Founding Director, Cognitive and Behavioral Neuroscience Graduate Program, Department of Psychology
- January 2014-May 2017: Assistant Professor, Department of Psychology
- June 2014-August 2021: Member, Neuroscience Graduate Program

#### Stanford University

- April 2010-December 2013: Instructor, Department of Psychiatry and Behavioral Science – Child Psychiatry

### Postdoctoral Training

#### Stanford University

July 2008-March 2010: Stanford Cognitive and Systems Neuroscience Laboratory

- *Principal Investigator*: Dr. Vinod Menon

#### New York University

July 2006-June 2008: New York University, Child Study Center

- *Principal Investigator*: Dr. F. Xavier Castellanos

### Graduate Training

September 2001-June 2006: UCLA Department of Psychology

- *Dissertation advisors*: Drs. Eran Zaidel & Marco Iacoboni (co-chairs)

- *Committee:* Drs. Barbara Knowlton, Mirella Dapretto & Matt Lieberman
- *Dissertation title:* Neural correlates of visual self-recognition

## Honors, Awards & Distinctions

Google Scholar h-index: 73, i10-index 154, Total Citations > 38,590

- UCLA Brain Research Institute, 2023-2024 (\$2,920), ABCD Data Analysis Affinity Group
- **Flux: The Society for Developmental Cognitive Neuroscience Linda Spear Mid-career Award, 2023**
- **Society of Biological Psychiatry (SOBP) A.E. Bennett Award for Basic Research, 2023 (\$5,000)**
- Expertscape “World Expert in the Brain”, 2021 (<https://expertscape.com/ex/brain>)
- **Organization for Human Brain Mapping (OHBM) Inaugural Diversity & Inclusivity Champion Award, 2021 (\$2,500)**
- **University of Miami Provost Research Award, 2021-2022 (\$17,000)**
- Brain Research Foundation Seed Grant Program University of Miami Nominee, 2021
- **University of Miami Department of Psychology Diversity, Equity, and Inclusion Faculty Award, 2020**
- Social Science Research Council Covid-19 Rapid-Response Grant, 2020 (\$4,500), “Exploring the psychosocial impacts of Covid-19 in children with autism”
- **University of Miami Department of Psychology Outstanding Faculty Mentoring Award, 2020**
- University of Miami Faculty Mentor of the Year Nominee, 2019-2020
- **University of Miami Provost Research Award, 2020-2021 (\$31,000, Co-PI with Andrew Dykstra)**
- Blavatnik National Awards for Young Scientists University of Miami Nominee, 2019
- Brain Research Foundation Scientific Innovations Award University of Miami Nominee, 2019
- **University of Miami Provost Research Award, 2019-2020 (\$20,500, Co-PI with Jason Nomi)**
- Blavatnik National Awards for Young Scientists University of Miami Nominee, 2018
- University of Miami Gabelli Senior Scholar Award, 2018-2021 (\$5000/year)
- **Canadian Institute for Advanced Research (CIFAR) Azrieli Global Scholar, Azrieli Program in Brain, Mind & Consciousness, 2018-2020**
- Web of Science Highly Cited Researcher, 2017-2020
- University of Miami Department of Psychology Flipse Funds, 2018 (\$1,800)
- University of Miami Scientists and Engineers Expanding Diversity and Success (SEEDS) “You Choose” Leadership Award, 2017 (\$2,500)
- University of Miami Department of Psychology Flipse Funds, 2017 (\$1,500)
- **Universal Scientific Education and Research Network (USERN) Laureate in Medical Sciences, 2017 (\$5,000)**
- **OHBM Young Investigator Award, 2017 (\$5,000)**
- **University of Miami Provost Research Award, 2017-2018 (\$17,000)**
- Landenberger Research Foundation University of Miami Nominee, 2016
- University of Miami Department of Psychology Flipse Funds, 2016 (\$2,000)
- University of Miami Scholarly & Creative Activities Recognition Award, 2016 (\$1,000)
- Dana Foundation David Mahoney Neuroimaging Program University of Miami Nominee, 2016

- **NIMH Biobehavioral Research Award for Innovative New Scientists (BRAINS), 2015-2020**
- Blavatnik National Awards for Young Scientists University of Miami Nominee, 2015
- University of Miami Scientists and Engineers Expanding Diversity and Success (SEEDS) “You Choose” Leadership Award, 2015 (\$2,500) with Jason Nomi
- Thomson Reuters Highly Cited Researcher, 2015-current
- University of Miami Department of Psychology Flipse Funds, 2015 (\$1,800)
- Landenberger Research Foundation University of Miami Nominee, 2015
- **University of Miami Provost Research Award, 2015-2016 (\$17,000)**
- University of Miami Scientists and Engineers Expanding Diversity and Success (SEEDS) “You Choose” Leadership Award, 2014 (\$2,500)
- Searle Scholars Program University of Miami Nominee, 2014
- **International Society for Autism Research (INSAR) Slifka/Ritvo Innovation in Autism Research Award, 2013 (\$12,500)**
- Mosbacher Postdoctoral Fellowship, Autism Working Group, Stanford University, 2009-2010 (\$20,000)
- Tashia and John Morgridge Endowed Postdoctoral Fellow: PRF-CHRP Postdoctoral Fellowship, Stanford University, 2008-2009 (\$35,000)
- Organization for Human Brain Mapping Travel Award, 2006 & 2011
- **National Science Foundation Graduate Research Fellowship, 2003-2006**
- UCLA Specialized Training Award, 2005; Conference Travel Grant, 2002 & 2005
- Honorable Mention, APA Minority Fellowship Program in Neuroscience, 2002

### **Grants & Research Support**

- Principal Investigator: Lucina Q. Uddin, 2023-2025  
NIH NICHD R21HD111805; \$275,000  
*Exploratory Investigation of Bilingualism, Executive Function, and Brain Organization in Children with Autism*
- Principal Investigator: Aaron S. Heller, 2023-2028 (Role: Co-I)  
NIH NIMH R01MH133693; \$2,971,079  
*Mapping Links Between Real-world Diversity, Positive Emotion, and Neural Dynamics in Anhedonia*
- Principal Investigator: Lucina Q. Uddin, 2022-2024  
UCLA Center for Autism Research and Treatment Pilot Grant Award; \$24,000  
*Exploring the Impact of Bilingualism on Executive Function and Brain Organization in Children with Autism*
- Principal Investigator: Susan Bookheimer, 2022-2025 (Role: Co-I)  
NIH NICHD P50HD103557  
*UCLA Intellectual and Developmental Disabilities Research Center*
- Principal Investigator: Susan Bookheimer, Mirella Dapretto, 2021-2027 (Role: Co-I)  
NIH NIDA U01DA050987  
*ABCD-USA Consortium: Research Project Site at UCLA*

- Principal Investigator: Manish Saggar, 2021-2026 (Role: Consultant)  
NIH NIMH R01MH127608  
*Examining the Hierarchical Structure of the RDoC Framework using Large-scale Data-driven Computational Approaches*
- Principal Investigator: Sierra Bainter, 2020-2025 (Role: Co-mentor)  
NIH NIMH Career Development Award K01MH122805  
*Bayesian Variable Selection Methods to Accelerate Identification of Important Psychological Predictors and Neural Substrates of Psychopathology*
- Principal Investigator: Roger McIntosh, 2018-2023 (Role: Co-mentor)  
NIH NHLBI Career Development Award K01HL139722  
*HIV-related Changes to the Central-autonomic Network and Associated Risk for Hypertension*

### **Completed Research Support**

- Principal Investigators: Ashutosh Agarwal, Andrew Dykstra, Lunthita Duthely, Lucina Q. Uddin, Wendy Cavendish, Katie Gant, Sylvia Daunert, 2020-2021  
University of Miami Laboratory for Integrative Knowledge Social Equity Challenge; \$99,790  
*Joint Academic Nurtureship for Underrepresented Students: A Science Technology Engineering Arts and Mathematics Initiative*
- Principal Investigator: Jason Nomi, 2019-2021 (Role: Co-I)  
NIH NIMH R03MH121668; \$150,500  
*Brain Signal Variability as a Novel Marker of Flexible Cognition in Autism*
- Principal Investigator: Lucina Q. Uddin, 2015-2021  
NIH NIMH BRAINS R01MH107549; \$2,319,596  
*Cognitive and Neural Flexibility in Autism*
- Principal Investigators: Lucina Q. Uddin, Melvyn A. Goodale, Andrew Dykstra, Jason Nomi, Ingrid S. Johnsrude, 2019  
Canadian Institute for Advanced Research Catalyst; \$37,619  
*Examining the Role of the Insular Cortex in Conscious Processing via Direct Cortical Recordings in Humans*
- Principal Investigator: Lucina Q. Uddin, 2018-2020  
Canadian Institute for Advanced Research; \$74,000  
Azrieli Program in Brain, Mind & Consciousness
- Principal Investigator: Jennifer C. Britton, 2018-2020 (Role: Co-I)  
NIH NIMH R21MH112928; \$263,375  
*Neural Circuitry of Valence Flexibility Across Development*
- Principal Investigator: Lisa Aziz-Zadeh, 2015-2020 (Role: Consultant)  
NIH NICHD R01HD079432  
*The Neurobiological Basis of Heterogeneous Social and Motor Deficits in ASD*

- Principal Investigators: Dalton Dietrich, Helen Bramlett, Lucina Q. Uddin, Lauren Shapiro, Odelia Schwartz, Dilip Sarkar, 2019  
University of Miami Laboratory for Integrative Knowledge; \$40,000  
*Personalized Treatment After Brain Injury: Combining Biological and Cognitive Factors with Machine Learning Approaches*
- Principal Investigator: Lucina Q. Uddin, 2018-2019  
National Science Foundation, BCS-1829174; \$30,000  
*Student Support for the Organization for Human Brain Mapping*
- Principal Investigator: Lucina Q. Uddin, 2017-2018  
NIH NIMH BRAINS R01MH107549-03S1; \$102,986 (Supplement)  
*Cognitive and Neural Flexibility in Autism*
- Principal Investigator: Lucina Q. Uddin, 2011-2018  
NIH Pediatric Loan Repayment Program  
*Structural and Functional Connectivity of Large-Scale Brain Networks in Autism Spectrum Disorders*
- Principal Investigators: Daniel Messinger, Lucina Q. Uddin, Chaoming Song, Neil Johnson, 2015-2017  
University of Miami Convergence Research Grant; \$120,000  
*Multi-scale Human Dynamics: Autism, Social Interaction, and the Brain*
- Principal Investigator: Lucina Q. Uddin, 2015-2017  
NARSAD Young Investigator Grant; \$65,000  
*Reconceptualizing Brain Connectivity and Development in Autism*
- Principal Investigator: Lucina Q. Uddin, 2010-2015  
NIH NIMH Career Development Award to Promote Diversity in Neuroscience Research; K01MH092288; \$817,671  
*Structural and Functional Connectivity of Large-Scale Brain Networks in Autism*

### Visiting Scholar Appointments

- Department of Psychology, University of California San Diego: July 15, 2020-June 30, 2021
- Rotman Institute of Philosophy, Western University, London, Ontario, Canada: September 21-28, 2019

### Teaching Experience: UCLA

- Instructor: April 2023-June 2023: *Neuro 215*  
Graduate course – Current Research Topics in Neuroimaging
- Guest Lecturer: May 19, 2022: *Psych 236B*  
Graduate course – Methods in Social and Affective Neuroscience: *Systems neuroscience*
- Co-Instructor: Jan 2022-March 2022: *Psych M297*  
Graduate course – Methods in Developmental Cognitive Neuroscience

### **Teaching Experience: University of Miami**

- Instructor: August 2019-December 2019: *Psych 697*  
Graduate course - Seminar in Biological Psychology: *Neuroimaging in the psychological sciences I: Methods*
- Instructor: August 2019-December 2019: *Psych 696*  
Graduate course – *Cognitive and behavioral neuroscience journal club*
- Instructor: January 2019-May 2019: *Psych 190*  
Undergraduate course - FORUM: *Brain networks in cognitive neuroscience*
- Instructor: January 2019-May 2019: *Psych 696*  
Graduate course – *Cognitive and behavioral neuroscience journal club*
- Instructor: January 2017-May 2017: *Psych 697*  
Graduate course - Seminar in Biological Psychology: *Neuroimaging in the psychological sciences I: Methods*
- Instructor: January 2016-May 2016: *Psych 474*  
Undergraduate course - *Cognitive neuroscience*
- Instructor: January 2016-May 2016: *Neu 190*  
Undergraduate course - FORUM: *Human brain dynamics*
- Guest Lecturer: September 16, 2015: *CMP 594*  
Undergraduate course - *Community Science: Brain imaging in autism*
- Guest Lecturer: September 15, 2015: *Neu 662*  
Graduate course - Systems Neuroscience: *Imaging approaches to the brain*
- Instructor: January 2015-May 2015: *Psych 697*  
Graduate course - Seminar in Biological Psychology: *Neuroimaging in the psychological sciences*
- Instructor: January 2015-May 2015: *Neu 190*  
Undergraduate course - FORUM: *Brain networks in cognitive neuroscience*
- Guest Lecturer: February 4<sup>th</sup>, 2015: *Psych 680*  
Graduate course - Seminar/Developmental Brownbag: *Development of brain connectivity in autism*
- Guest Lecturer: August 26 & 28, 2014: *Neu 662*  
Graduate course - Systems Neuroscience: *Imaging approaches to the brain I & II*

### **Teaching Experience: Asian University for Women and UCLA (pre-2010)**

- Instructor: July 2010-December 2010: Postdoctoral Teaching Fellow, Asian University for Women, Chittagong, Bangladesh  
-Designed and taught a course on The Mind at the first regional liberal arts institution for women in South Asia (<http://www.asian-university.org/>)
- Instructor: April 2005-September 2005: Teacher Training Practicum Program, Psychology Department, UCLA  
-Designed and taught *Psych 15: Introductory Psychobiology*, Summer 2005
- Teaching Assistant: January 2002-December 2005, Psychology Department, UCLA

*Psych 116*: Behavioral Neuroscience Laboratory, Spring 2003 & Fall 2005

*Psych 115*: Principles of Behavioral Neuroscience, Fall 2002, Summer 2003 & Summer 2004

*Psych 15*: Introductory Psychobiology, Winter 2003 & Fall 2003

*Psych 10*: Introductory Psychology, Summer 2002

*Psych 120*: Cognitive Psychology, Winter 2002

- Tutor: January 2000–June 2000, September 2001–March 2002 & July 2002, Academic Advancement Program, UCLA  
-Tutored organic chemistry, psychology, psychobiology, and behavioral neuroscience to undergraduate students from socioeconomically disadvantaged backgrounds

