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

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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

- 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: 63, i10-index 111, Total Citations > 29,300

- Expertscape "World Expert in the Brain", 2021 (https://expertscape.com/ex/brain)
- **Organization for Human Brain Mapping (OHBM) Inaugural Diversity & Inclusivity Champion Award, 2021 ($2500)**
- **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 ($4500), "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 ($5000)**
- **OHBM Young Investigator Award, 2017 ($5000)**
- **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 Fellowship Award Recipient, 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: Susan Bookheimer, Mirella Dapretto, 2021-2027
  NIDA U01DA050987
  ABCD-USA Consortium: Research Project Site at UCLA
  Role: Co-I

- Principal Investigator: Manish Saggar, 2021-2026
  NIH R01MH127608
  Examining the Hierarchical Structure of the RDoC Framework using Large-scale Data-driven Computational Approaches
  Role: Consultant

- 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 (U-LINK) Social Equity Challenge; $99,790
  Joint Academic Nurtureship for Underrepresented Students: A Science Technology Engineering Arts and Mathematics Initiative

- Principal Investigator: Sierra Bainter, 2020-2025
  NIMH Career Development Award K01 MH122805
  Bayesian Variable Selection Methods to Accelerate Identification of Important Psychological Predictors and Neural Substrates of Psychopathology
  Role: Co-mentor

- Principal Investigator: Roger McIntosh, 2018-2023
  NIH Career Development Award K01 HL139722

HIV-related Changes to the Central-autonomic Network and Associated Risk for Hypertension
Role: Co-mentor

- Principal Investigator: Jason Nomi, 2019-2021
  NIH R03 MH121668; $150,500
  Brain Signal Variability as a Novel Marker of Flexible Cognition in Autism
  Role: Co-I

Completed Research Support

- Principal Investigator: Lucina Q. Uddin, 2015-2021
  NIH BRAINS R01 MH107549; $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
  NIH R21MH112928; $263,375
  Neural Circuitry of Valence Flexibility Across Development
  Role: Co-I

- Principal Investigator: Lisa Aziz-Zadeh, 2015-2020
  NIH R01 HD079432
  The Neurobiological Basis of Heterogeneous Social and Motor Deficits in ASD
  Role: Consultant

- 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 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
  NIMH Career Development Award to Promote Diversity in Neuroscience Research
  K01 MH092288; $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

- 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 4th, 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 22, 2022: Brainhack Global, UCLA - 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)
- 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)
- 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

- Justice, Equity, Diversity, and Inclusion Workgroup on Responsible Use of ABCD Study Data, 2021-current
- Organization for Human Brain Mapping (OHBM) Diversity and Inclusivity Committee chair elect, 2021
- Flux: The Society for Developmental Cognitive Neuroscience Diversity Working Group, 2021-current
- OHBM Diversity and Inclusivity Committee member, 2017-2021
- University of Miami Department of Psychology Diversity and Equity Committee member, 2017-2021

Contributions to Diversity: Mentoring, Outreach, and Events Organized

- 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
    - December 10, 2020: Data collection to support advancement of diversity and inclusivity at OHBM (https://www.ohbmbrainmappingblog.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.ohbmbrainmappingblog.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.ohbmbrainmappingblog.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

- International Society for Autism Research (INSAR) Nominations Committee, 2021-current
- OHBM Scientific Advisory Board, 2021-current
- 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 25th 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. 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"
2. Pontifical Catholic University of Rio Grande do Sul, Brazil, 6th International Bioethics Colloquium: Bioethics, Neuroethics & AI Ethics in a Post-Pandemic World, December 1, 2021: "Neuroethics in the era of Big Data"
3. Montreal AI and Neuroscience Conference, November 30, 2021: "Brain dynamics and flexible behaviors"
4. Adelphi University, November 17, 2021: "Brain dynamics and flexible behaviors"
5. University of Minnesota Institute of Child Development, November 11, 2021: "Brain dynamics and flexible behaviors in typical and atypical development"
6. Pennsylvania State University Center for Brain, Behavior, and Cognition, October 29, 2021: "Brain dynamics and flexible behaviors"
7. 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)
8. University of California Los Angeles, T32 Brain and Behavioral Development During Adolescence Seminar, October 6, 2021: "Network neuroscience of autism: A developmental perspective"
9. 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"
10. Organization for Human Brain Mapping Annual Mentoring and Career Development Symposium, June 21 & 23, 2021: "Best practices for embracing diversity in academic societies"
11. Virtual International Symposium on Cognitive Architecture (VISCA 2021), June 9, 2021: "Brain dynamics and flexible behaviors" (https://www.youtube.com/watch?v=q2iIRdxngLc)
12. Max Planck UCL Centre for Computational Psychiatry and Ageing Research, May 20, 2021: "Brain dynamics and flexible behaviors"
13. University of Montreal, 42nd 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"
14. University of Cambridge, Department of Psychology Zangwill Seminar, May 7, 2021: "Brain dynamics and flexible behaviors" (https://www.youtube.com/watch?v=hHDeXHIeq4E)
15. International Society for Autism Research Keynote, May 5, 2021: "Network neuroscience of autism" (https://www.autism-insar.org/page/INSAR2021Keynotes)
16. University of California Los Angeles David Geffen School of Medicine, April 28, 2021: "Brain dynamics and flexible behaviors"
17. University "G. d'Annunzio" of Chieti-Pescara, April 22, 2021: "Network neuroscience of autism"
18. University of Western Ontario, Department of Psychology, April 8, 2021, "Brain dynamics and flexible behaviors"