### **Teaching Experience: Educational Workshops**

- Workshop Lecturer: ISMRM Educational Session: Career Development & Public Engagement, May 15, 2021: “Communicating Specific Findings”
- Workshop Lecturer: Organization for Human Brain Mapping Educational Course, June 17, 2018: “Parcellate the brain using functional features: Resting-state functional connectivity subdivision”
- Workshop Lecturer: ESMRMB Lectures on MR; Resting State fMRI – Basic Concepts, Methods & Applications, Berlin, Germany, September 3, 2015, “Developmental Disorders”
- Workshop Lecturer: ESMRMB Lectures on MR; Resting State fMRI – Basic Concepts, Methods & Applications, Berlin, Germany, September 2, 2015, “Seed-based Correlations”
- Roundtable Participant: South Florida Child Psychology Research Conference, Florida International University, May 12, 2015, “The writing process: From soup to nuts”
- Workshop Lecturer: Martinos Center for Biomedical Imaging Connectivity Course: Structural and Functional Brain Connectivity via MRI and fMRI, Boston, Massachusetts, October 30, 2013, “Developmental Disorders”
- Workshop Lecturer: Martinos Center for Biomedical Imaging Connectivity Course: Structural and Functional Brain Connectivity via MRI and fMRI, Boston, Massachusetts, October 28, 2013, “Seed-based Correlations”
- Workshop Lecturer: ESMRMB Lectures on MR; Resting State fMRI – Basic Concepts, Methods & Applications, Vienna, Austria, September 4, 2013, “Developmental Disorders”
- Workshop Lecturer: ESMRMB Lectures on MR; Resting State fMRI – Basic Concepts, Methods & Applications, Vienna, Austria, September 3, 2013, “Seed-based Correlations”
- Workshop Lecturer: Martinos Center for Biomedical Imaging Connectivity Course: Structural and Functional Brain Connectivity via MRI and fMRI, Boston, Massachusetts, June 5, 2013, “Developmental Disorders”
- Workshop Lecturer: Martinos Center for Biomedical Imaging Connectivity Course: Structural and Functional Brain Connectivity via MRI and fMRI, Boston, Massachusetts, June 3, 2013, “Seed-based Correlations”
- Workshop Lecturer: Martinos Center for Biomedical Imaging Connectivity Course: Structural and Functional Brain Connectivity via MRI and fMRI, Boston, Massachusetts, December 13, 2012, “Developmental Disorders”
- Workshop Lecturer: Martinos Center for Biomedical Imaging Connectivity Course: Structural and Functional Brain Connectivity via MRI and fMRI, Boston, Massachusetts, December 10, 2012, “Seed-based Correlations”
- Workshop Lecturer: ESMRMB Lectures on MR; Resting State fMRI - Analysis and Interpretation, Magdeburg, Germany, September 4, 2012, “Developmental Disorders”

- Workshop Lecturer: ESMRMB Lectures on MR; Resting State fMRI - Analysis and Interpretation, Magdeburg, Germany, September 3, 2012, “Seed Correlations: What’s new?”
- Workshop Lecturer: CBBS Educational Workshop on Resting State fMRI, Magdeburg, Germany, April 12, 2010, “Functional Connectivity”
- Workshop Lecturer: CBBS Educational Workshop on Resting State fMRI, Magdeburg, Germany, April 12, 2010, “Resting-state fMRI in cognitive neuroscience”

### **Training Workshops & “Brain Camps” Attended**

- May 1-May 3, 2009: Brain Connectivity Workshop, Maastricht University, The Netherlands -- One-day course and two-day workshop discussing theoretical basis and empirical measurement of brain connectivity
- June 23-July 11, 2008: Summer Institute in Cognitive Neuroscience, Squaw Creek Resort, Lake Tahoe, California -- Three-week lecture course on cognitive neuroscience, contribution to The Cognitive Neurosciences IV textbook
- July 14-July 20, 2006: Summer Courses & Workshops, Cold Spring Harbor Laboratory, Cold Spring Harbor, New York-- One-week workshop on Biology of Social Cognition
- July 12-July 22, 2005: Summer Program Lecture Course, Riken Brain Science Institute, Japan -- Two-week lecture course on the Neurobiology of Mental Disorders and the Mind
- June 28-July 9, 2004: Summer Institute in Cognitive Neuroscience, Dartmouth College, Hanover, New Hampshire -- Two-week lecture, laboratory, and demonstration course on Concepts, Actions and Intentions
- June 2003-July 2003: Summer Program in Neuroscience, Ethics & Survival, Marine Biological Laboratory, Woods Hole, Massachusetts -- Four-week seminar, lecture, and neuroscience laboratory course

### **Conferences, Brainhacks, Symposia, Workshops, and Special Issues Organized**

- January 17, 2022 – current: Current Opinion in Behavioral Sciences, *Cognitive Flexibility* – Co-edited special issue (<https://www.sciencedirect.com/journal/current-opinion-in-behavioral-sciences/special-issue/109VSTH5LSW>)
- January 22, 2022: Brainhack Global, UCLA (Virtual) - Co-organized one-day symposium (<https://sites.google.com/view/brainhack-ucla/home>)
- December 13, 2021: NeuroIPS Workshop on Metacognition in the Age of AI: Challenges and Opportunities (Virtual) – Panel Discussant
- October 15, 2021- current: Neuropsychologia, *Hemispheric specialization and interhemispheric interaction – from perception to consciousness: A special issue in honor of Eran Zaidel* – Co-edited special issue (<https://www.journals.elsevier.com/neuropsychologia/call-for-papers/call-for-papers-for-special-issue-on-hemispheric-specialization-and-interhemispheric-interaction-from-perception-to-consciousness-a-special-issue-in-honor-of-eran-zaidel>)
- June 21-25, 2021: Organization for Human Brain Mapping (Virtual), Co-organized symposium – *Identifying and reducing model bias in network neuroscience*
- June 19, 2021: Journal of Clinical Child & Adolescent Psychology Future Directions Forum (Virtual), Co-organized workshop – *Navigating problematic mentoring relationships*
- June 17, 2021: Journal of Clinical Child & Adolescent Psychology Future Directions Forum (Virtual), Co-organized workshop – *Networking in the context of social distancing*



- June 14, 2021: Association for the Scientific Study of Consciousness (Virtual), Co-organized Consciousness Salon – *The real stance towards the academic profession*
- April 2020-March 2021: Brain Sciences, *Brain Bases of Conscious Awareness and Self-representation* – Co-edited special issue ([https://www.mdpi.com/journal/brainsci/special\\_issues/Brain\\_Bases](https://www.mdpi.com/journal/brainsci/special_issues/Brain_Bases))
- May 2-4, 2019: Co-organized annual meeting of the Social & Affective Neuroscience Society (<https://www.youtube.com/channel/UCtRo3TVe3wdMgNrX1bk-Vug>)
- March 10-13, 2019: Co-organized Whistler Summer Workshop on Brain Functional Organization, Connectivity and Behavior (<https://medicine.yale.edu/mrrc/home/seminars/workshop/>)
- January 2019-January 2020: Neuroimage, *Neuroscience of Creativity* - Co-edited special issue (<https://www.sciencedirect.com/journal/neuroimage/special-issue/103DDCXCXD4>)
- June 1, 2018: Brainhack Global, University of Miami - Co-organized one-day symposium (<http://www.brainhack.org/global2018/>)
- June 28, 2017: Organization for Human Brain Mapping, Organized symposium - *Exploring complex relationships between evoked and intrinsic brain activity*
- March 3, 2017: Brainhack Global, Florida International University - Co-organized one-day symposium (<http://events.brainhack.org/global2017/>)
- October 23, 2015: Brainhack Americas, University of Miami - Organized one-day symposium (<http://brainhack.org/americas/>)
- June 16, 2015: Organization for Human Brain Mapping, Co-organized morning workshop - *Tracking disease trajectories and identifying brain-based markers to characterize mental illness*
- October 18, 2014: Brainhack EDT, Florida International University - Co-organized one-day symposium (<http://brainhack.org/brainhack-edt/>)
- May 9, 2014: Society of Biological Psychiatry Symposium chair - *Towards Brain-based Biomarkers of Autism Spectrum Disorders and Attention-deficit/hyperactivity Disorder*
- September 2012-March 2014: Frontiers in Human Neuroscience, *Brain Connectivity in Autism* - Co-edited special issue ([http://www.frontiersin.org/Human\\_Neuroscience/researchtopics/Brain\\_Connectivity\\_in\\_Autism/1107](http://www.frontiersin.org/Human_Neuroscience/researchtopics/Brain_Connectivity_in_Autism/1107))
- November 15, 2011: Society for Neuroscience Nanosymposium chair - *Neural Bases of Human Cognition and Attention*
- January 2010-April 2010: Frontiers in Systems Neuroscience, *Resting state brain activity: Implications for systems neuroscience* - Co-edited special issue (<http://www.frontiersin.org/systemsneuroscience/specialtopics/57/>)
- June 17, 2009: Advances in Resting-State fMRI, Stanford University - Co-organized one-day symposium (<http://restingstate.stanford.edu/>)

### **Contributions to Diversity: Committee Membership and Leadership**

- ALBA Network Ambassador (2023-current)
- Organization for Human Brain Mapping (OHBM) Diversity and Inclusivity Committee chair, 2022-2023
- Human Connectome Project course Diversity and Inclusion Committee member, 2022-current
- Founder, South Asian Psychology and Neuroscience Association (SAPNA), 2022-current (<https://sites.google.com/view/southasianpsychneuro/home>)

- Justice, Equity, Diversity, and Inclusion (JEDI) Workgroup on Diversity & Inclusion in ABCD (Workgroup 2 co-chair), 2022
- JEDI Advisory Council member, ABCD, 2022-current
- JEDI Workgroup on Responsible Use of ABCD Study Data (Workgroup 3 member), 2021-current
- Flux: The Society for Developmental Cognitive Neuroscience Diversity Working Group, 2021-current
- OHBM Diversity and Inclusivity Committee member, 2017-2024
- University of Miami Department of Psychology Diversity and Equity Committee member, 2017-2021

### **Contributions to Diversity: Mentoring, Outreach, and Events Organized**

- February 2024-current: Mentor for Scientific Training in Addiction Research Techniques (START) Program, ABCD Study
- December 4, 2023: Annual Meeting of the American College of Neuropsychopharmacology  
-Panel Member: *Championing equity: Allyship in action*, sponsored by the Diversity and Inclusion Committee
- November 16, 2023: ABCD Annual Meeting, Co-organized panel  
-*Considering multiple dimensions of diversity in research studies*
- September 6, 2023: Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience  
-Panel Member: Trainee Committee Grant Writing Panel
- September 9, 2023: Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience  
-Panel Member: Diversity Symposium – *Lessons learned and the road ahead: JEDI efforts in the ABCD Study*
- July 26, 2023: Black in Neuro Week  
-Round Table Speaker: *NeuroRacism Journal Club – Meet the experts*
- July 24, 2023: OHBM, Co-organized discussion panel  
-Diversity & Inclusivity Round Table: *Advancing multiple dimensions of diversity at OHBM*
- July 24, 2023: OHBM, Co-organized symposium  
-*Using technology to enhance diversity and inclusivity in neuroscience and neuroimaging*
- June 15, 2023: UCLA T32 Predoctoral Training Program in Brain and Behavioral Development during Adolescence and Center for Cognitive Neuroscience, Co-organized symposium  
-Diversity Considerations in Adolescent Brain Development
- June 20, 2022: OHBM, Co-organized symposium  
-Diversity Round Table: *The Asian perspective on social, cultural, and language barriers to inclusivity at OHBM*
- May 13, 2022: UCLA Underrepresented Graduate Students in Psychology  
-Speaker: “A Journey Through Science: Integrating Equity Diversity and Inclusion in Science”
- May 4, 2022: Social & Affective Neuroscience Society Inaugural Diversity Symposium  
-Speaker: “Best practices for embracing diversity in academic societies”
- November 20, 2021: Association for Behavioral and Cognitive Therapies  
-Panel Member: *Toward and intersectional model of translational neuroscience: Engaging marginalized community partners to adopt neuroscience in psychology clinics*

- September 28, 2021: CSUN CSBS Workshop & Discussion
- Panel Member: *Pros and cons of use of the GRE in graduate admissions*
- September 19-20, 2021: Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience
- Panel Member: Diversity Symposium – *Where are we now? & BIPOC affinity group*
- September, 2021- current: *Frontiers, Authentic justice, equity, diversity and inclusion in the neurosciences* - Co-edited special issue
- September, 2021: NSF GRFP reviewer for *Reviewer Zero* (<https://www.reviewerzero.net/home>)
- June 21-25, 2021: OHBM, Co-organized virtual symposium
- Diversity Round Table: *Racial bias in neuroscience*
- OHBM Blog Posts
- November 21, 2023: OHBM diversity and inclusivity committee 2023-2024 election results (<https://www.ohmbbrainmappingblog.com/blog/ohbm-diversity-and-inclusivity-committee-2023-2024-election-results>)
- June 13, 2023: What to expect from the diversity and inclusivity at the 2023 OHBM annual meeting (<https://www.ohmbbrainmappingblog.com/blog/what-to-expect-from-the-diversity-and-inclusivity-committee-at-the-2023-ohbm-annual-meeting>)
- December 1, 2022: Best practices for ensuring diversity of presenters at OHBM (<https://www.ohmbbrainmappingblog.com/blog/best-practices-for-ensuring-diversity-of-presenters-at-ohbm>)
- May 27, 2022: Diversity & inclusivity events at the 2022 OHBM annual meeting: If you want to go far, go together (<https://www.ohmbbrainmappingblog.com/blog/diversity-inclusivity-events-at-the-2022-ohbm-annual-meeting-if-you-want-to-go-far-go-together>)
- April 22, 2022: Results from the survey on inclusivity at OHBM: Summary and future directions (<https://www.ohmbbrainmappingblog.com/blog/results-from-the-survey-on-inclusivity-at-ohbm-summary-and-future-directions>)
- December 10, 2020: Data collection to support advancement of diversity and inclusivity at OHBM (<https://www.ohmbbrainmappingblog.com/blog/data-collection-to-support-advancement-of-diversity-and-inclusivity-at-ohbm>)
- June 18, 2020: OHBM 2020 Diversity round table: Intersection between neuroscience and the LGBTQ+ community (<https://www.ohmbbrainmappingblog.com/blog/ohbm-2020-diversity-round-table-intersection-between-neuroscience-and-the-lgbtq-community>)
- June 9, 2020: OHBM statement – George Floyd and Black Lives Matter (<https://www.ohmbbrainmappingblog.com/blog/ohbm-statement-george-floyd-and-black-lives-matter>)
- September 2020-current: Mentor, Flux: The Society for Developmental Cognitive Neuroscience
- Mentor to three female minority early career researchers
- September 12, 2020: Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience
- Panel Member: Diversity Symposium – *Supporting and promoting the success of underrepresented scholars*
- June 26, 2020: OHBM, Co-organized virtual symposium
- Diversity Round Table: *Neuroscience and the LGBTQ community*
- May 2020-current: Mentor, UCLA Alumni Mentor Program
- Mentor to four current UCLA students

- May 2020-July 2020: Mentor, Summer Undergraduate Research Fellowship (SURF), University of Miami Miller School of Medicine  
-Research project mentor for undergraduate student
- January 2020: Social & Affective Neuroscience Society (SANS)  
-Diversity Award Committee Member
- September 20, 2019: University of Miami Psychology Department Diversity and Equity Committee  
-Panel Member: *Thriving at the Intersection: Women of Color in Psychology*  
(<https://sites.education.miami.edu/thriving-at-the-intersection-women-of-color-in-psychology/>)
- June 10, 2019: OHBM, Co-organized symposium  
-Diversity Round Table: *Using insights from social psychology and neuroscience to address gender bias*
- May 2019-October 2020: Science for Seminaries  
-Science advisor for AAAS Dialogue on Science, Ethics and Religion
- September 2018-June 2021: Empower Me First, University of Miami  
-Mentor to first-generation college student
- June 2017-current: Mentor, OHBM  
-Mentor to two female minority early career researchers
- May 2017-June 2021: NSF REU Computing for Structure, University of Miami  
-Research project mentor for undergraduate students
- Sept 2012-December 2013: Pre-major advisor, Stanford University  
-Academic advisor for four female incoming undergraduate freshman
- Oct 2009-May 2010, Sept 2011-May 2012: Science is Elementary, Bay Area  
-Monthly volunteer scientist in elementary school classroom
- July 2011-August 2011: Mentor, Stanford Summer Program  
-Research project mentor for two students from Asian University for Women
- Sept 2009-May 2010: Vision Literacy, Santa Clara County  
-Weekly volunteer tutor in adult literacy program

### **Other Professional Organization and Committee Service and Leadership**

- UC Davis Mind Institute T32 Autism Research Training Program External Advisor (2023-current)
- DARPA Advisor, Strengthening Resilient Emotions and Nimble Cognition Through Engineering Neuroplasticity (STRENGTHEN) Program, 2023-current
- NSF CREST D-MAP External Advisory Committee member, 2022-current
- Simons Foundation Powering Autism Research for Knowledge (SPARK) Participant Access Committee member, 2022-current
- International Society for Autism Research (INSAR) Nominations Committee, 2021-current
- OHBM Scientific Advisory Board, 2021-2027
- Flux Board of Directors, 2021-current
- Universal Scientific Education and Research Network (USERN) Policy-making Council, 2020-2022
- OHBM Council member, 2017-2020
- OHBM Program Chair, 2019
- SANS Program Committee member, 2018

- OHBM 25<sup>th</sup> Anniversary Task Force member, 2017-2019
- INSAR Awards Committee member, 2015-2018
- National Advisory Mental Health Council Workgroup on Tasks and Measures for RDoC member, 2016
- OHBM Program Committee ad hoc member, 2016-2019
- International Meeting for Autism Research (IMFAR) Topic Review Co-Chair, 2016-2018
- USERN Advisory Board, 2017-current

### Virtual Invited Lectures

1. Northwestern University, Cognitive Brain Mapping Group, January 31, 2024: “Brain dynamics and flexible behaviors”
2. DARPA Strengthening Resilient Emotions and Nimble Cognition Through Engineering Neuroplasticity (STRENGTHEN) Workshop, August 24, 2023: “Large-scale brain network taxonomy”
3. University of Cambridge seminar *Making Connections – Brains & Other Complex Systems*, February 16, 2023: “Brain dynamics and flexible behaviors”
4. Harvard Medical School, Department of Psychiatry Grand Rounds, December 8, 2022: “Brain dynamics and flexible behaviors”
5. University of Zurich, Neuroeconomics Seminar, October 20, 2022: “Brain dynamics and flexible behaviors”
6. Georgia Institute of Technology, School of Psychology, September 21, 2022: “Brain dynamics and flexible behaviors”
7. Simon Fraser University, Dynamic Neuroscience Workshop, September 8, 2022: “Brain functional connectivity explained in three spatio-temporal patterns”
8. Neuro2022 Symposium, Okinawa, Japan: The insula and claustrum: from synapse to cognition, July 1, 2022: “The role of the insula in the salience/midcingulo-insular network”
9. University of California Riverside, Department of Psychiatry and Neuroscience Grand Rounds, May 18, 2022: “Brain dynamics and flexible behaviors”
10. RIKEN Center for Brain Science Seminar Series, May 15, 2022: “Brain dynamics and flexible behaviors”
11. Innovators in Cognitive Neuroscience, May 4, 2022: “Brain dynamics and flexible behaviors” (<https://www.youtube.com/watch?v=p5QaQu20dIA>)
12. British Association for Cognitive Neuroscience, March 16, 2022: “Brain dynamics and flexible behaviors” (<https://www.youtube.com/watch?v=ZBFjEHJx3b8>)
13. University of Cambridge MRC Cognition and Brain Sciences Unit, Chaucer Club seminar, February 24, 2022: “Brain dynamics and flexible behaviors”
14. CIFAR BMC Winter School on Neuroscience of Consciousness, January 20, 2022: “How do we study consciousness?”
15. University of Electronic Science and Technology of China, Progress in Psychoradiology and Cognitive/Affective Neuroscience (PiPCAN), December 2, 2021: “Brain dynamics in cognitive and affective neuroscience”
16. Pontifical Catholic University of Rio Grande do Sul, Brazil, 6<sup>th</sup> International Bioethics Colloquium: Bioethics, Neuroethics & AI Ethics in a Post-Pandemic World, December 1, 2021: “Neuroethics in the era of Big Data”
17. Montreal AI and Neuroscience Conference, November 30, 2021: “Brain dynamics and flexible behaviors”

18. Adelphi University, Computational and Network Neuroscience Series, November 17, 2021: “Brain dynamics and flexible behaviors”
19. University of Minnesota Institute of Child Development, November 11, 2021: “Brain dynamics and flexible behaviors in typical and atypical development”
20. Pennsylvania State University Center for Brain, Behavior, and Cognition, October 29, 2021: “Brain dynamics and flexible behaviors”
21. University of California Los Angeles, Brain Mapping Seminar, October 7, 2021: “Network neuroscience approaches for examining brain dynamics and flexible behaviors” (<http://bmap.ucla.edu/seminars/seminardetails/?s=106>)
22. University of California Los Angeles, T32 Brain and Behavioral Development During Adolescence Seminar, October 6, 2021: “Network neuroscience of autism: A developmental perspective”
23. National Institute of Mental Health Workshop on Advanced Statistical Methods and Dynamic Data Visualizations for Mental Health Studies, June 30, 2021: “Data visualization for network neuroscience”
24. Organization for Human Brain Mapping Annual Mentoring and Career Development Symposium, June 21 & 23, 2021: “Best practices for embracing diversity in academic societies”
25. Virtual International Symposium on Cognitive Architecture (VISCA 2021), June 9, 2021: “Brain dynamics and flexible behaviors” (<https://www.youtube.com/watch?v=q2iIRdxngLc>)
26. Max Planck UCL Centre for Computational Psychiatry and Ageing Research, May 20, 2021: “Brain dynamics and flexible behaviors”
27. University of Montreal, 42<sup>nd</sup> International Symposium in Neuroscience, Insula: Rediscovering the Hidden Lobe of the Brain, May 11, 2021: “The role of the insula in the salience/midcingulo-insular network”
28. University of Cambridge, Department of Psychology Zangwill Seminar, May 7, 2021: “Brain dynamics and flexible behaviors” (<https://www.youtube.com/watch?v=hHDeXHleq4E>)
29. International Society for Autism Research Keynote, May 5, 2021: “Network neuroscience of autism” (<https://www.autism-insar.org/page/INSAR2021Keynotes>)
30. University of California Los Angeles David Geffen School of Medicine, April 28, 2021: “Brain dynamics and flexible behaviors”
31. University "G. d'Annunzio" of Chieti-Pescara, April 22, 2021: “Network neuroscience of autism”
32. University of Western Ontario, Department of Psychology, April 8, 2021, “Brain dynamics and flexible behaviors”
33. Carolina Institute for Developmental Disabilities T32 Speaker Series, April 7, 2021: “Brain dynamics and flexible behaviors in typical and atypical development”
34. Issues in Autism Conference, University of Miami Center for Autism & Related Disabilities, April 3, 2021: “Network neuroscience of autism”
35. State University of New York - Binghamton University, March 29, 2021: “Brain dynamics and flexible behaviors”
36. University College London, Affective Brain Lab, March 4, 2021: “Brain dynamics and flexible behaviors”
37. National University of Singapore, Computational Brain Imaging Group, February 23, 2021: “Brain dynamics and flexible behaviors”
38. LMU-CAM Workshop: Sleep, stress, and predictive coding in autism, February 17, 2021: “Saliency and network science of autism”

39. International Neuropsychological Society Symposium, February 3, 2021: “Modeling behavioral and connectomic heterogeneity in autism and ADHD”
40. McLean Hospital, Harvard Medical School, Neuroscience Seminar Series, February 2, 2021: “Cognitive and behavioral flexibility in neuroscience and psychiatry”
41. University of California Davis, Department of Psychology Student-curated Distinguished Speaker Series, January 29, 2021: “Brain dynamics and flexible behaviors”
42. University of Montreal, Neuropsychology and Cognitive and Computational Neuroscience Group, January 13, 2021: “Cognitive and behavioral flexibility: Neural mechanisms and clinical considerations”
43. University of Houston, Department of Psychology, December 11, 2020: “Brain dynamics and flexible behaviors in typical and atypical development”
44. University of Reading, December 9, 2020: “Network neuroscience of autism”
45. Universal Scientific Education and Research Network (USERN) Congress, Tehran, Iran, November 11, 2020: “Brain dynamics and flexible behaviors”
46. National Neuroscience Congress, Ankara, Turkey, November 7, 2020: “Brain dynamics and flexible behaviors”
47. National Brain Research Center, Gurgaon, India, October 27, 2020: “Brain dynamics and flexible behaviors: Insights from network neuroscience”  
(<https://www.youtube.com/watch?v=OjUG0iZv0Uc>)
48. University of Virginia, Biomedical Data Science Seminar Series, October 16, 2020: “Neuroinformatics and cognitive ontologies”  
(<https://www.youtube.com/watch?v=rPjEFuUr7Co>)
49. Wellcome Centre for Integrative Neuroimaging, University of Oxford, October 7, 2020: “Cognitive flexibility: Neural mechanisms and clinical considerations”
50. Brain Space Initiative Talk Series, August 28, 2020: “Brain dynamics and flexible behaviors”  
(<https://www.youtube.com/watch?v=UsIHBOabc4&feature=youtu.be>)
51. Organization for Human Brain Mapping Symposium, June 26, 2020: “Parsing heterogeneity in prevalent neurodevelopmental disorders using executive function profiles and individual connectome mapping”
52. Journal of Clinical Child & Adolescent Psychology Future Directions Forum, June 13, 2020: “Future directions for examination of brain networks in neurodevelopmental disorders”
53. University of Miami Center for Autism & Related Disabilities, May 27, 2020: “Brain dynamics and flexible behaviors in autism” (<https://www.youtube.com/watch?v=Mnjlr98HLdw>)
54. Imperial College London, Computational, Cognitive and Clinical Neuroimaging Laboratory, May 21, 2020: “Cognitive flexibility: Neural mechanisms and clinical considerations”
55. University of Miami Mailman Center Grand Rounds, April 24, 2020: “Network neuroscience of autism” (<https://www.youtube.com/watch?v=42jxhd1GKGg&feature=youtu.be>)
56. University of Connecticut, Brain Imaging Research Center Virtual Seminars, April 14, 2020: “Brain dynamics and flexible behaviors” (<https://birc.uconn.edu/past-birc-speaker-series-presentations/>)
57. OHBMx Twitter conference keynote, March 20, 2020: “Towards a universal taxonomy of brain networks” (<https://twitter.com/LucinaUddin/status/1241115149995474947>)
58. Inter- and Intra-Person Variability in the Human Brain Virtual Symposium, November 5, 2019: “Heterogeneity of Cognitive Flexibility”

## **In-person Invited Lectures**

1. Mindfulness Mechanisms & Methods Meeting, Washington University St. Louis, October 5, 2023: “Towards a taxonomy for network neuroscience”
2. University of Rochester Intellectual and Developmental Disabilities Research Center Symposium, Neuroscience Keynote Address, September 28, 2023: “Network neuroscience and typical and atypical development”
3. Flux: The Society for Developmental Cognitive Neuroscience, September 8, 2023: “Network neuroscience and typical and atypical development”
4. Lifespan Network Neuroscience Symposium, Montreal, July 20, 2023: “Lifespan network neuroscience of autism”
5. University of California Los Angeles, Diversity Considerations in Adolescent Brain Development Symposium, June 15, 2023: “Diversity considerations in population neuroscience”
6. University of California Los Angeles, UCLA Symposium on Neurotechnology, May 22, 2023: “Network Neuroscience”
7. University of California Los Angeles, UCLA Center for Autism Research and Treatment Distinguished Lecture Series, May 19, 2023: “Network neuroscience of autism”
8. University of Oregon, Department of Psychology, Attneave Lecture, May 12, 2023: “Brain dynamics and flexible behaviors”
9. Virginia Tech Pioneers in Biomedical Research Seminar, April 14, 2023: “Brain dynamics and flexible behaviors”
10. Cognitive Neuroscience Society Symposium, March 28, 2023: “A perspective from network neuroscience”
11. Stanford University Brain Dynamics Lab Seminar, March 24, 2023: “Brain dynamics and flexible behaviors”
12. Temple University, Department of Psychology, March 20, 2023: “Brain dynamics and flexible behaviors”
13. University of Southern California, Neuroscience Graduate Program Annual Symposium, March 9, 2023: “Brain dynamics and flexible behaviors”
14. University of California Los Angeles, Cognitive Psychology Forum, February 17, 2023: “Data-driven cognitive ontologies”
15. BrainModes 2022, Vina del Mar, Chile, November 19, 2022: “Brain dynamics in typical and atypical development”
16. ABCD Annual Meeting San Diego, California, November 9, 2022: “Brain dynamics and flexible behaviors”
17. European Committee for Treatment and Research in Multiple Sclerosis, Amsterdam, The Netherlands, October 26, 2022: “Current concepts in network neuroscience”
18. Society of Biological Psychiatry Symposium, April 29, 2022: “Using big data to model brain and behavioral heterogeneity in neurodevelopmental disorders”
19. University of California Los Angeles, Developmental Area Forum, April 12, 2022: “Brain dynamics and flexible behaviors in typical and atypical development”
20. Boys Town National Research Hospital Institute for Human Neuroscience, March 18, 2022: “Brain dynamics and flexible behaviors”
21. University of California San Diego Brain Imaging First Fridays Seminar, July 9, 2021: “Brain dynamics and flexible behaviors” (*hybrid in-person and virtual*)