19. Carolina Institute for Developmental Disabilities T32 Speaker Series, April 7, 2021: "Brain dynamics and flexible behaviors in typical and atypical development"
20. Issues in Autism Conference, University of Miami Center for Autism & Related Disabilities, April 3, 2021: "Network neuroscience of autism"
21. State University of New York - Binghamton University, March 29, 2021: "Brain dynamics and flexible behaviors"
22. University College London, Affective Brain Lab, March 4, 2021: "Brain dynamics and flexible behaviors"
23. National University of Singapore, Computational Brain Imaging Group, February 23, 2021: "Brain dynamics and flexible behaviors"
24. LMU-CAM Workshop: Sleep, stress, and predictive coding in autism, February 17, 2021: "Saliency and network science of autism"
25. International Neuropsychological Society Symposium, February 3, 2021: "Modeling behavioral and connectomic heterogeneity in autism and ADHD"
26. McLean Hospital, Harvard Medical School, Neuroscience Seminar Series, February 2, 2021: "Cognitive and behavioral flexibility in neuroscience and psychiatry"
27. University of California Davis, Department of Psychology Student-curated Distinguished Speaker Series, January 29, 2021: "Brain dynamics and flexible behaviors"
28. University of Montreal, Neuropsychology and Cognitive and Computational Neuroscience Group, January 13, 2021: "Cognitive and behavioral flexibility: Neural mechanisms and clinical considerations"
29. University of Houston, Department of Psychology, December 11, 2020: "Brain dynamics and flexible behaviors in typical and atypical development"
30. University of Reading, December 9, 2020: "Network neuroscience of autism"
31. Universal Scientific Education and Research Network (USERN) Congress, Tehran, Iran, November 11, 2020: "Brain dynamics and flexible behaviors"
32. National Neuroscience Congress, Ankara, Turkey, November 7, 2020: "Brain dynamics and flexible behaviors"
33. 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)
34. University of Virginia, Biomedical Data Science Seminar Series, October 16, 2020: "Neuroinformatics and cognitive ontologies" (https://www.youtube.com/watch?v=rPjEFuUr7Co)
35. Wellcome Centre for Integrative Neuroimaging, University of Oxford, October 7, 2020: "Cognitive flexibility: Neural mechanisms and clinical considerations"
36. Brain Space Initiative Talk Series, August 28, 2020: "Brain dynamics and flexible behaviors" (https://www.youtube.com/watch?v=UsIHBOrabc4&feature=youtu.be)
37. Organization for Human Brain Mapping Symposium, June 26, 2020: "Parsing heterogeneity in prevalent neurodevelopmental disorders using executive function profiles and individual connectome mapping"
38. Journal of Clinical Child & Adolescent Psychology Future Directions Forum, June 13, 2020: "Future directions for examination of brain networks in neurodevelopmental disorders"

39. University of Miami Center for Autism & Related Disabilities, May 27, 2020: "Brain dynamics and flexible behaviors in autism" (https://www.youtube.com/watch?v=MnjIr98HLdw)
40. Imperial College London, Computational, Cognitive and Clinical Neuroimaging Laboratory, May 21, 2020: "Cognitive flexibility: Neural mechanisms and clinical considerations"
41. University of Miami Mailman Center Grand Rounds, April 24, 2020: "Network neuroscience of autism" (https://www.youtube.com/watch?v=42jxhd1GKGg&feature=youtu.be)
42. 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/)
43. OHBMx Twitter conference keynote, March 20, 2020: "Towards a universal taxonomy of brain networks" (https://twitter.com/LucinaUddin/status/1241115149995474947
44. Inter- and Intra-Person Variability in the Human Brain Virtual Symposium, November 5, 2019: "Heterogeneity of Cognitive Flexibility"

In-person Invited Lectures

1. Boys Town National Research Hospital Institute for Human Neuroscience, March 18, 2022: "Brain dynamics and flexible behaviors"
2. University of California San Diego Brain Imaging First Fridays Seminar, July 9, 2021: "Brain dynamics and flexible behaviors" *(hybrid in-person and virtual)*
3. 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)*
4. 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)*
5. Conectoma Sur, Santiago, Chile, March 23, 2020: "Brain dynamics and flexible behaviors" *(cancelled March 10, 2020 due to COVID-19)*
6. San Diego State University, March 10, 2020: "Network Neuroscience of Autism"
7. University of California San Diego Cognitive Brownbag, March 6, 2020: "Brain dynamics and flexible behaviors"
8. University of Illinois Urbana-Champaign Neuroscience Seminar, March 3, 2020: "Brain dynamics and flexible behaviors"
9. University of Texas at Austin Cognitive Neuroscience & Biomedical Imaging Center Seminar, February 14, 2020: "Brain dynamics and flexible behaviors"
10. 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"
11. 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)
12. BrainModes: Exploring Unified Principles of Brain Connectivity and Dynamics, Pokhara, Nepal, December 12, 2019: "Brain dynamics and flexible behaviors"

13. University of Colorado Boulder, November 11, 2019: "Brain dynamics and flexible behaviors"
14. Indiana University Neuroscience Colloquium Series, October 7, 2019: "Brain dynamics and flexible behaviors"
15. University of Western Ontario, September 23, 2019: "Brain dynamics and flexible behaviors in typical and atypical development"
16. University of Bordeaux, September 16, 2019: "Cognitive and neural flexibility in typical and atypical development"
17. University of Western Ontario, June 25, 2019: "Insular connectivity in typical and atypical development"
18. University of Western Ontario, June 21, 2019: "The role of the insula in cognitive and neural flexibility"
19. Vanderbilt University, April 15, 2019: "Cognitive and neural flexibility"
20. University of Miami 3rd Annual Neural Engineering Symposium, April 4, 2019: "Clinical network neuroscience"
21. Brain Functional Organization, Connectivity, and Behavior, Noosa, Sunshine Coast, Australia, March 12, 2019: "The task-positive/task-negative pattern and the cognitive ontology project"
22. Montreal Neurological Institute, McGill University, February 20, 2019: "Cognitive and neural flexibility"
23. University of Southern California, January 28, 2019: "Cognitive and neural flexibility in typical and atypical development"
24. Alpine Brain Imaging Meeting, Champéry, Switzerland, January 8, 2019: "The salience network and cognitive and neural flexibility"
25. University of California, Los Angeles, Department of Psychology, November 28, 2018: "Cognitive and neural flexibility"
26. Hot Topics in Developmental Disabilities, Boca Raton, FL, November 9, 2018: "Brain connectivity in autism"
27. Psychological, Genetic and Neurological Aspects of ASD Diagnosis, Gdansk, Poland, October 20, 2018: "Brain connectivity and cognition in autism"
28. 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"
29. Duke University Center for Cognitive Neuroscience Colloquium Series, September 21, 2018: "Cognitive and neural flexibility"
30. Florida Atlantic University Neuroscience Seminar Series, September 11, 2018: "Brain connectivity and cognition in typical and atypical development"
31. 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"
32. Organization for Human Brain Mapping Annual Mentoring and Career Development Symposium, June 19, 2018: "Failing better"
33. University of California, San Diego, May 24, 2018: "Network neuroscience approaches to autism"
34. Society of Biological Psychiatry Symposium, May 12, 2018: "Brain signal variability as a novel marker of flexible behavior in autism"