22. Lifespan network neuroscience: Examining the trajectory of human development in health and disease, Montreal, Canada, June 25, 2020: “Network neuroscience of autism” (*cancelled March 23, 2020 due to COVID-19*)
23. Insula: Rediscovering the Hidden Lobe of the Brain, Montreal, Canada, May 12, 2020: “The role of the insula in the salience/midcingulo-insular network” (*cancelled March 13, 2020 due to COVID-19*)
24. Conectoma Sur, Santiago, Chile, March 23, 2020: “Brain dynamics and flexible behaviors” (*cancelled March 10, 2020 due to COVID-19*)
25. San Diego State University, March 10, 2020: “Network Neuroscience of Autism”
26. University of California San Diego Cognitive Brownbag, March 6, 2020: “Brain dynamics and flexible behaviors”
27. University of Illinois Urbana-Champaign Neuroscience Seminar, March 3, 2020: “Brain dynamics and flexible behaviors”
28. University of Texas at Austin Cognitive Neuroscience & Biomedical Imaging Center Seminar, February 14, 2020: “Brain dynamics and flexible behaviors”
29. Knox Theological Seminary Symposium, The Past and Future of Christianity and Science, February 1, 2020: “Cognitive neuroscience: An approach for understanding the brain, mind, and consciousness”
30. Stand Up Science at Open Stage Club, January 31, 2020: “Neuroscience of distraction” (<https://www.shanemauss.com/club-dates-1/2020/1/31/coral-gables-fl>)
31. BrainModes: Exploring Unified Principles of Brain Connectivity and Dynamics, Pokhara, Nepal, December 12, 2019: “Brain dynamics and flexible behaviors”
32. University of Colorado Boulder, November 11, 2019: “Brain dynamics and flexible behaviors”
33. Indiana University Neuroscience Colloquium Series, October 7, 2019: “Brain dynamics and flexible behaviors”
34. University of Western Ontario, September 23, 2019: “Brain dynamics and flexible behaviors in typical and atypical development”
35. University of Bordeaux, September 16, 2019: “Cognitive and neural flexibility in typical and atypical development”
36. University of Western Ontario, June 25, 2019: “Insular connectivity in typical and atypical development”
37. University of Western Ontario, June 21, 2019: “The role of the insula in cognitive and neural flexibility”
38. Vanderbilt University, April 15, 2019: “Cognitive and neural flexibility”
39. University of Miami 3<sup>rd</sup> Annual Neural Engineering Symposium, April 4, 2019: “Clinical network neuroscience”
40. Brain Functional Organization, Connectivity, and Behavior, Noosa, Sunshine Coast, Australia, March 12, 2019: “The task-positive/task-negative pattern and the cognitive ontology project”
41. Montreal Neurological Institute, McGill University, February 20, 2019: “Cognitive and neural flexibility”
42. University of Southern California, January 28, 2019: “Cognitive and neural flexibility in typical and atypical development”
43. Alpine Brain Imaging Meeting, Champéry, Switzerland, January 8, 2019: “The salience network and cognitive and neural flexibility”
44. University of California, Los Angeles, Department of Psychology, November 28, 2018: “Cognitive and neural flexibility”

45. Hot Topics in Developmental Disabilities, Boca Raton, FL, November 9, 2018: “Brain connectivity in autism”
46. Psychological, Genetic and Neurological Aspects of ASD Diagnosis, Gdansk, Poland, October 20, 2018: “Brain connectivity and cognition in autism”
47. Sixth Biennial Conference on Resting State and Brain Connectivity, Montreal, Canada, September 26, 2018: “Resting state BOLD signal variability and flexible behavior in typical and atypical development”
48. Duke University Center for Cognitive Neuroscience Colloquium Series, September 21, 2018: “Cognitive and neural flexibility”
49. Florida Atlantic University Neuroscience Seminar Series, September 11, 2018: “Brain connectivity and cognition in typical and atypical development”
50. Multimodal Neuroimaging for Mental Disorders Workshop, National University of Singapore, June 22, 2018: “Brain signal variability indices of functional flexibility in typical and atypical development”
51. Organization for Human Brain Mapping Annual Mentoring and Career Development Symposium, June 19, 2018: “Failing better”
52. University of California, San Diego, May 24, 2018: “Network neuroscience approaches to autism”
53. Society of Biological Psychiatry Symposium, May 12, 2018: “Brain signal variability as a novel marker of flexible behavior in autism”
54. John B. Pierce Laboratory Seminar Series, Yale University, March 26, 2018: “Brain connectivity and cognition in typical and atypical development: The case of the salience network”
55. 4<sup>th</sup> Whistler Scientific Workshop on Brain Functional Organization, Connectivity and Behavior, March 6, 2018: “Exploring brain dynamics and flexible behaviors”
56. Alan E. Kazdin Endowed Lecture, San Jose State University, February 12, 2018: “Brain connectivity and cognition in typical and atypical development”
57. Association for Behavior Analysis International, Miami, Florida, February 5, 2018: “Brain connectivity and cognition in autism”
58. Conference on the Neurobiology of Mental Health, Geneva, Switzerland, January 26, 2018: “Brain networks underlying flexible behaviors in autism: Insights from network neuroscience”
59. Universal Scientific Education and Research Network (USERN) Congress, Kharkiv, Ukraine, November 8-9, 2017: “Towards brain-based biomarkers of autism”, “Brain network dynamics and flexible cognition and behavior”
60. Control Processes Meeting Data Blitz, Amsterdam, The Netherlands, October 13, 2017: “Salience network dynamics and self-control”
61. Simposio Internacional de Resonancia Magnetica, Lima, Peru, September 29-30, 2017: “Brain organization in typical development”, “Brain organization in autism spectrum disorder”, “Salience network of the human brain”, “Exploring relationships between evoked and intrinsic brain activity”
62. Wayne State University, September 7, 2017: “Investigating typical and atypical brain development in the era of network neuroscience”
63. Pediatric Epilepsy Surgery Conference, Orlando, Florida, July 8, 2017: “Typical and atypical development of brain connectivity: The case of hemispherectomy”
64. Organization for Human Brain Mapping Symposium, June 28, 2017: “Considering evoked and intrinsic functional brain network architectures”

65. Duke-NUS Medical School, Singapore, February 28, 2017: “Brain connectivity and cognition: The case of the salience network”
66. Chung-Ang University, Seoul, South Korea, February 24, 2017: “Brain connectivity and cognition in typical and atypical development”
67. University of Maryland, January 6, 2017: “Human brain function and dysfunction in the era of network neuroscience”
68. University of Pittsburgh, December 2, 2016: “Brain connectivity and cognition in typical and atypical development”
69. Control Processes Meeting Data Blitz, San Diego, California, November 10, 2016: “Functional brain dynamics underlying executive functions”
70. International Organization of Psychophysiology, Havana, Cuba, September 4, 2016: “Towards brain-based biomarkers of autism”
71. Organization for Human Brain Mapping Symposium, June 30, 2016: “Functional brain dynamics underlying individual differences in executive function”
72. University of Zurich, Switzerland, June 23, 2016: “Salience network function in typical and atypical development”
73. 13<sup>th</sup> Annual Conference of the Society for Brain Mapping and Therapeutics, Miami, Florida, April 9, 2016: “Brain networks underlying cognitive flexibility in autism”
74. 9<sup>th</sup> Annual Conference on Best Practice in Autism Keynote Speaker, Florida Gulf Coast University, April 9, 2016: “Brain connectivity in autism”
75. NeuroNet Conference, University of Tennessee Knoxville, April 7, 2016: “Neuroimaging of Typical and Atypical Development: Examples from Autism and Hemispherectomy”
76. NIMH 2015 BRAINS Awards Ceremony, March 7, 2016: “Cognitive and Neural Flexibility in Autism”
77. University of Miami Department of Computer Science pizza seminar, March 2, 2016: “Human connectomics: applications in clinical and developmental neuroscience”
78. CIDD Investigator Forum, University of North Carolina at Chapel Hill, January 12, 2016: “Neuroimaging of typical and atypical brain network development: Insights from autism”
79. Neuroscience, Law, Social Epistemology & Ethics, Pontifical Catholic University at Porto Alegre, Brazil, November 25, 2015: “Neuroimaging and cognitive neuroscience: Conceptual and methodological considerations in studying the human brain”
80. International Association for the Study of Attachment, Miami, Florida, November 9, 2015: “Brain networks for social processing in autism”
81. Society for Research in Psychopathology, New Orleans, Louisiana, October 17, 2015: “Dynamic switching mechanisms in insula/anterior cingulate: Implications for salience processing and dysfunction”
82. Florida International University Center for Children and Families Speaker Series, September 25, 2015: “Mapping functional brain networks in typical and atypical development: The case of autism”
83. University of California, Los Angeles, Festschrift for Eran Zaidel, September 10, 2015: “Typical and atypical development of brain connectivity”
84. Technische Universität München, Munich, Germany, August 31, 2015: “Large-scale brain network interactions in typical and atypical development”
85. University of Electronic Science and Technology of China Summer Program, Chengdu, China, July 23, 2015: “Brain connectivity in typical and atypical development”

86. University of Electronic Science and Technology of China, Chen Lab, Chengdu, China, July 20, 2015: “Brain connectivity in clinical neuroscience”
87. Summer Institute in Cognitive Neuroscience, Santa Barbara, California, July 3, 2015: “Computation and network analysis for understanding developmental connectivity”
88. Organization for Human Brain Mapping Symposium, June 16, 2015: “Neuroimaging of typical and atypical development: Insights from autism and hemispherectomy”
89. Miami Project to Cure Paralysis, June 2, 2015: “Mapping functional brain networks in typical and atypical development”
90. University of Miami Science on Screen at Coral Gables Art Cinema, May 16, 2015: “Locked-in syndrome: A window into consciousness and the brain”  
(<https://www.youtube.com/watch?v=wiRCdLFW5SU>)
91. University of Miami Annual Neuroscience Program Retreat, May 1, 2015: “Mapping functional human brain networks”
92. Social and Affective Neuroscience Society Blitz Talk, Boston, Massachusetts, April 25, 2015: “Salience processing and insular cortical function and dysfunction”
93. International Convention of Psychological Science, Amsterdam, The Netherlands, March 13, 2015: “Brain network dynamics and psychopathology of the social brain”
94. Caltech Emotion and Social Cognition Laboratory, December 1, 2014: “Neurocognitive network interactions in typical and atypical development”
95. University of Miami Center for Autism & Related Disabilities, Mental Health Professionals Advising, Learning & Sharing, November 13, 2014: “Brain connectivity in autism”
96. University of Miami Biology Seminar, November 10, 2014: “Neuroimaging approaches to mapping functional human brain networks”
97. Fourth Biennial Conference on Resting State/Brain Connectivity, Boston, Massachusetts, September 13, 2014: “Functional organization of brain networks in children with hemispherectomy”
98. Mailman Center for Child Development, University of Miami Miller School of Medicine, Interdisciplinary Lecture Series, July 25, 2014: “Mapping functional brain networks in typical and atypical development”
99. Miami Children’s Hospital, July 16, 2014: “Functional organization of brain networks in typical and atypical development”
100. Scientific Worship on Neuroplasticity after Hemispherectomy, Anaheim, California, July 9, 2014: “Functional organization of brain networks in children with hemispherectomy”
101. University of Miami Miller School of Medicine, McKnight Research Seminar, May 27, 2014: “Mapping functional brain networks in typical and atypical development”
102. Society of Biological Psychiatry Symposium, May 9, 2014: “Salience-network based classification of autism”
103. University of Southern California, April 23, 2014, The A-Z Lab: “Mapping functional brain networks in typical and atypical development”
104. Stanford Autism Center, 7<sup>th</sup> Annual Autism Spectrum Disorder Update, April 19, 2014: “Is the brain circuitry in people with autism spectrum disorder connected differently?”
105. Baptist Health South Florida CME, 12<sup>th</sup> Annual Autism Spectrum Disorder Conference, April 2, 2014: “Brain connectivity in autism spectrum disorders”
106. University of California, San Francisco, Selective Vulnerability Research Lab, November 20, 2013: “Typical and atypical development of the salience network”

107. University of California Los Angeles, Brain Mapping Seminar, November 13, 2013: “Approaches for mapping neurocognitive networks in typical and atypical development”
108. University of British Columbia, Child & Family Research Institute, October 25, 2013: “Brain connectivity in autism spectrum disorders”
109. University of British Columbia, Brain Research Centre, October 25, 2013: “Mapping neurocognitive networks in typical and atypical development”
110. Cold Spring Harbor, “Wiring the Brain”, July 21, 2013: “Mapping neurocognitive networks in typical and atypical development”
111. Feinstein Institute for Medical Research, Zucker Hillside Hospital, NorthShore LIJ, July 17, 2013: “Mapping neurocognitive networks in typical and atypical development”
112. Stanford Autism Center, 6<sup>th</sup> Annual Autism Spectrum Disorder Update, June 1, 2013: “Attention, language, and math abilities in autism: insights from brain imaging”
113. Uppsala University Department of Psychology, Uppsala, Sweden, May 13, 2013: “Mapping neurocognitive networks in typical and atypical development”
114. International Meeting for Autism Research, Scientific Panel, San Sebastian, Spain, May 3, 2013: “Salience Network Based Classification and Prediction of Symptom Severity in Children with Autism”
115. Pennsylvania State University, Department of Psychology, February 12, 2013: “Mapping neurocognitive networks in typical and atypical development”
116. Virginia Tech, Department of Psychology, February 5, 2013: “Mapping neurocognitive networks in typical and atypical development”
117. University of New Mexico, Department of Psychology, January 30, 2013: “Mapping neurocognitive networks in typical and atypical development”
118. University of Illinois-Chicago, Department of Psychology, January 23, 2013: “Neurocognitive networks for social processing in typical and atypical development”
119. University of Miami, Department of Psychology, January 16, 2013: “Mapping neurocognitive networks in typical and atypical development”
120. Yale University fMRI & Bioimaging Sciences Seminar, December 18, 2012: “Dynamic reconfiguration of connectivity across core neurocognitive networks in typical and atypical development”
121. Northeastern University Interdisciplinary Affective Science Laboratory, December 13, 2012: “Mapping neurocognitive networks in typical and atypical development”
122. University of Utah, Department of Psychology, December 3, 2012: “Mapping neurocognitive networks in typical and atypical development”
123. Stanford University, Department of Psychology Frisem, November 9, 2012: “Mapping functional brain networks in typical and atypical development”
124. Texas Tech University, Department of Psychology, November 6, 2012: “Mapping functional brain networks in typical and atypical development”
125. Society for Neuroscience Minisymposium, New Orleans, LA, October 16, 2012: “Dynamic reconfiguration of connectivity across core neurocognitive networks in typical and atypical development”
126. University Medical Center Hamburg-Eppendorf, Germany, August 31, 2012: “Brain connectivity and cognition in typical and atypical development”
127. Stanford Autism Center, 5<sup>th</sup> Annual Autism Spectrum Disorder Update, May 12, 2012: “Towards brain-based biomarkers of autism”

128. Society of Biological Psychiatry, May 3, 2012: “Reconfiguration of structural and functional brain networks with development”
129. University of California, Los Angeles, Culture, Brain and Development Seminar, April 26, 2012: “Brain connectivity and cognition in autism spectrum disorders”
130. University of California, Irvine, Department of Cognitive Sciences, February 15, 2012: “Brain connectivity and cognition in typical and atypical development”
131. Ohio State University, Department of Psychology, February 6, 2012: “Brain connectivity and cognition in typical and atypical development”
132. Indiana University, Department of Psychological and Brain Sciences, January 19, 2012: “Brain connectivity and cognition in typical and atypical development”
133. Society for Neuroscience Nanosymposium, Washington D.C., November 15, 2011: “Dynamic interactions between salience, central executive, and default mode networks change with development”
134. Organization for Human Brain Mapping, Quebec City, June 27, 2011: “Multivariate classification of structural MRI in children with autism”
135. Mirror Neurons: from Action to Empathy conference, Torun, Poland, April 14, 2010: “Self and other representation in autism”
136. Stanford Memory Lab, March 19, 2010: “Brain connectivity and cognition: insights from resting-state fMRI, DTI, and comparative neuroanatomy”
137. Stanford Autism Working Group, December 3, 2009: “Structural and functional connectivity of large-scale brain networks in autism spectrum disorders”
138. New York University Center for Brain Imaging, March 28, 2008: “Relating functional connectivity to anatomically connectivity in the human brain with help from the macaque”
139. Self, Intersubjectivity, and Social Neuroscience conference, Torun, Poland, September 26, 2007: “Neural correlates of self-recognition”
140. Caltech Emotion and Social Cognition Laboratory, September 7, 2007: “Social cognition and functional connectivity in neurotypical and clinical populations: New methods and directions”
141. University of California, Los Angeles, Brain Mapping Seminar, December 3, 2003: “Self-recognition in the two cerebral hemispheres”

#### **Ad hoc Reviewer Service (over 150 journals)**

Acta Paediatrica, Acta Psychologica, Aging Research Reviews, Alzheimer’s Research & Therapy, American Journal of Neuroradiology, **American Journal of Psychiatry**, **American Psychologist**, Annals of Clinical and Translational Neurology, Annals of Neurology, Archives of Clinical Neuropsychology, Artificial Intelligence in Medicine, Autism, Autism Research, Behavioral & Brain Sciences, **Behavioral and Brain Sciences**, Behavioural Brain Research, Behavioral Neuroscience, Bioinformatics, **Biological Psychiatry**, Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, Biological Psychiatry: Global Open Science, Biological Psychology, Biomedical Engineering/Biomedizinische Technik, BioMed Research International, BMC Neuroscience, BMC Psychiatry, **Brain**, Brain and Behavior, Brain and Cognition, Brain and Language, Brain Connectivity, Brain Imaging and Behavior, Brain Research, Brain Research Bulletin, Brain Sciences, Brain Structure and Function, Brain Topography, British Journal of Developmental Psychology, Cell Reports, Cerebellum, **Cerebral Cortex**, Child Development, Clinical Psychological Science, Clinical Psychology: Science and Practice, Cognitive Affective & Behavioral Neuroscience, Cognitive Neurodynamics, Cognitive Neuroscience, Communications Biology, Comprehensive Psychiatry, Computer Methods and Programs in Biomedicine, Computers in Biology and Medicine, Consciousness

and Cognition, Cortex, Current Directions in Psychological Science, Current Opinion in Behavioral Sciences, Data in Brief, Developmental Cognitive Neuroscience, **Developmental Science**, EBioMedicine, eLife, Emotion, Emotion Review, eNeuro, European Child & Adolescent Psychiatry, European Journal of Neurology, European Journal of Neuroscience, Expert Review of Neurotherapeutics, Frontiers in Aging Neuroscience, Frontiers in Behavioral Neuroscience, Frontiers in Cognition, Frontiers in Human Neuroscience, Frontiers in Neuroinformatics, Frontiers in Systems Neuroscience, Hippocampus, **Human Brain Mapping**, IEEE/ACM Transactions on Computational Biology and Bioinformatics, IEEE Transactions on Medical Imaging, **Imaging Neuroscience**, International Journal of Developmental Neuroscience, International Journal of Psychology, International Journal of Psychophysiology, iScience, JAMA Pediatrics, **JAMA Psychiatry**, Journal of Abnormal Psychology, Journal of Affective Disorders, Journal of Autism and Developmental Disorders, Journal of Cerebral Blood Flow & Metabolism, Journal of Child Psychology and Psychiatry, Journal of Clinical Child and Adolescent Psychology, Journal of Cognitive Neuroscience, Journal of Complex Networks, Journal of Computer Assisted Radiology and Surgery, Journal of Experimental Psychology: General, Journal of Magnetic Resonance Imaging, Journal of Neurodevelopmental Disorders, Journal of Neurophysiology, **Journal of Neuroscience**, Journal of Neuroscience Methods, Journal of Neurotrauma, Journal of Pediatrics, Journal of Psychiatry and Neuroscience, Journal of Psychiatric Research, Journal of the International Neuropsychological Society, Journal of Visualized Experiments, **Lancet Psychiatry**, Medical Science Monitor, Metabolic Brain Disease, MNI Open Research, Molecular Autism, Molecular Psychiatry, **Nature**, **Nature Communications**, **Nature Human Behavior**, **Nature Mental Health**, **Nature Methods**, **Nature Neuroscience**, **Nature Protocols**, **Nature Reviews Neuroscience**, Network Neuroscience, Neurobiology of Aging, Neurocase, **Neuroimage**, Neuroimage: Clinical, Neuroinformatics, Neurology, **Neuron**, Neuropsychiatric Disease and Treatment, Neuropsychologia, Neuropsychology, Neuropsychology Review, Neuropsychopharmacology, Neuroscience, Neuroscience & Biobehavioral Reviews, Neuroscience Letters Neuroscience of Consciousness, Pediatrics, PeerJ, Perception, Personality Neuroscience, **Perspectives on Psychological Science**, Philosophical Transactions of the Royal Society B: Biological Sciences, **PLoS Computational Biology**, **PLoS Biology**, PLoS One, **Proceedings of the National Academy of Sciences**, Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, Progress in Neuropsychopharmacology & Biological Psychiatry, Psychiatry Research: Neuroimaging, **Psychological Bulletin**, Psychological Medicine, **Psychological Science**, Psychology & Neuroscience, Psychoneuroendocrinology, Psychophysiology, Psychoradiology, Research in Autism Spectrum Disorders, Research in Developmental Disabilities, Schizophrenia Bulletin, Schizophrenia Research, **Science Advances**, **Science Translational Medicine**, Scientific Reports, Social Cognitive and Affective Neuroscience, Social Neuroscience, The Neuroscientist, Translational Psychiatry, **Trends in Cognitive Sciences**, **Trends in Neurosciences**

### Elsevier Reviews Profile

<https://www.reviewerrecognition.elsevier.com/#/profile/78c9256b-1992-49ac-8b7d-58570094668e>

### Editorial Service

- Guest Editor: Proceedings of the National Academy of Sciences (2020, 2021)
- Editorial Advisory Board: Oxford Open Neuroscience (2021-current)
- Handling Editor: Imaging Neuroscience (2023-current), Neuroimage (2019-2023), Aperture Neuro (2021-2022)
- Senior Editor: Network Neuroscience (2018-current)

- Associate Editor: Psychological Review (2021-2022), Psychoradiology (2020-current)
- Consulting Editor: Social Cognitive and Affective Neuroscience (2018-current)
- Editorial Board Member: Neuroimage (2016-2023), Biological Psychiatry: Cognitive Neuroscience and Neuroimaging (2018-current), Biological Psychiatry (2020-current), Developmental Cognitive Neuroscience (2022-current), Brain Medicine (2024-current)
- Reviewing Editor: eLife (2020-2021)
- Editorial Board Member: Clinical Psychological Science (2018-2020)
- Associate Editor: Frontiers in Human Neuroscience (2017-2018), Network Neuroscience (2016-2018)
- Section Editor: Behavioral and Brain Functions - Attention, learning and behavior: Human Studies (2017-2018)

### **Grant Reviewer Service**

- NIDA Research on Neurocognitive Mechanisms Underlying the Impact of Structural Racism on the Substance Use Trajectory (2023-2024, served on 1 panel, chaired 1 panel)
- NIH Director's Early Independence Awards (2022, reviewed 1 application)
- NIH Learning, Memory, Language, Communication, and Related Neuroscience Fellowship study section member (2021, served on 1 panel)
- Intellectual and Developmental Disabilities Research Center (IDDRC) - NICHD study section member (2020, served on 1 panel)
- National Science Center (Narodowe Centrum Nauki), Poland, 2019
- NINDS K01 (2018, served on 1 panel)
- Helmholtz Association of German Research Centers, Young Investigator Groups reviewer, 2018
- National Science Foundation Decision, Risk and Management Sciences program reviewer, 2018
- NIH Sensory and Motor Neuroscience, Cognition and Perception Fellowship study section member (2018, served on 1 panel)
- Learning Disabilities Research Centers (LDRC) – NICHD study section member (2017, served on 1 panel)
- National Science Foundation merit reviewer
- Child Psychopathology and Developmental Disabilities (CPDD) - NIMH study section (ad hoc member: 2013-current, served on 6+ panels)
- NIMH K99/R00 review panel member (2015, served on 1 panel)
- Wellcome Trust reviewer, 2017

### **Departmental Service, UCLA**

- Dissertation Committee Member (2024): Wesley Meredith, Developmental Psychology
- Dissertation Committee Chair (2023): Priyanka Sigar, Neuroscience
- Dissertation Committee Chair (2023): Charles Smith, Neuroscience
- Appointments and Advancements Committee Member (2023-current)
- Spivak Scholars Selection Committee Member (2023)
- Dissertation Committee Member (2023): Emily Chiem, Molecular, Cellular, & Integrative Physiology
- CART Sigman Scholars Undergraduate Program Review Committee (2023)
- Dissertation Committee Member (2023): Kathleen O'Hara, Neuroscience
- Appointments and Advancements Committee Ad Hoc Review Committee Chair (2023)



- Dissertation Committee Member (2022): Haley Wang, Clinical Psychology
- Dissertation Committee Chair (2022): Lauren Kupis, Neuroscience
- Dissertation Committee Member (2022): Maira Karan, Developmental Psychology
- Dissertation Committee Member (2022): Lauren Wagner, Neuroscience
- Dissertation Committee Member (2022): Adriana Mendez Leal, Developmental Psychology
- Dissertation Committee Member (2022): Melis Cakar, Neuroscience
- Dissertation Committee Member (2021): Logan Leathem, Clinical Psychology
- Dissertation Committee Member (2021): Charlie Schleifer, MSTP
- Dissertation Committee Member (2021): Sarah Chang, Neuroscience
- Neuroscience IDP Admissions Committee Member (2021-2023)

### **Departmental Service, University of Miami**

- Dissertation Committee Member (2022): Ratanpriya Sharma, Psychology
- Dissertation Committee Member (2021): Nikki Puccetti, Psychology
- Faculty Mentoring Committee (2021): Spencer Evans
- Faculty Search Committee Member (2020-2021): Psychology “Black Studies Cluster”
- Dissertation Committee Member (2020): Morgan Gianola, Psychology
- Dissertation Committee Member (2020): Judy Lobo, Psychology
- Undergraduate Senior Honors Thesis Committee Chair (2020): Phoebe Cohen
- Undergraduate Senior Honors Thesis Committee Chair (2020): Emily Marshall
- Undergraduate Senior Honors Thesis Committee Chair (2020): Marissa Miara
- Undergraduate Senior Honors Thesis Committee Chair (2020): Laura Rosok
- Faculty Mentoring Committee (2019-2021): Yanerys Leon, Ph.D.
- Co-convener, Cognitive Studies Interdisciplinary Research Group (2019-2021)
- Faculty Senate Committee on Professional Conduct (CPC) member (2021)
- Dissertation Committee Member (2020): Steven Anderson, Psychology
- Undergraduate Senior Honors Thesis Committee Chair (2019): Adriana Baez
- Undergraduate Senior Honors Thesis Committee Chair (2019): Sahana Shankar
- Undergraduate Senior Honors Thesis Committee Chair (2019): Ozerk Turan
- Dissertation Committee Member (2020): Hannah Radabaugh, Neuroscience
- Undergraduate Senior Honors Thesis Committee Member (2019): Madeleine Snider
- Undergraduate Senior Honors Thesis Committee Member (2019): Christina Rocchini
- Department Chair Advisory Committee Member (2018-2021)
- Non-clinical (Psychological Sciences) Committee Member (2018-2021)
- Master’s Committee Member (2018): Judy Lobo, Psychology
- Master’s Committee Member (2017): Danielle Dellarco, Psychology
- Undergraduate Senior Honors Thesis Committee Member (2018): Nicole Rotkovitz
- Undergraduate Senior Honors Thesis Committee Chair (2016): Anna Ivanova
- Undergraduate Senior Honors Thesis Committee Chair (2016): Hannah Long
- Undergraduate Senior Honors Thesis Committee Chair (2016): Elana Schettini
- Undergraduate Senior Honors Thesis Committee Chair (2016): Melanie Winters
- Undergraduate Senior Honors Thesis Committee Member (2016): Matt Carmen
- Faculty Search Committee Member (2016-2017): Computer Science “Neurodevelopmental Disorders”