35. 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"
36. 4th Whistler Scientific Workshop on Brain Functional Organization, Connectivity and Behavior, March 6, 2018: "Exploring brain dynamics and flexible behaviors"
37. Alan E. Kazdin Endowed Lecture, San Jose State University, February 12, 2018: "Brain connectivity and cognition in typical and atypical development"
38. Association for Behavior Analysis International, Miami, Florida, February 5, 2018: "Brain connectivity and cognition in autism"
39. Conference on the Neurobiology of Mental Health, Geneva, Switzerland, January 26, 2018: "Brain networks underlying flexible behaviors in autism: Insights from network neuroscience"
40. 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"
41. Control Processes Meeting Data Blitz, Amsterdam, The Netherlands, October 13, 2017: "Salience network dynamics and self-control"
42. 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"
43. Wayne State University, September 7, 2017: "Investigating typical and atypical brain development in the era of network neuroscience"
44. Pediatric Epilepsy Surgery Conference, Orlando, Florida, July 8, 2017: "Typical and atypical development of brain connectivity: The case of hemispherectomy"
45. Organization for Human Brain Mapping Symposium, June 28, 2017: "Considering evoked and intrinsic functional brain network architectures"
46. Duke-NUS Medical School, Singapore, February 28, 2017: "Brain connectivity and cognition: The case of the salience network"
47. Chung-Ang University, Seoul, South Korea, February 24, 2017: "Brain connectivity and cognition in typical and atypical development"
48. University of Maryland, January 6, 2017: "Human brain function and dysfunction in the era of network neuroscience"
49. University of Pittsburgh, December 2, 2016: "Brain connectivity and cognition in typical and atypical development"
50. Control Processes Meeting Data Blitz, San Diego, California, November 10, 2016: "Functional brain dynamics underlying executive functions"
51. International Organization of Psychophysiology, Havana, Cuba, September 4, 2016: "Towards brain-based biomarkers of autism"
52. Organization for Human Brain Mapping Symposium, June 30, 2016: "Functional brain dynamics underlying individual differences in executive function"
53. University of Zurich, Switzerland, June 23, 2016: "Salience network function in typical and atypical development"
54. 13th Annual Conference of the Society for Brain Mapping and Therapeutics, Miami, Florida, April 9, 2016: "Brain networks underlying cognitive flexibility in autism"

55. 9th Annual Conference on Best Practice in Autism Keynote Speaker, Florida Gulf Coast University, April 9, 2016: "Brain connectivity in autism"
56. NeuroNet Conference, University of Tennessee Knoxville, April 7, 2016: "Neuroimaging of Typical and Atypical Development: Examples from Autism and Hemispherectomy"
57. NIMH 2015 BRAINS Awards Ceremony, March 7, 2016: "Cognitive and Neural Flexibility in Autism"
58. University of Miami Department of Computer Science pizza seminar, March 2, 2016: "Human connectomics: applications in clinical and developmental neuroscience
59. CIDD Investigator Forum, University of North Carolina at Chapel Hill, January 12, 2016: "Neuroimaging of typical and atypical brain network development: Insights from autism"
60. 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"
61. International Association for the Study of Attachment, Miami, Florida, November 9, 2015: "Brain networks for social processing in autism"
62. Society for Research in Psychopathology, New Orleans, Louisiana, October 17, 2015: "Dynamic switching mechanisms in insula/anterior cingulate: Implications for salience processing and dysfunction"
63. 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"
64. University of California, Los Angeles, Festschrift for Eran Zaidel, September 10, 2015: "Typical and atypical development of brain connectivity"
65. Technische Universität München, Munich, Germany, August 31, 2015: "Large-scale brain network interactions in typical and atypical development"
66. University of Electronic Science and Technology of China Summer Program, Chengdu, China, July 23, 2015: "Brain connectivity in typical and atypical development"
67. University of Electronic Science and Technology of China, Chen Lab, Chengdu, China, July 20, 2015: "Brain connectivity in clinical neuroscience"
68. Summer Institute in Cognitive Neuroscience, Santa Barbara, California, July 3, 2015: "Computation and network analysis for understanding developmental connectivity"
69. Organization for Human Brain Mapping Symposium, June 16, 2015: "Neuroimaging of typical and atypical development: Insights from autism and hemispherectomy"
70. Miami Project to Cure Paralysis, June 2, 2015: "Mapping functional brain networks in typical and atypical development"
71. 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)
72. University of Miami Annual Neuroscience Program Retreat, May 1, 2015: "Mapping functional human brain networks"
73. Social and Affective Neuroscience Society Blitz Talk, Boston, Massachusetts, April 25, 2015: "Salience processing and insular cortical function and dysfunction"

74. International Convention of Psychological Science, Amsterdam, The Netherlands, March 13, 2015: "Brain network dynamics and psychopathology of the social brain"
75. Caltech Emotion and Social Cognition Laboratory, December 1, 2014: "Neurocognitive network interactions in typical and atypical development"
76. University of Miami Center for Autism & Related Disabilities, Mental Health Professionals Advising, Learning & Sharing, November 13, 2014: "Brain connectivity in autism"
77. University of Miami Biology Seminar, November 10, 2014: "Neuroimaging approaches to mapping functional human brain networks"
78. Fourth Biennial Conference on Resting State/Brain Connectivity, Boston, Massachusetts, September 13, 2014: "Functional organization of brain networks in children with hemispherectomy"
79. 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"
80. Miami Children's Hospital, July 16, 2014: "Functional organization of brain networks in typical and atypical development"
81. Scientific Worship on Neuroplasticity after Hemispherectomy, Anaheim, California, July 9, 2014: "Functional organization of brain networks in children with hemispherectomy"
82. University of Miami Miller School of Medicine, McKnight Research Seminar, May 27, 2014: "Mapping functional brain networks in typical and atypical development"
83. Society of Biological Psychiatry Symposium, May 9, 2014: "Salience-network based classification of autism"
84. University of Southern California, April 23, 2014, The A-Z Lab: "Mapping functional brain networks in typical and atypical development"
85. Stanford Autism Center, 7th Annual Autism Spectrum Disorder Update, April 19, 2014: "Is the brain circuitry in people with autism spectrum disorder connected differently?"
86. Baptist Health South Florida CME, 12th Annual Autism Spectrum Disorder Conference, April 2, 2014: "Brain connectivity in autism spectrum disorders"
87. University of California, San Francisco, Selective Vulnerability Research Lab, November 20, 2013: "Typical and atypical development of the salience network"
88. University of California Los Angeles, Brain Mapping Seminar, November 13, 2013: "Approaches for mapping neurocognitive networks in typical and atypical development"
89. University of British Columbia, Child & Family Research Institute, October 25, 2013: "Brain connectivity in autism spectrum disorders"
90. University of British Columbia, Brain Research Centre, October 25, 2013: "Mapping neurocognitive networks in typical and atypical development"
91. Cold Spring Harbor, "Wiring the Brain", July 21, 2013: "Mapping neurocognitive networks in typical and atypical development"
92. Feinstein Institute for Medical Research, Zucker Hillside Hospital, NorthShore LIJ, July 17, 2013: "Mapping neurocognitive networks in typical and atypical development"