- Neuroscience Graduate Program Steering Committee Representative (2016-2020)
- Dissertation Committee Chair (2018): Taylor Bolt, Psychology
- Dissertation Committee Chair (2018): Casey Burrows, Psychology
- Dissertation Committee Chair (2018): Dina Dajani, Psychology
- Dissertation Committee Member (2019): Robert Kozol, Biology
- Neuroimaging Committee Member: Management Committee, MRI Review Committee, Technical Committee, Communications and Development Committee, Community Outreach Committee, Educational and Training Committee (2015-2021)
- Faculty Search Committee Member (2015-2016): Chemistry “Understanding the Brain”
- Faculty Search Committee Member (2015-2016): Adult clinical psychology
- Stamps & Singer Scholarship Interviewer: March 21, 2015
- Undergraduate Neuroscience Steering Committee member: 2014-2021
- Faculty Search Committee Member (2014-2015): Developmental psychology
- Faculty Search Committee Member (2013-2014): Psychology “Understanding the Brain”
- Master’s Committee Member (2014): Marissa Krinsky, Psychology
- Undergraduate Senior Honors Thesis Committee Member (2014): Ash Tilak
- Undergraduate Senior Honors Thesis Committee Member (2014): Emily Brudner

#### **Tenure/Promotion Review & Dissertation Committee Service at Other Universities**

- Promotion case review (2024): Monash University, Australia
- Tenure case review (2024): Columbia University, USA
- External Examiner for Doctoral Dissertation (2024): Natasha Bertelsen, University of Trento, Italy
- Promotion case review (2023): University of California Davis, USA
- Promotion case review (2023): Vanderbilt University, USA
- Promotion case review (2023): University of Calgary, Canada
- Promotion case review (2023): New Jersey Institute of Technology, USA
- Tenure case review (2023): Virginia Tech, USA
- Promotion case review (2023): University of Minnesota, USA
- Promotion case review (2022): McGill University, Canada
- Promotion case review (2022): George Mason University, USA
- Tenure case review (2022): Indiana University, USA
- External Examiner for Doctoral Dissertation (2022): Kathleen Lyons, Ontario Tech University, Canada
- External Examiner for Doctoral Dissertation (2022): Golia Shafiei, McGill University, Canada
- Tenure case review (2022): Temple University, USA
- Tenure case review (2022): University of Oregon, USA
- Tenure case reviews (2022): IDG/McGovern Institute for Brain Research at Beijing Normal University, China
- Tenure case review (2021): Istituto Italiano di Tecnologia, Italy
- Tenure case review (2021): University of Arizona, USA
- External Examiner for Doctoral Dissertation (2021): Xiaofei Dong, Macquarie University, Australia

- Comprehensive Exam Committee Member (2020): Borna Mahmoudian, Western University, Canada
- Promotion case review (2020): University of Virginia, USA
- Dissertation Committee Member (2020): Mengqiao Chai, Ghent University, Belgium
- Tenure case review (2020): University of Missouri-St. Louis, USA
- External Examiner for Doctoral Dissertation (2020): Ye Tian, University of Melbourne, Australia
- External Examiner for Doctoral Dissertation (2020): Jagath C. Rajapakse, Nanyang Technological University, Singapore
- Tenure case review (2019): University of Auckland, New Zealand
- Tenure case review (2019): Rutgers University, USA
- Tenure case review (2018): Simon Fraser University, Canada
- Dissertation Committee Member (2019): Ismail Koubiyr, University of Bordeaux, France
- Dissertation Committee Member (2020): Dea Garic, Florida International University, USA
- Dissertation Committee Member (2020): Richard Chen, Rutgers University, USA
- External Examiner for Doctoral Dissertation (2018): Sue-Jin Lin, University of British Columbia, Canada
- External Examiner for Doctoral Dissertation (2019): Yogesh Kumar Sariya, Indian Institute of Technology Roorkee, India

#### **Mentoring: UCLA**

- Undergraduate students  
Isabella Farrokhi (9/2023-current, Psychobiology)  
Laine Phillips (3/2023-current, Neuroscience)  
Jordi Martinez (9/2022-current, Neuroscience)  
Prarthna Chabria (9/2022-current, Neuroscience)  
Ashley Kim (9/2022-current, Psychobiology)  
Ann Luu (9/2022-2/2023, Psychology)  
Romina Falahaty (9/2022-4/2023, Psychobiology)  
Aanchal Kasargod (9/2022-current, Psychobiology)
- Graduate students  
Hoki Fung (1/2023-current, Neuroscience - rotation)  
Charles Smith (3/2022-current, Neuroscience – primary mentor)  
Amy Than (3/2022-6/2022, Neuroscience - rotation)  
Ebrahim Feghhi (1/2022-3/2022, Neuroscience - rotation)  
Priyanka Sigar (9/2021-current, Neuroscience - primary mentor)  
Lauren Kupis (9/2021-current, Neuroscience - primary mentor)
- Postdoctoral fellows/Research scientists/Visiting scholars  
Katie Bessette (9/2022-current, T32 clinical research fellow)  
Katrine Lindstrøm (9/2022-12/2022, visiting student from Denmark)
- Full- or part-time research assistants  
Elijah Gragas (8/2023-current)

#### **Mentoring: University of Miami**

- Undergraduate students

Julia Hryckowian (2/2021-8/2021, Psychology)  
 Katrina Nguyen (2/2021-8/2021, Neuroscience)  
 Cameron Tovin (2/2021-8/2021, Neuroscience)  
 Leigha Kircher (1/2020-8/2021, Biology & Psychology)  
 Ishaan Shah (9/2019-2/2020, Neuroscience)  
 Andrea Avellaneda (9/2019-8/2021, Neuroscience)  
 Gabriella Balassarre (9/2019-8/2021, Neuroscience)  
 Nick Kathrein (9/2019-5/2021, Neuroscience, current master's student)  
 Megan Padgett (9/2019-8/2021, Health Science)  
 Grant Foster (1/2019-5/2019, Neuroscience, current master's student)  
 Marissa Miara (1/2019-5/2020, Neuroscience)  
 Laura Rosok (1/2019-5/2020, Neuroscience, current University of Illinois at Urbana-Champaign graduate student)  
 Alexander Douma (1/2019-8/2022, Neuroscience)  
 Phoebe Cohen (1/2019-5/2020, Psychology, Neuroscience and Philosophy)  
 Stephanie Hoang (1/2019-8/2022, Chemistry)  
 Melissa Huberman (11/2017-9/2019, Biochemistry and Molecular Biology)  
 Adriana Baez (8/2017-5/2019, Neuroscience, current medical student)  
 Emily Marshall (8/2017-5/2020, Neuroscience, current medical student)  
 Ozerk Turan (8/2017-5/2019, Psychology, current medical student)  
 Syntia Hadis (7/2017-1/2018, Psychology, current research assistant)  
 Sahana Shankar (11/2016-5/2019, Neuroscience, current medical student)  
 Ali Shaikh (11/2016-8/2018, Neuroscience)  
 Karanvir Dhothar (11/2015-5/2016, Biology/Psychology)  
 Selene Marcano (11/2015-5/2016, Biomedical Engineering)  
 Michael Ortega (7/2015-5/2016, Neuroscience)  
 Augusto Cividini (6/2015-8/2015, Neuroscience)  
 Laura Molina (5/2015-4/2018, Neuroscience, current research assistant)  
 Michelle Williams (5/2015-12/2016, Neuroscience, current medical student)  
 Crystal Lam (4/2015-7/2015, Psychology)  
 Melanie Winters (4/2015-5/2017, Neuroscience, current medical student)  
 Elana Schettini (4/2015-5/2017, Neuroscience, current Ohio State University graduate student)  
 Zahra Markatia (1/2015-3/2015, Neuroscience)  
 Rebecca Kow (1/2015-8/2015, Neuroscience)  
 Hannah Long (9/2014-5/2017, Neuroscience)  
 Kush Panara (8/2014-5/2016, Neuroscience, current medical student)  
 Rochelle Camino (7/2014-5/2015, Biomedical Engineering, current research assistant)  
 Chris Duke (7/2014-5/2016, Neuroscience)  
 Ayesha Kar (2/2014-4/2015, Neuroscience)  
 Anna Ivanova (2/2014-5/2017, Neuroscience, current MIT graduate student)

- Graduate students
  - Celia Romero (8/2020-current, Psychology: Child Clinical)
  - Lauren Kupis (8/2019-current, Psychology: Cognitive and Behavioral Neuroscience)
  - Grace Lei (11/2017-11/2018, visiting student from China)
  - Taylor Bolt (8/2015-5/2018, Psychology: Cognitive and Behavioral Neuroscience, current Lead Data Scientist Consultant at Deloitte)

- Elena Buglo (1/2015-3/2015, Program in Biomedical Sciences rotation: Neuroscience)  
 Dina Dajani (8/2014-12/2018, Psychology: Cognitive and Behavioral Neuroscience, current User Experience Researcher at Facebook)  
 Casey Burrows (8/2014-5/2018, Psychology: Child Clinical and Developmental, current Assistant Professor of Pediatrics at University of Minnesota Autism and Neurodevelopment Clinic)  
 Nooshin Zadeh (6/2014-10/2014, Electrical Engineering)  
 Rosa Steimke (3/2014-5/2014, visiting student from Germany)
- Postdoctoral fellows/Research scientists/Visiting scholars  
 Akiko Kobayashi (4/2019-10/2019, visiting student from Japan)  
 Salome Kornfeld (1/2019-1/2020, visiting postdoctoral fellow from Switzerland)  
 Kenny Skagerlund (11/2017-5/2018, visiting postdoctoral fellow from Sweden)  
 Shruti Gopal (7/2016-4/2018, current Research Scientist in Healthcare Data Analytics at Phillips)  
 Jason Nomi (7/2014-7/2017, current Assistant Researcher at UCLA)  
 Rosa Steimke (1/2015-3/2015 & 4/2016-6/2016, visiting postdoctoral fellow from Germany)
  - Full- or part-time research assistants  
 Adriana Baez (6/2019-7/2019)  
 Celia Romero (12/2018-7/2020, current University of Miami graduate student)  
 Isabel Osgood (9/2018-11/2018)  
 Bryce Dirks (10/2017-9/2020)  
 Melanie Winters (5/2017-7/2017)  
 Willa Voorhies (6/2016-7/2018, UC Berkeley Ph.D.)  
 Paola Odriozola (9/2015-7/2016, Yale Ph.D.)  
 Kris Farrant (1/2014-7/2016)

### **Awards and Honors Granted to Trainees**

- Lauren Kupis: NIMH F31 “Brain-based biomarkers of restricted and repetitive behaviors in toddlers at risk for autism”, 2023-2025 (\$79,374)
- Katie Bessette: UCLA Brain Research Institute Flexible Travel Award, 2023 (\$2,150)
- Lauren Kupis: UCLA Dissertation Year Fellowship, 2023-2024 (\$20,000)
- Jordi Martinez: UCLA Scheibel Scholarship, 2023 (\$10,500)
- Priyanka Sagar: INSAR Student and Trainee Award, 2023 (\$500)
- Lauren Kupis: UCLA Brain and Behavioral Development during Adolescence T32 Fellowship, 2022-2023 (\$25,836)
- Katie Bessette: UCLA Child Mental Health Intervention Research T32 Postdoctoral Fellowship, 2022-2024
- Lauren Kupis: INSAR Diversity Travel Award, 2022 (\$1,000)
- Celia Romero: University of Miami Mundy-Scott Award for Excellence in Autism Research, 2021 (\$500)
- Will Snyder: National Science Foundation Graduate Fellowship Award, 2021
- Alex Douma: PRIME Summer Research Program, 2021 (\$4,000)
- Lauren Kupis: University of Miami Lois Pope Life Fellowship Award, 2020 (\$1,000)
- Nick Kathrein: PRIME Summer Research Program, 2020 (\$4,000, cancelled March 31, 2020 due to COVID-19)
- Lauren Kupis: University of Miami Antonio Orlando Neuroscience Award, 2020 (\$1,700)

- Jason Nomi: NARSAD Young Investigator Grant, 2020-2022 (\$70,000)
- Alexis Delgado: Council on Undergraduate Research REU Symposium, 2019
- Taylor Bolt: Rod Gillis Outstanding Student Teaching Award, 2018
- Willa Voorhies: Brainhack 2018 Data Blitz Prize (\$200)
- Willa Voorhies: National Science Foundation Graduate Fellowship Honorable Mention, 2018
- Dina Dajani: Ironson Distinguished Speakers Student Award, 2018 (\$300)
- Adriana Baez: PRIME Summer Research Program, 2018 (\$4,000)
- Adriana Baez: ACC Meeting of the Minds Research Conference Travel Award, Boston College, 2018
- Casey Burrows: Society for Clinical Child and Adolescent Psychology Routh Research and Dissertation Award, 2017 (\$2,500)
- Shruti Vij: Accepted to 2017 University of Washington Neurohackweek
- Dina Dajani: University of Miami Antonio Orlando Neuroscience Award, 2017 (\$2,500)
- Dina Dajani: University of Miami Dr. Keith Scott Graduate Award for Excellence in Autism Research, 2017 (\$500)
- Bosi Chen: University of Miami Maytag Fellowship, 2017 (declined)
- Dina Dajani: University of Miami Graduate Summer Award, 2017 (\$5,000, declined)
- Taylor Bolt: Brainhack 2017 Data Blitz Prize (\$300)
- Dina Dajani: Merit Abstract Award, OHBM 2017 (\$2,000, declined)
- Dina Dajani: Flipse Award, 2016 (\$1,000)
- Jason Nomi: Flux Travel Award, 2016 (\$500)
- Dina Dajani: Accepted to 2016 UCLA Advanced Neuroimaging Summer Program
- Taylor Bolt: Accepted to 2016 UCLA Advanced Neuroimaging Summer Program
- Paola Odriozola: National Science Foundation Graduate Fellowship Award, 2016
- Elana Schettini: PRIME Summer Research Program, 2016 (\$2,000)
- Melanie Winters: Lois Pope Summer Fellowship, 2016 (\$2,500)
- Casey Burrows: University of Miami Dissertation Award and Summer Award, 2016
- Jason Nomi: Merit Abstract Award, OHBM 2016 (\$2,000)
- Jason Nomi: Brainhack 2015 Data Blitz Prize (\$200)
- Dina Dajani: Accepted to 2015 Mortimer D. Sackler, M.D. Summer Institute and 2015 Summer Institute in Cognitive Neuroscience (declined)
- Jason Nomi: Accepted to 2015 UCLA Advanced Neuroimaging Summer Program
- Anna Ivanova: Lois Pope Summer Fellowship, 2015 (\$2,500)
- Anna Ivanova: “Beyond the Book” Scholarship, 2014 (\$2,500)
- Rosa Steimke: German Academic Exchange Service scholarship, 2014
- Casey Burrows: Flipse Award, 2014 (\$1,000)
- Dina Dajani: Dean’s Fellowship, 2014-2016 (\$50,000)

### **Media Coverage, Blog Posts and Podcasts**

- Name this network: Addressing huge inconsistencies across studies (<https://www.thetransmitter.org/brain-imaging/name-this-network-addressing-huge-inconsistencies-across-references/>)
- “You need to be patient in science, but it is hard” (<https://www.uclahealth.org/news/you-need-be-patient-science-it-hard>)

- What does the spontaneous activity in the brain tell us? How is open science changing research? (<https://www.youtube.com/watch?v=Uxszoqqosgs>)
- Alterations in circuits characterize six psychiatric conditions (<https://www.spectrumnews.org/news/alterations-in-circuits-characterize-six-psychiatric-conditions/>)
- The enigma within: Navigating the intricacies of the brain's complexity with Professor Lucina Uddin (<https://www.puplier.com/012-the-enigma-within-unlocking-the-mind>)
- Edgy cognitive neuroscience, casual mentorship, and dismantling unjust systems: A conversation with Linda Spear Award winner Lucina Uddin (<https://fluxsociety.org/linda-spear-award-winner-lucina-uddin/>)
- How Scientific Publishers' Extreme Fees Put Profit Over Progress (<https://www.thenation.com/article/society/neuroimage-elsevier-editorial-board-journal-profit/>)
- In conversation with Lucina Q. Uddin (<https://rdcu.be/dcrTI>)
- Editors quit top neuroscience journal to protest against open-access charges (<https://www.nature.com/articles/d41586-023-01391-5>)
- Sensitive Periods: A Flux Society Podcast - Crafting an academic talk (<https://www.buzzsprout.com/2024695/12011256>)
- Human brain's functional connectivity boils down to three patterns in time and space (<https://www.genengnews.com/neuroscience/human-brains-functional-connectivity-boils-down-to-three-patterns-in-time-and-space/>)
- UCLA researchers provide new framework for studying brain organization (<https://www.uclahealth.org/news/ucla-researchers-provide-new-framework-studying-brain-0>)
- NeurOn Topic: Learning and Teaching, Interview with Professor Lucina Uddin (<https://blogs.imperial.ac.uk/neuron-topic/2022/05/06/interview-with-professor-lucina-uddin-sometimes-unexpected-insights-and-ideas-come-from-forced-idleness/>)
- OHBM Neurosalience: Lucina Uddin, Mapping the changing brain with functional and structural MRI (<https://anchor.fm/ohbm/episodes/S2-EP14-Lucina-Uddin--Mapping-the-Changing-Brain-with-Functional-and-Structural-MRI-e1cih5g>)
- Stories of women in neuroscience (<https://www.storiesofwin.org/profiles/2021/10/6/yfotne8s6tr900smuldsaxwaimg96u>)
- High impact coffee hour podcast ([https://open.spotify.com/episode/00NHf0Do6yAihCoqhBV6BL?si=wROOpyQKRnCXMQUBucSO6Q&dl\\_branch=1&nd=1](https://open.spotify.com/episode/00NHf0Do6yAihCoqhBV6BL?si=wROOpyQKRnCXMQUBucSO6Q&dl_branch=1&nd=1))
- 7 ways to communicate your research to a wider audience (<https://www.auntminnie.com/index.aspx?sec=ser&sub=def&pag=dis&ItemID=132394>)
- Puberty and autism: An unexplored transition (<https://www.spectrumnews.org/features/deep-dive/puberty-and-autism-an-unexplored-transition/>)
- Community newsletter: All about cognitive flexibility (<https://www.spectrumnews.org/news/community-newsletter-all-about-cognitive-flexibility/>)
- Flexible Brains and Adjusting to a Changing World (<https://www.psychologytoday.com/us/blog/the-dynamic-brain/202102/flexible-brains-and-adjusting-changing-world>)
- A&S faculty members make list of most influential researchers (<https://news.miami.edu/as/stories/2020/11/cited-faculty-2020.html>)

- Rethinking ‘noise’ in autism research (<https://www.spectrumnews.org/opinion/q-and-a/rethinking-noise-in-autism-research/>)
- Stand Up Science (<https://www.wlrn.org/post/south-floridas-coronavirus-protections-students-file-climate-change-lawsuit-stand-science>)
- Humans of Neuroscience (<https://medium.com/humans-of-neuroscience/dr-lucina-uddin-d71ec8ef4e12>)
- Three Universities with Phenomenal Psychology Faculty (<https://www.onlineeducation.com/features/phenomenal-psychology-faculty>)
- UM psychologists host annual neuroscience conference in Miami (<https://news.miami.edu/as/stories/2019/04/sans-brain-conference.html>)
- No Brain Connectivity Differences Between Autism, ADHD, and “Typical Development” (<https://www.madinamerica.com/2019/04/no-brain-connectivity-differences-autism-adhd-typical-development/>)
- Large set of brain scans reveals no telltale signs of autism (<https://www.spectrumnews.org/news/large-set-brain-scans-reveals-no-telltale-signs-autism/>)
- New U-LINK awards support innovative ideas for tough problems (<https://news.miami.edu/stories/2019/01/new-u-link-awards-support-innovative-ideas-for-tough-problems.html>)
- Peer review of methods before study’s onset may benefit science (<https://www.spectrumnews.org/opinion/viewpoint/peer-review-methods-studys-onset-may-benefit-science/>)
- Forging New Collaborations in Research & Science (<http://www.as.miami.edu/news/news-archive/forging-new-collaborations-in-research--science-.html>)
- Inquiring Minds: Mapping Human Brains (<https://inquiring.show/episodes/2018/1/8/207-lucina-uddin-mapping-human-brains>)
- University of Miami Associate Professor Receives Recognition from Peers for Research in Brain Connectivity and Cognition (<http://www.as.miami.edu/news/news-archive/university-of-miami-associate-professor-receives-recognition-from-peers-for-research-in-brain-connectivity-and-cognition-.html>)
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- Brain Scans Show Distinct Traits in Kids with Autism: Study (<http://health.usnews.com/health-news/family-health/brain-and-behavior/articles/2011/09/02/brain-scans-show-distinct-traits-in-kids-with-autism-study>)
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### Contributions to Open Science: Data and Resources

- Conducted data quality checks for a subset of NKI Rockland Sample ([http://fcon\\_1000.projects.nitrc.org/indi/enhanced/qc.html](http://fcon_1000.projects.nitrc.org/indi/enhanced/qc.html))
- Creation of Public Data Database, 2017
- (<https://sites.google.com/site/publicdatadatabase/list-of-databases>)
- Contributed neuroimaging and phenotypic data to the Autism Brain Imaging Data Exchange II – University of Miami, 2017 ([http://fcon\\_1000.projects.nitrc.org/indi/abide/abide\\_II.html](http://fcon_1000.projects.nitrc.org/indi/abide/abide_II.html))
- Contributed neuroimaging and phenotypic data to the Autism Brain Imaging Data Exchange I – Stanford University, 2012 ([http://fcon\\_1000.projects.nitrc.org/indi/abide/abide\\_I.html](http://fcon_1000.projects.nitrc.org/indi/abide/abide_I.html))

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- Bolt T, **Uddin LQ**. “*The brain is...*”: A survey of the brain’s many definitions. Under Review.
- Bolt T, Wang S, Nomi JS, Setton R, Gold BP, Frederick BB, Yeo BTT, Chen J, Picchioni D, Spreng RN, Keilholz SD, **Uddin LQ**, Chang C. *Widespread neural and autonomic system synchrony across the brain-body axis*. Under Review.
- Dhamala E, Ricard JA, **Uddin LQ**, Galea LAM, Jacobs EG, Yip S, Yeo BTT, Chakravarty MM, Holmes AJ. *Considering the interconnected nature of social identities in neuroimaging research*. Under Review.
- Douma AG, Satpute AB, Kasargod A, Padgett M, Tovin C, Nguyen K, Hryckowian J, Smith C, **Uddin LQ**, Nomi JS. *Shared and distinct brain activation patterns underlying task-switching for numbers and affective images*. Under Review.
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- Fang A, Anderson R, Carter S, Eckstrand K, Hsu K, Jones S, Kryza-Lacombe M, Peckham A, Siegle G, **Uddin LQ**, Weierich, Woody M, Illes J. *Advancing bioethical and critical consciousness in clinical translational neuroscience*. Under Review.
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**Conference Abstracts Since 2014** (\*Denotes trainee presenter)

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## Mapping.

4. Baracchini G\*, Goodman Z\*, da Silva Castanheria J, DeSouza B, Rieck J, Zhou Y, Turner G, Grady C, Nomi JS, **Uddin LQ**, Chakravarty M, Spreng RN (2023). *Growing tomatoes from seed: Methodological considerations on the study of BOLD signal variability*. Annual Meeting of the Organization for Human Brain Mapping.
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11. Romero C\*, Goodman ZT\*, Kupis L\*, Parlade MV, Beaumont AL, Cardona SM, Nomi JS, Alessandri M, Perry LK, **Uddin LQ** (2023). *Associations between bilingualism, executive function, and core autism traits*. Annual Meeting of the International Society for Autism Research.
12. Sigar P\*, **Uddin LQ**, Roy D (2023). *Altered Global Modular Organization of Intrinsic functional connectivity in autism arises from atypical node-level processing*. Annual Meeting of the International Society for Autism Research.
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16. Goodman ZT\*, Nomi JS, Bainter SA, **Uddin LQ**, Loewenstein DA, Curiel Cid RE (2022). *Differential coactivation patterns underlie memory task performance in offspring of patients with Alzheimer's disease*. Annual Meeting of the Organization for Human Brain Mapping.
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19. Sigar P\*, **Uddin LQ**, Nomi JS (2022). *Altered developmental trajectories of brain signal variability in autism*. Annual Meeting of the Organization for Human Brain Mapping.
20. Zhu Y\*, Goodman ZT\*, **Uddin LQ**, Dykstra AR, Nomi JS (2022). *Prediction of subclinical depression from whole brain functional connectomes*. Annual Meeting of the Organization for Human Brain Mapping.
21. Kupis L\*, Kathrein NA\*, Goodman ZT\*, Hoang S\*, Kircher L\*, Nomi JS, **Uddin LQ** (2022). *Age-related changes in insular cortical functional connectivity in autism spectrum disorder*. Annual Meeting of the International Society for Autism Research.
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23. **Uddin LQ**, Betzel RF, Cohen JR, Damoiseaux JS, De Brigard F, Eickhoff SB, Fornito A, Gratton C, Gordon EM, Laird AR, Larson-Prior L, McIntosh AR, Nickerson LD, Pessoa L, Pinho AL, Poldrack RA, Razi A, Sadaghiani S, Shine JM, Yendiki A, Yeo BTT, Spreng RN (2021). *Update from WHATNET: Workgroup for Harmonized Taxonomy of NETWORKs*. Annual Meeting of the Organization for Human Brain Mapping (Virtual).
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26. Romero C\*, Kupis L\*, Avellaneda A\*, Baez A\*, Alessandri M, Nomi JS, **Uddin LQ** (2021). *Neural predictors of anxiety and depression outcomes associated with the COVID-19 pandemic in children with autism*. Annual Meeting of the Organization for Human Brain Mapping (Virtual).
27. Snyder W\*, **Uddin LQ**, Nomi JS (2021). *Dynamic functional connectivity profile of the salience network across the lifespan*. Annual Meeting of the Organization for Human Brain Mapping (Virtual).
28. Kupis L\*, Goodman ZT\*, Kircher L\*, Romero C\*, Dirks B\*, Chang C, Nomi JS, **Uddin LQ** (2021). *Altered patterns of brain dynamics linked with body mass index in youth with autism*. Annual Meeting of the International Society for Autism Research (Virtual).
29. Romero C\*, Kupis L\*, Avellaneda A\*, Baez A\*, Dirks B\*, Beaumont AL, Cardona SM, Parlade MV, Alessandri M, Nomi JS, **Uddin LQ** (2021). *Symptom severity outcomes of COVID-19 confinement among youth with autism*. Annual Meeting of the International Society for Autism Research (Virtual).
30. Goodman ZT\*, Nomi JS, **Uddin LQ**, Lowenstein DA, Curiel RE (2021). *Differences in limbic functional connectivity among offspring of patients with Alzheimer's disease*. Annual Meeting of the International Neuropsychological Society (Virtual).
31. Kupis L\*, Romero C\*, Dirks B\*, Hoang, Parlade MV, Beaumont AL, Cardona SM, Alessandri M, Chang C, Nomi JS, **Uddin LQ** (2020). *Evoked and intrinsic brain network dynamics in children with autism spectrum disorder*. Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience (Virtual).
32. Romero C\*, Baez AC\*, Kupis L\*, Dirks B\*, Parlade M, Alessandri M, Nomi JS, **Uddin LQ** (2020). *Neural predictors of psychosocial outcomes associated with the COVID-19 pandemic in children with autism spectrum disorder*. Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience (Virtual).
33. Goodman ZT\*, Bainter SA, Bolt T, **Uddin LQ**, Nomi JS (2020). *Investigating the relationship between resting-state brain signal variability and dynamic network transitions using structural equation modeling*. Annual Meeting of the Organization for Human Brain Mapping (Virtual).
34. Goodman ZT\*, Bainter SA, Kornfeld S, Nomi JS, **Uddin LQ** (2020). *Dynamic co-activation patterns and depressive symptoms in a normative adult sample*. Annual Meeting of the Organization for Human Brain Mapping (Virtual).
35. Kiesow H, **Uddin LQ**, Bernhardt B, Kable J, Bzdok D (2020). *Dissecting the midlife crisis: Social, personality and demographic determinants reverberate in social brain anatomy*. Annual Meeting of the Organization for Human Brain Mapping (Virtual).