93. Stanford Autism Center, 6th Annual Autism Spectrum Disorder Update, June 1, 2013: "Attention, language, and math abilities in autism: insights from brain imaging"
94. Uppsala University Department of Psychology, Uppsala, Sweden, May 13, 2013: "Mapping neurocognitive networks in typical and atypical development"
95. 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"
96. Pennsylvania State University, Department of Psychology, February 12, 2013: "Mapping neurocognitive networks in typical and atypical development"
97. Virginia Tech, Department of Psychology, February 5, 2013: "Mapping neurocognitive networks in typical and atypical development"
98. University of New Mexico, Department of Psychology, January 30, 2013: "Mapping neurocognitive networks in typical and atypical development"
99. University of Illinois-Chicago, Department of Psychology, January 23, 2013: "Neurocognitive networks for social processing in typical and atypical development"
100. University of Miami, Department of Psychology, January 16, 2013: "Mapping neurocognitive networks in typical and atypical development"
101. Yale University fMRI & Bioimaging Sciences Seminar, December 18, 2012: "Dynamic reconfiguration of connectivity across core neurocognitive networks in typical and atypical development"
102. Northeastern University Interdisciplinary Affective Science Laboratory, December 13, 2012: "Mapping neurocognitive networks in typical and atypical development"
103. University of Utah, Department of Psychology, December 3, 2012: "Mapping neurocognitive networks in typical and atypical development"
104. Stanford University, Department of Psychology Frisem, November 9, 2012: "Mapping functional brain networks in typical and atypical development"
105. Texas Tech University, Department of Psychology, November 6, 2012: "Mapping functional brain networks in typical and atypical development"
106. Society for Neuroscience Minisymposium, New Orleans, LA, October 16, 2012: "Dynamic reconfiguration of connectivity across core neurocognitive networks in typical and atypical development"
107. University Medical Center Hamburg-Eppendorf, Germany, August 31, 2012: "Brain connectivity and cognition in typical and atypical development"
108. Stanford Autism Center, 5th Annual Autism Spectrum Disorder Update, May 12, 2012: "Towards brain-based biomarkers of autism"
109. Society of Biological Psychiatry, May 3, 2012: "Reconfiguration of structural and functional brain networks with development"
110. University of California, Los Angeles, Culture, Brain and Development Seminar, April 26, 2012: "Brain connectivity and cognition in autism spectrum disorders"
111. University of California, Irvine, Department of Cognitive Sciences, February 15, 2012: "Brain connectivity and cognition in typical and atypical development"
112. Ohio State University, Department of Psychology, February 6, 2012: "Brain connectivity and cognition in typical and atypical development"
113. Indiana University, Department of Psychological and Brain Sciences, January 19, 2012: "Brain connectivity and cognition in typical and atypical development"

114. Society for Neuroscience Nanosymposium, Washington D.C., November 15, 2011: "Dynamic interactions between salience, central executive, and default mode networks change with development"
115. Organization for Human Brain Mapping, Quebec City, June 27, 2011: "Multivariate classification of structural MRI in children with autism"
116. Mirror Neurons: from Action to Empathy conference, Torun, Poland, April 14, 2010: "Self and other representation in autism"
117. Stanford Memory Lab, March 19, 2010: "Brain connectivity and cognition: insights from resting-state fMRI, DTI, and comparative neuroanatomy"
118. Stanford Autism Working Group, December 3, 2009: "Structural and functional connectivity of large-scale brain networks in autism spectrum disorders"
119. 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"
120. Self, Intersubjectivity, and Social Neuroscience conference, Torun, Poland, September 26, 2007: "Neural correlates of self-recognition"
121. Caltech Emotion and Social Cognition Laboratory, September 7, 2007: "Social cognition and functional connectivity in neurotypical and clinical populations: New methods and directions"
122. 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, Alzheimer's Research & Therapy, Aging Research Reviews, American Journal of Neuroradiology, **American Journal of Psychiatry**, 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, 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 Communications**, Nature Human Behavior, **Nature Neuroscience**, **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: Current

- Editorial Advisory Board: Oxford Open Neuroscience (2021-current)
- Handling Editor: Neuroimage (2019-current), Aperture Neuro (2021-current)
- Senior Editor: Network Neuroscience (2018-current)
- Associate Editor: Psychological Review (2021-current), Psychoradiology (2020-current)

- Consulting Editor: Social Cognitive and Affective Neuroscience (2018-current)
- Editorial Board Member: Neuroimage (2016-current), Biological Psychiatry: Cognitive Neuroscience and Neuroimaging (2018-current), Biological Psychiatry (2020-current)

Editorial Service: Previous

- Reviewing Editor: eLife (2020-2021)
- Guest Editor: Proceedings of the National Academy of Sciences (2020, 2021)
- 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)
- Editorial Board Member: Clinical Psychological Science (2018-2020)

Grant Reviewer Service

- 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-current, served on 1 panel)
- National Science Center (Narodowe Centrum Nauki), Poland, 2019
- NINDS K01 review panel member, 2018
- 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)
- Welcome Trust reviewer, 2017

Departmental Service, UCLA

- 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-current)

Departmental Service, University of Miami

- 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 Krimsky, Psychology
- Undergraduate Senior Honors Thesis Committee Member (2014): Ash Tilak
- Undergraduate Senior Honors Thesis Committee Member (2014): Emily Brudner

Dissertation Committee & Tenure/Promotion Review at Other Universities

- Tenure case review (2021): Instituto Italiano di Tecnologia
- 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, Full Professor (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

- Graduate students
    - Ebrahim Feghhi (1/2022-currnt, Neuroscience rotation)
    - Priyanka Sigar (9/2021-currnt, Neuroscience)
    - Lauren Kupis (9/2021-current, Neuroscience)

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 Dhother (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)

- <u>Graduate students</u>
  - 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 Research Assistant Professor at University of Miami)
    - 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, current UC Berkeley graduate student)
    - Paola Odriozola (9/2015-7/2016, current Yale University graduate student)
    - Kris Farrant (1/2014-7/2016)

Awards and Honors Granted to Trainees

- 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 and Blog Posts

- 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)

- 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)

- Lucina Uddin Wins the USERN Junior Prize in 2017 in Medical Sciences (http://usern.tums.ac.ir/News/New?title=Lucina%20Uddin%20Wins%20the%20USERN%20Junior%20Prize%20in%202017%20in%20Medical%20Sciences)
- OHBM Young Investigator 2017: Lucina Uddin (https://www.ohbmbrainmappingblog.com/blog/ohbm-young-investigator-2017-lucina-uddin)
- Stay focused, if you can (https://www.sciencedaily.com/releases/2017/10/171031120307.htm)
- Researchers study how individual differences in brain dynamics influence self-control when faced with temptation (https://medicalxpress.com/news/2017-10-individual-differences-brain-dynamics-self-control.html)
- Tracing How the Brain Changes During Aging (https://psychcentral.com/news/2017/06/06/fmri-shows-brain-changes-during-aging/121561.html)
- Brain Development and Aging (http://neurosciencenews.com/neurodevelopment-aging-6830/)
- Brain Development and Aging (http://www.as.miami.edu/news/news-archive/brain-development-and-aging-.html)
- Study Find Some Brain Networks More Agile Than Others (http://everitas.univmiami.net/2016/11/18/study-find-some-brain-networks-more-agile-than-others/)
- Brain pattern flexibility and behavior (https://www.eurekalert.org/pub_releases/2016-11/uom-bpf112816.php)
- Brain Pattern Flexibility and Behavior (http://news.miami.edu/stories/2016/11/brain-pattern-flexibility-and-behavior%20.html)
- Dynamic Connections in the Brain (http://www.sciencenewsline.com/news/2016033018090058.html)
- Dynamic Connections in the Brain (http://www.as.miami.edu/news/news-archive/dynamic-connections-in-the-brain--.html)
- PNAS Core Concept: Resting-state connectivity (http://www.pnas.org/content/112/46/14115.extract)
- Neuroscience building open house honors varied research (http://www.themiamihurricane.com/2015/11/08/neuroscience-building-open-house-honors-varied-research/)
- Research Switches Thinking about Flexible Cognition (http://news.miami.edu/stories/2015/09/new-model-of-cognitive-flexibility-gives-insight-into-autism-spectrum-disorder.html)
- New model of cognitive flexibility gives insight into autism spectrum disorder (http://www.sciencedaily.com/releases/2015/09/150903131555.htm)
- New technologies analyze brain chemistry to develop treatments for autism (http://www.miamiherald.com/living/health-fitness/article31865148.html)
- Brain connection patterns linked with autism change over time (https://bbrfoundation.org/brain-matters-discoveries/brain-connection-patterns-linked-with-autism-change-over-time)

- Autism researchers discover age-specific brain changes (http://everitas.univmiami.net/2015/04/02/autism-researchers-discover-age-specific-brain-changes/)
- Discovering age-specific brain changes in autism (http://www.eurekalert.org/pub_releases/2015-03/uom-dab032315.php)
- Discovering age-specific brain changes in autism (http://www.neuroscientistnews.com/research-news/discovering-age-specific-brain-changes-autism)
- Salience network linked to brain disorders (http://www.sciencedaily.com/releases/2014/12/141205114007.htm)
- Salience networks is linked to brain disorders (http://medicalxpress.com/news/2014-12-salience-network-linked-brain-disorders.html)
- University of Miami researcher reveals association between 'salience processing' and brain disorders (http://www.news-medical.net/news/20141205/University-of-Miami-researcher-reveals-association-between-salience-processing-and-brain-disorders.aspx)
- Perspective on salience processing (http://www.neuroscientistnews.com/research-news/perspective-salience-processing)
- Opinion Article Published in The Prestigious Nature Reviews Neuroscience (http://www.as.miami.edu/news/news-archive/opinion-article-published-in-the-prestigious-nature-reviews-neuroscience.html)
- Inquiring Minds Podcast (https://soundcloud.com/inquiringminds/45-barb-oakley-the-science-of-learning)
- Less Flexibility Seen in Brain Wiring of Kids with Autism: Study (http://health.usnews.com/health-news/articles/2014/07/29/less-flexibility-seen-in-brain-wiring-of-kids-with-autism-study)
- Autistic Brain Less Flexible, Doesn't Toggle Between Resting And Active States, An Important Clue For Therapy (http://www.medicaldaily.com/autistic-brain-less-flexible-doesnt-toggle-between-resting-and-active-states-important-clue-therapy)
- Autistic brain less flexible at taking on tasks, study shows (http://med.stanford.edu/news/all-news/2014/07/autistic-brain-less-flexible-at-taking-on-tasks--study-shows.html)
- Stanford scientists describe autism discoveries (http://www.mercurynews.com/science/ci_25622658/stanford-scientists-describe-autism-discoveries)
- UM Neuroscientist Discusses her Work on Autism with Local Community Supporters (http://www.as.miami.edu/news/news-archive/um-neuroscientist-discusses-her-work-on-autism-with-local-community-supporters-.html)
- Is the autistic brain too wired or not wired enough? (http://www.latimes.com/news/science/sciencenow/la-sci-sn-autism-brain-wired-20130626,0,4347201.story)
- Unique Brain Pattern Could Predict Autism in Youngest Children (http://news.yahoo.com/unique-brain-pattern-could-predict-autism-youngest-children-094517423.html)
- Hyperconnectivity found in brains of children with autism, study says (http://med.stanford.edu/ism/2013/june/hyperconnectivity.html)