36. Kornfeld S, Nomi JS, Goodman ZT\*, Romero C\*, Dirks B\*, **Uddin LQ** (2020). *Brain signal variability and cognitive flexibility across the lifespan*. Annual Meeting of the Organization for Human Brain Mapping (Virtual).
37. Kupis L\*, Dirks B\*, Romero C\*, Parlade MV, Alessandri M, Nomi JS, **Uddin LQ** (2020). *Functional brain dynamics in autism assessed using co-activation pattern analysis*. Annual Meeting of the Organization for Human Brain Mapping (Virtual).
38. Nomi JS, Bzdok D, Li J, Bolt T, Kornfeld S, Goodman ZT\*, Yeo BTT, Spreng RN, **Uddin LQ** (2020). *Global signal topography changes across the lifespan*. Annual Meeting of the Organization for Human Brain Mapping (Virtual).
39. Romero C\*, Goodman ZT\*, Kupis L\*, Dirks B\*, Parlade MV, Alessandri M, Custode S, Perry LK, Nomi JS, **Uddin LQ** (2020). *Functional connections underlying the bilingual executive function advantage in children with autism*. Annual Meeting of the Organization for Human Brain Mapping (Virtual).
40. Dirks B\*, Nomi JS\*, Voorhies W\*, Parlade M, Alessandri M, **Uddin LQ** (2019). *Association of default mode network functional and structural connectivity with social responsiveness in autism*. Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience.
41. Nomi JS\*, Marshall E\*, Dirks B\*, Romero C\*, Voorhies W\*, Parlade M, Alessandri M, **Uddin LQ** (2019). *Saliency network co-activation patterns in children with autism spectrum disorder*. Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience.
42. Romero C\*, Dirks B\*, Voorhies W\*, Dajani DR\*, Odriozola P\*, Burrows CA\*, Nomi JS, Parlade M, Alessandri M, Britton JC, **Uddin LQ** (2019). *Neural systems supporting set-shifting in children with autism spectrum disorder*. Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience.
43. Radabaugh H\*, Bonnell J\*, Nemeth Z, **Uddin LQ**, Shapiro L, Sarkar D, Schwartz O, Dietrich WD, Bramlett H (2019). *Probing the Operation Brain Trauma Therapy dataset using machine learning techniques*. Annual Meeting of the National Neurotrauma Symposium.
44. Dirks B\*, Voorhies W\*, Dajani DR\*, Odriozola P\*, Burrows CA\*, Nomi JS\*, Parlade M, Alessandri M, Britton JC, **Uddin LQ** (2019). *Neural correlates of cognitive flexibility in typically developing children*. Annual Meeting of the Organization for Human Brain Mapping.
45. Nomi JS\*, Bolt T\*, Heller A, **Uddin LQ** (2019). *Test-retest reliability of resting-state BOLD signal variability measures*. Annual Meeting of the Organization for Human Brain Mapping.
46. Baez A\*, Dajani DR\*, Voorhies W\*, Llabre MM, **Uddin LQ** (2019). *Parsing heterogeneity of executive function in typically and atypically developing children: A conceptual replication and exploration of relationships with social function*. Annual Meeting of the Social & Affective Neuroscience Society.

47. Dirks B\*, Nomi JS\*, Voorhies W\*, Dajani DR\*, **Uddin LQ** (2019). *Association of default mode network functional and structural connectivity with social responsiveness in autism*. Annual Meeting of the Social & Affective Neuroscience Society.
48. Marshall E\*, Nomi JS\*, Zaidel E, Biswal B, Castellanos FX, Dick AS, Mooshagian E, **Uddin LQ** (2019). *Extra-callosal pathways supporting interhemispheric communication after complete commissurotomy*. Annual Meeting of the Social & Affective Neuroscience Society.
49. Shankar S\*, Turan TO\*, Nomi JS\*, Voorhies W\*, Huberman M, Vij SG\*, **Uddin LQ** (2019). *Resting state functional connectivity of attention networks links to social responsiveness deficits in autism spectrum disorder*. Annual Meeting of the Social & Affective Neuroscience Society.
38. Turan TO\*, Shankar S\*, Nomi JS\*, Voorhies W\*, Huberman M\*, Vij SG\*, **Uddin LQ** (2019). *Atypical salience network connectivity in children with autism relates to deficits in social processing*. Annual Meeting of the Social & Affective Neuroscience Society.
39. Xu L, Bolt T\*, Nomi JS\*, Li J, Zheng X, Fu M, Kendrick KM, Becker B, **Uddin LQ** (2019). *Inter-subject phase synchronization reveals neural networks underlying physical pain empathy*. Annual Meeting of the Social & Affective Neuroscience Society.
40. Bolt T\*, Nomi JS\*, **Uddin LQ** (2018). *Characterizing whole-brain resting-state activity using recurrence plots and networks*. Annual Meeting of the Organization for Human Brain Mapping.
41. Dajani DR\*, Odriozola P\*, Winters M\*, Voorhies W\*, Marcano S\*, Baez A\*, Dick AS, **Uddin LQ** (2018). *Investigating the neural correlates of cognitive flexibility with the Flexible Item Selection Task*. Annual Meeting of the Organization for Human Brain Mapping.
42. Dajani DR\*, Burrows CA\*, Nebel MB, Mostofsky SH, Gates K, **Uddin LQ** (2018). *Parsing heterogeneity in autism and attention-deficit/hyperactivity disorder with individual connectome mapping*. Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience.
43. Nomi JS\*, Bolt TS\*, Heller AS, **Uddin LQ** (2018). *Test-retest reliability of resting-state BOLD signal variability measures*. Sixth Biennial Conference on Resting State and Brain Connectivity.
44. Nomi JS\*, Bolt TS\*, **Uddin LQ** (2018). *Time-varying co-activation patterns of the dorsal anterior insula across tasks*. Annual Meeting of the Organization for Human Brain Mapping.
45. Vij SG\*, Dajani DR\*, Odriozola P\*, Winters M\*, Voorhies W\*, Marcano S\*, Baez A\*, Dick AS, **Uddin LQ** (2018). *Frequency specific dynamics underlie cognitive flexibility during Flexible Item Selection Task*. Annual Meeting of the Organization for Human Brain Mapping.
46. Denkova E, Nomi JS\*, Vij SG\*, **Uddin LQ**, Jha AP (2018). *In search of mind wandering: Dynamic functional connectivity during rest and task*. Annual Meeting of the Cognitive Neuroscience Society.
47. Vij SG\*, **Uddin LQ** (2018). *Cognitive flexibility tracks with dynamic transitions in intrinsic*

*connectivity profiles*. Annual Meeting of the Cognitive Neuroscience Society.

48. Bolt T\*, Nomi JS\*, Vij S\*, **Uddin LQ** (2017). *Characterizing task-evoked brain activity using inter-subject synchronization dynamics*. Annual Meeting of the Organization for Human Brain Mapping.
49. Burrows CA\*, Dajani DR\*, Odriozola P\*, Voorhies W\*, Lane S, Gates K, **Uddin LQ**. (2017). *Effective connectivity-based subgrouping reveals heterogeneity of autism symptomatology*. Annual Meeting of the Organization for Human Brain Mapping.
50. Dajani DR\*, Odriozola P\*, **Uddin LQ** (2017). *Neural correlates of cognitive flexibility across the lifespan*. Annual Meeting of the Organization for Human Brain Mapping.
51. Nomi JS\*, Schettini E\*, Broce I, Dick AS, **Uddin LQ** (2017). *Structural connections of functionally-defined human insular subdivisions*. Annual Meeting of the Organization for Human Brain Mapping.
52. Vij SG\*, Nomi JS\*, **Uddin LQ** (2017). *Changes in functional network topology across the lifespan*. Annual Meeting of the Organization for Human Brain Mapping.
53. Voorhies W\*, Dajani DR\*, Vij SG\*, **Uddin LQ** (2017). *Aberrant functional connectivity of inhibitory control networks in children with autism*. Annual Meeting of the Organization for Human Brain Mapping.
54. Bolt T\*, Nomi JS\*, **Uddin LQ** (2016). *Characterizing task-general changes in functional connectivity: Effects of motion and physiological noise*. Annual Meeting of the Organization for Human Brain Mapping.
55. Burrows CA\*, **Uddin LQ** (2016). *Functional connectivity of cortical midline structures relates to repetitive negative thinking*. Annual Meeting of the Organization for Human Brain Mapping.
56. Dajani DR\*, Odriozola P\*, Nebel MB, Llabre M, Mostofsky SH, **Uddin LQ** (2016). *Compromised integrity of executive control and salience networks reflects heterogeneous executive function ability in ASD and ADHD*. Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience.
57. Dajani DR\*, Odriozola P\*, Nebel MB, Mostofsky SH, **Uddin LQ** (2016). *Functional brain network integrity reflects heterogeneous executive function ability in ASD and ADHD*. Annual Meeting of the Organization for Human Brain Mapping.
58. Dajani DR\*, Nebel MB, Mostofsky SH, **Uddin LQ** (2016). *Latent profile analysis reveals distinct executive function profiles across children with ASD and ADHD*. International Meeting for Autism Research.
59. Gopal S\*, Nomi JS\*, Dajani DR\*, Steimke R\*, Damaraju E, Rachakonda S, Baum SA, **Uddin LQ**, Calhoun VD (2016). *Inter-subject variability in dynamic functional connectivity states tracks*

*with occupancy of states.* Annual Meeting of the Organization for Human Brain Mapping.

60. Neumann D, **Uddin LQ** (2016). *Reduced flexibility of cingulate-based functional networks in autism.* Annual Meeting of the Organization for Human Brain Mapping.
61. Nomi JS\*, Bolt TS\*, Ezie C, **Uddin LQ**, Heller AS (2016). *Moment-to-moment BOLD signal variability reflects functional specialization across development.* Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience.
62. Nomi JS\*, Gopal S\*, Dajani DR\*, Steimke R\*, Damaraju E, Rachakonda S, Calhoun VD, **Uddin LQ** (2016). *Intrinsic functional brain dynamics underlying executive function.* Annual Meeting of the Organization for Human Brain Mapping.
63. Odriozola P\*, Dajani DR\*, Burrows CA\*, Gabard-Durnam LJ, Gee DG, Tottenham N, **Uddin LQ** (2016). *Atypical development of amygdala functional connectivity in autism: a cross-sectional study.* Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience.
64. Odriozola P\*, Dajani D\*, Gabard-Durnam LJ, Tottenham N, **Uddin LQ** (2016). *Atypical amygdala functional connectivity in autism across development.* Annual Meeting of the Organization for Human Brain Mapping.
65. Steimke RS\*, Nomi JS\*, Calhoun VD, Stelzel C, Paschke L, Walter H, **Uddin LQ** (2016). *Saliency network dynamics underlying successful resistance of temptation.* Annual Meeting of the Organization for Human Brain Mapping.
66. Burrows C\*, Laird AR, **Uddin LQ** (2015). *Functional connectivity of brain regions for self- and other evaluation in children, adolescents, and adults with autism.* Annual Meeting of the Organization for Human Brain Mapping.
67. Ciric R\*, Nomi JS\*, **Uddin LQ**, Satpute AB (2015). *Contextual connectivity: Intrinsic dynamic architecture of large-scale functional brain networks.* Annual Meeting of the Society for Neuroscience.
68. Dajani D\*, **Uddin LQ** (2015). *Local brain connectivity across the lifespan in autism spectrum disorder and typical development.* International Meeting for Autism Research.
69. Dajani D\*, **Uddin LQ** (2015). *Relationship between cognitive flexibility and prefrontal cortical functional connectivity.* Annual Meeting of the Organization for Human Brain Mapping.
70. Farrant K\*, **Uddin LQ** (2015). *Atypical development of dorsal and ventral attention networks in autism.* Annual Meeting of the Organization for Human Brain Mapping.
71. Nomi JS\*, Farrant K\*, Damaraju E, Rachakonda S, Calhoun VD, **Uddin LQ** (2015). *Dynamic functional network connectivity reveals unique and overlapping profiles of insula subdivisions.* Annual Meeting of the Organization for Human Brain Mapping.

72. Farrant K\*, **Uddin LQ** (2014). *Asymmetric development of dorsal and ventral attention networks in the human brain*. Fourth Biennial Conference on Resting State/Brain Connectivity.
73. Ivanova A\*, **Uddin LQ**, de Bode S (2014). *Functional organization of language networks in children with left hemispherectomy*. Fourth Biennial Conference on Resting State/Brain Connectivity.

#### **Selected Earlier Conference Abstracts**

1. **Uddin LQ**, Lynch CJ, Cheng KM, Odriozola P, Kochalka J, Barth ME, Chen T, Feinstein C, Menon V (2014). *Saliency network connectivity and social attention in children with autism*. Annual Meeting of the Organization for Human Brain Mapping.
2. **Uddin LQ**, Ryali S, Supekar K, Menon V (2013). *Functional organization of the insula in typical development and children with autism*. Annual Meeting of the Organization for Human Brain Mapping.
3. **Uddin LQ**, Supekar K, Lynch C, Cheng KM, Barth M, Ryali S, Menon V (2013). *Atypical causal influences between brain regions in children with autism*. International Meeting for Autism Research.
4. **Uddin LQ**, Supekar K, Lynch C, Khouzam A, Ryali S, Menon V (2012). *Atypical causal influences from the insula in autism*. Annual Meeting of the Organization for Human Brain Mapping.
5. **Uddin LQ**, Barth M, Khouzam A, Supekar K, Rosenberg-Lee M, Phillips J, Hardan A, Menon V (2010). *Atypical organization of intrinsic brain networks in young children with autism spectrum disorder*. Annual Meeting of the Organization for Human Brain Mapping.
6. **Uddin LQ**, Kelly AMC, Shehzad ZE, Margulies DS, Castellanos FX, Milham MP, Petrides M (2008). *Functional connectivity reflects anatomical connectivity: A resting-state fMRI examination of ventrolateral prefrontal cortex*. Annual Meeting of the Society for Neuroscience.
7. **Uddin LQ**, Shehzad Z, Gee DG, Gallagher BD, Adelstein JS, Kelly AMC, Margulies DS, Reiss P, Castellanos FX, Milham MP (2008). *A resting-state functional connectivity approach to understanding empathy*. Annual Meeting of the Social & Affective Neuroscience Society.
8. **Uddin LQ**, Kelly AMC, Biswal B, Milham MP, Castellanos FX (2007). *Resting state networks in ADHD and controls*. Annual Meeting of the Cognitive Neuroscience Society.
9. **Uddin LQ**, Berman S, Lieberman M, Zaidel E (2006). *ERP indices of overt and covert self-recognition*. Annual Meeting of the Society for Neuroscience.
10. **Uddin LQ**, Keenan JP, Mooshagian E, Rayman J, Zaidel E (2002). *Self-recognition in the two cerebral hemispheres*. Annual Meeting of the Society for Neuroscience.