- Brain Network Map May Pick Up Autism Early (http://www.medpagetoday.com/Neurology/Autism/40120)
- When Social Skills Are a Warning (http://online.wsj.com/article/SB10001424127887323398204578489542660099544.html)
- Editors' Select, Cell Press Neuroscience Newsletter, January 4, 2012 (http://us1.campaign-archive1.com/?u=6e40e773cd9e86ab47e2d92d6&id=39f347f105#select)
- Distinct features of autistic brain revealed in novel Stanford/Packard analysis of MRI scans (http://med.stanford.edu/ism/2011/september/menon.html)
- Spotting autism's unique shape in the brain (http://thechart.blogs.cnn.com/2011/09/02/spotting-autisms-unique-shape-in-the-brain/)
- 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)
- New hope for early autism diagnosis via brain maps (http://www.sfgate.com/news/article/New-hope-for-early-autism-diagnosis-via-brain-maps-2311642.php)
- Stanford hosts students from Asia in new summer program: July 20, 2011 (http://news.stanford.edu/thedish/?p=13813)
- Brain-Art Competition: June 28, 2011 (http://neurobureau.projects.nitrc.org/BrainArt/Gallery-3D.html#3)
- Personal identity veers to the right hemisphere: Science News Online, Feb. 11, 2006 (http://biopsychiatry.com/misc/personal-identity.html)

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)
- Creation and maintenance of Public Data Database, 2017-current (https://sites.google.com/site/publicdatadatabase/)
- 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)
- 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)

Contributions to Open Science: Preprints and Registered Reports

Bolt T, Nomi JS, Bzdok D, Chang C, Yeo BTT, **Uddin LQ**, Keilholz S (2021). *Large-scale intrinsic functional brain organization emerges from three canonical spatiotemporal patterns.* https://www.biorxiv.org/content/10.1101/2021.06.20.448984v1

Gau et al. and The Brainhack Community (2021). *Brainhack: developing a culture of*

open, inclusive, community-driven neuroscience. https://psyarxiv.com/rytjq/

Bertolero MA, Dworkin JD, David S, Lopez-Lloreda C, Srivastava P, Stiso J, Zhou D, Dzirasa K, Fair DA, Kaczkurkin, Marlin BJ, Shohamy D, **Uddin LQ**, Zurn P, Bassett DS (2020). *Racial and ethnic imbalance in neuroscience reference lists and intersections with gender.* https://www.biorxiv.org/content/10.1101/2020.10.12.336230v1

Bolt T, Nomi JS, Bzdok D, **Uddin LQ** (2020). *Historical and cross-disciplinary trends in biological and social sciences reveal an accelerating adoption of advanced statistics.* https://www.biorxiv.org/content/10.1101/2020.12.02.408989v1

Das M, Singh V, **Uddin LQ**, Banerjee A, Roy D (2020). *Reconfiguration of directed functional connectivity among triple networks with aging: Considering the role of thalamo-cortical interactions.* https://www.biorxiv.org/content/10.1101/827451v2

Kiesow H, **Uddin LQ**, Bernhardt BC, Kable J, Bzdok D (2020). *Dissecting the midlife crisis: Disentangling social, personality and demographic determinants of social brain anatomy.* https://www.biorxiv.org/content/10.1101/2020.12.20.423702v1

Pinto AM, Geenen R, Palavra F, Lumley MA, Ablin JN, Amris K, Branco J, Buskila D, Castelo-Branco M, Crofford LJ, Fitzcharles M, Luis M, Marques TR, Rhudy JL, **Uddin LQ**, Castilho P, Jacobs JWG, da Silva JAP (2020). *An updated overview of the neurophysiological and psychosocial dimensions of fibromyalgia – A call for an integrative model.* https://www.preprints.org/manuscript/202007.0224/v1

Tzovara A, Amerreh I, Borghesani V, Chakravarty MM, DuPre E, Grefkes C, Haugg A, Jollans L, Lee HW, Newman SD, Olsen RK, Ratnanather JT, Rippon G, **Uddin LQ**, Vega MLB, Veldsman M, White T, Badhwar A (2020). *Embracing diversity and inclusivity in an academic setting: Insights from the Organization for Human Brain Mapping*. https://psyarxiv.com/5ryw9/

Bielczyk NZ, Ando A, Badhwar A, Caldinelli C, Gao M, Haugg A, Hernandez LM, Ito K, Kessler D, Lurie D, Makary MM, Nikolaidis A, Veldsman M, Allen C, Bankston A, Boffino C, Bottenhorn KL, Braukmann R, Cheplygina V, Ercan E, Finc K, Foo H, Khatibi A, La K, Mehler DMA, Narayanan S, Poldrack RA, Raamana PR, Salo T, Godard-Sebillotte C, **Uddin LQ**, Valeriani D, Valk SL, Walton CC, Ward PGD, Yanes JA, Zhou X, OHBM Student and Postdoc Special Interest Group (2019). *Effective self-management for early career researchers in the natural and life sciences.* https://osf.io/un2ec/

Bolt T, Nomi JS, Arens R, Vij SG, Riedel M, Salo T, Laird AR, Eickhoff SB, **Uddin LQ** (2019). *Ontological dimensions of cognitive-neural mappings.* https://www.biorxiv.org/content/early/2019/01/18/524520

Colenbier N, Van de Steen F, **Uddin LQ**, Poldrack RA, Calhoun VD, Marinazzo D

(2019). *Disambiguating the role of blood flow and global signal with Partial Information Decomposition.* https://www.biorxiv.org/content/10.1101/596247v1

Elliott MV, **Uddin LQ**, Timpano KR, Johnson SL (2019). *Neural correlates of emotion-related impulsivity: A network approach.* https://osf.io/bqa3j/

Xu L, Bolt T, Nomi J, Li J, Zheng X, Fu M, Kendrick KM, Becker B, **Uddin LQ** (2019). *Inter-subject phase synchronization differentiates neural networks underlying physical pain empathy.* https://www.biorxiv.org/content/10.1101/841197v1

Dajani DR, Burrows CA, Nebel MB, Mostofsky SH, Gates KM, **Uddin LQ** (2018). *Parsing heterogeneity in autism spectrum disorder and attention-deficit/hyperactivity disorder with individual connectome mapping.* https://www.biorxiv.org/content/early/2018/12/08/490672

Dajani DR, Burrows CA, Odriozola P, Baez A, Nebel MB, Mostofsky SH, **Uddin LQ** (2018). *Investigating functional brain network integrity using a traditional and novel diagnostic system for neurodevelopmental disorders.* https://www.biorxiv.org/content/early/2018/08/22/396317

Uddin LQ, Dajani DR, Voorhies W, Dirks B, Winters M, Parlade M, Alessandri M, Dick AS (2018). *Flexible item selection and the neural basis of cognitive inflexibility in autism*. Developmental Science, Stage 1 Registered Report In-principle Accepted. https://osf.io/6qegy/

Bolt T, Nomi JS, Vij SG, Chang C, **Uddin LQ** (2017). *Inter-subject phase synchronization and the dynamics of human cognition.* http://www.biorxiv.org/content/early/2017/07/21/167072

Bolt T, Nomi JS, Yeo T, **Uddin LQ** (2017). *Data-driven extraction of a nested structure of human cognition.* http://biorxiv.org/content/early/2017/02/02/105403

Steimke R, Nomi JS, Calhoun VD, Stelzel C, Paschke LM, Gaschler R, Walter H, **Uddin LQ** (2017). *Salience network dynamics underlying successful resistance of temptation.* http://biorxiv.org/content/early/2017/04/23/129676

Vij SG, Nomi JS, Dajani DR, **Uddin LQ** (2017). *Age-related changes in spatial and temporal features of resting state fMRI.* http://biorxiv.org/content/early/2017/02/17/109181

Ciric R, Nomi JS, **Uddin LQ**, Satpute A (2016). *Contextual connectivity: A framework for understanding the intrinsic dynamic architecture of large-scale functional brain networks.* http://biorxiv.org/content/early/2016/08/07/068320

Publications (*Denotes equal contribution)

1. Baracchini G, Mišić B, Setton R, Mwilambwe-Tshilobo L, Girn M, Nomi JS, **Uddin**

LQ, Turner GR, Spreng RN (2021). *Inter-regional BOLD signal variability is an organizational feature of functional brain networks.* Neuroimage, 237: 118149.

2. Bolt T, Nomi JS, Bzdok D, **Uddin LQ** (2021). *Educating the future generation of researchers: A cross-disciplinary survey of trends in analysis methods.* PLoS Biology, 19(7): e3001313.

3. Das M, Singh V, **Uddin LQ**, Banerjee A, Roy D (2021). *Reconfiguration of directed functional connectivity among neurocognitive networks with aging: Considering the role of thalamo-cortical interactions.* Cerebral Cortex, 31(4): 1970-1986.

4. Goodman ZT, Bainter SA, Kornfeld S, Chang C, Nomi JS, **Uddin LQ** (2021). *Whole-brain functional dynamics track depressive symptom severity.* Cerebral Cortex, 31(11): 4867-4876.

5. Hanaei S, Takian A, Majdzadeh R, Maboloc CR, Grossmann I, Gomes O, Milosevic M, Gupta M, Shamshirsaz AA, Harbi A, Burhan AM, **Uddin LQ**, Kulasinghe A, Lam C, Ramakrishna S, Alavi A, Nouwen JL, Dorigo T, Schreiber M, Abraham A, Shelkovaya N, Krysztofiak W, Warkiani ME, Sellke F, Ogino S, Barba FJ, Brand, Vasconcelos C, Salunke DB, Rezaei N (2021). *Emerging standards and the hybrid model for organizing scientific events during and after the COVID-19 pandemic.* Disaster Medicine and Public Health Preparedness, In Press.

6. Kiesow H, **Uddin LQ**, Bernhardt BC, Kable J, Bzdok D (2021). *Dissecting the midlife crisis: Disentangling social, personality, and demographic determinants in social brain anatomy.* Communications Biology, 4(1): 728.

7. Kolahchi Z, De Domenico M, **Uddin LQ**, Cauda V, Grossmann I, Lacasa L, Grancini G, Mahmoudi M, Rezaei N (2021). *COVID-19 and its global economic impact.* Advances in Experimental Medicine and Biology, 1318: 825-837.

8. 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.* Autism Research, 14(5): 873-886.

9. Kupis L, Goodman ZT, Kornfeld S, Hoang S, Romero C, Dirks B, Dehoney J, Chang C, Spreng RN, Nomi JS, **Uddin LQ** (2021). *Brain dynamics underlying cognitive flexibility across the lifespan.* Cerebral Cortex, In Press.

10. Kupis L, Goodtman ZT, Kornfeld S, Romero C, Dirks B, Kircher L, Chang C, Llabre MM, Nomi JS, **Uddin LQ** (2021). *Body mass index moderates brain dynamics and executive function: A structural equation modeling approach.* Aperture Neuro, In Press.

11. Kupis L, Romero C, Dirks B, Hoang S, Parlade MV, Beaumont AL, Cardona SM,

Alessandri M, Chang C, Nomi JS, **Uddin LQ** (2021). *Evoked and intrinsic brain network dynamics in children with autism spectrum disorder.* Neuroimage: Clinical, In Press.

12. Liloia D, Mancuso L, **Uddin LQ**, Costa T, Nani A, Keller R, Manuello J, Duca S, Cauda F (2021). *Gray matter abnormalities follow non-random patterns of co-alteration in autism: Meta-connectomic evidence.* Neuroimage: Clinical, 30: 102538.

13. Lobo J, Goodman ZT, Schmaus J, **Uddin LQ**, McIntosh RC (2021). *Association of cardiometabolic health factors with age-related executive function and episodic memory.* Aging, Neuropsychology, and Cognition, 2: 1-15.

14. McIntosh RC, Hoshi R, Nomi J, Di Bello M, Goodman Z, Kornfeld S, **Uddin LQ**, Ottaviani C (2021). *Neurovisceral integration in the executive control network: A resting state analysis.* Biological Psychology, 157: 107986.

15. Molnar-Szakacs I, Kupis L, **Uddin LQ** (2021). *Neuroimaging markers of risk and* pathways *to resilience in autism spectrum disorders.* Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 6(2): 200-210.

16. Momtazmanesh S, Samieefar N, **Uddin LQ**, Ulrichs T, Kelishadi R, Roudenok V, Karakoc-Aydiner E, Salunke DB, Nouwen JL, Becerra JCA, Vieira DN, Goudouris E, Jamee M, Khafaie MA, Shamsizadeh M, Golabchi MR, Samimiat A, Doostkamel D, Afshar A, Tabari MAK, Lotfi M, Boroujeni RY, Rambod N, Stashchak A, Volokha A, Pavalkis D, Pereira A, Latiff AHA, Baylarov R, Amirheidari B, Ch MH, Condino-Neto A, Rezaei N (2021). *Socialization during the COVID-19 pandemic: The role of social and scientific networks during social distancing.* Advances in Experimental Medicine and Biology, 1318: 911-921.

17. Romero C, **Uddin LQ** (2021). *Bilingualism, executive function, and the brain: Implications for autism.* Neurobiology of Language, In Press.

18. Roy D, **Uddin LQ** (2021). *Atypical core-periphery brain dynamics in autism.* Network Neuroscience, 5(2): 295-321.

19. Schurz M, **Uddin LQ**, Kanske P, Lamm C, Sallet J, Bernhardt B, Mars RB, Bzdok D (2021) *Variability in brain structure and function reflects lack of peer support.* Cerebral Cortex, In Press.

20. Snyder W, **Uddin LQ**, Nomi JS (2021). *Dynamic functional connectivity profile of the salience network across the lifespan.* Human Brain Mapping, In Press.

21. Tzovara A, Amerreh I, Borghesani V, Chakravarty MM, DuPre E, Grefkes C, Haugg A, Jollans L, Lee HW, Newman SD, Olsen RK, Ratnanather JT, Rippon G, **Uddin LQ**, Vega MLB, Veldsman M, White T, Badhwar A (2021). *Embracing*

diversity and inclusivity in an academic setting: Insights from the Organization for Human Brain Mapping. Neuroimage, 229: 117742.

22. **Uddin LQ** (2021). *Brain mechanisms supporting flexible cognition and behavior in adolescents with autism spectrum disorder.* Biological Psychiatry, 89(2): 172-183.

23. **Uddin LQ** (2021). *Cognitive and behavioural flexibility: Neural mechanisms and clinical considerations.* Nature Reviews Neuroscience, 22(3): 167-179.

24. Xiao J, Chen H, Shan X, He C, Li Y, Guo X, Chen H, Liao W, **Uddin LQ**, Duan X (2021). *Linked social-communication dimensions and connectivity in functional brain networks in autism spectrum disorder.* Cerebral Cortex, 31(8): 3899-3910.

25. Zhang J, Kucyi A, Raya J, Nielsen A, Nomi JS, Damoiseaux JS, Greene D, Horovitz SG, **Uddin LQ**, Whitfield-Gabrieli S (2021). *What have we really learned from functional connectivity in clinical populations?* Neuroimage, In Press.

26. Baez AC, Dajani DR, Voorhies W, Parlade MV, Alessandri M, Britton JC, Llabre MM, **Uddin LQ** (2020). *Parsing heterogeneity of executive function in typically and atypically developing children: A conceptual replication and exploration of social function.* Journal of Autism and Developmental Disorders, 50(3): 707-718.

27. Bolt T, Nomi JS, Arens R, Vij SG, Riedel M, Salo T, Laird AR, Eickhoff SB, **Uddin LQ** (2020). *Ontological dimensions of cognitive-neural mappings.* Neuroinformatics, 18(3): 451-463.

28. Colenbier N, Van de Steen F, **Uddin LQ**, Poldrack RA, Calhoun VD, Marinazzo D (2020). *Disambiguating the role of blood flow and global signal with partial information decomposition.* Neuroimage, 213: 116699.

29. Dajani DR, Odriozola P, Winters M, Voorhies W, Marcano S, Baez A, Gates KM, Dick AS, **Uddin LQ** (2020). *Measuring cognitive flexibility with the Flexible Item Selection Task: From fMRI adaptation to individual connectome mapping.* Journal of Cognitive Neuroscience, 32(6): 1026-1045.

30. Dirks B, Romero C, Voorhies W, Kupis L, Nomi JS, Dajani DR, Odriozola P, Burrows CA, Beaumont AL, Cardona SM, Parlade MV, Alessandri M, Britton JC, **Uddin LQ** (2020). *Neural responses to a putative set-shifting task in children with autism spectrum disorder.* Autism Research, 13(9): 1501-1515.

31. He C, Chen H, **Uddin LQ**, Erramuzpe A, Bonifazi P, Guo X, Xiao J, Chen H, Huang X, Li L, Sheng W, Liao W, Cortes JM, Duan X (2020). *Structure-function connectomics reveals aberrant developmental trajectory occurring at pre-adolescence in the autistic brain*. Cerebral Cortex, 30(9): 5028-5037.

32. Jarvela M, Raatikainen V, Kotila A, Kananen J, Korhonen V, **Uddin LQ**, Ansakorpi H, Kiviniemi V (2020). *Lag analysis of fast fMRI reveals delayed information flow between the default mode and other networks in narcolepsy.* Cerebral Cortex Communications, 1(1): 1-13.

33. Marshall E, Nomi JS, Dirks B, Romero C, Kupis L, Chang C, **Uddin LQ** (2020). *Co-activation pattern analysis reveals altered salience network dynamics in children with autism spectrum disorder.* Network Neuroscience, 4(4): 1219-1234.

34. Moradian N, Ochs HD, Sedikies C, Hamblin MR, Camargo CA, Martinez JA, Biamonte JD, Abdollahi M, Torres PJ, Nieto JJ, Ogino S, Seymour JF, Abraham A, Cauda V, Gupta S, Ramakrishna S, Sellke FW, Sorooshian A, Hayes AW, Martinez-Urbistondo M, Gupta M, Azadbakht L, Esmaillzadeh A, Kelishadi R, Esteghamati A, Emam-Djomeh Z, Majdzadeh R, Palit P, Badali H, Rao I, Saboury AA, Rao LJM, Ahmadieh H, Montazeri A, Fadini GP, Pauly D, Thomas S, Moosavi-Movahed AA, Aghamohammadi A, Behmanesh M, Rahimi-Movaghar V, Ghavami S, Mehran R, **Uddin LQ**, Von Herrath M, Mobasher B, Rezaei N (2020). *The urgent need of integrated science to fight COVID-19 pandemic and beyond.* Journal of Translational Medicine, 18(1): 205.

35. Raatikainen V, Korhonen V, Borchardt V, Huotari N, Helakari H, Kananen J, Raitamaa L, Joskitt L, Loukusa S, Hurtig T, Ebeling H, **Uddin LQ**, Kiviniemi V (2020). *Dynamic lag analysis reveals atypical brain information flow in autism spectrum disorder.* Autism Research, 13(2): 244-258.

36. **Uddin LQ** (2020). *Bring the noise: Reconceptualizing spontaneous neural activity.* Trends in Cognitive Sciences, 24(9): 734-746.

37. Xu L, Bolt T, Nomi JS, Li J, Zheng X, Fu M, Kendrick KM, Becker B, **Uddin LQ** (2020). *Inter-subject phase synchronization differentiates neural networks underlying physical pain empathy.* Social Cognitive and Affective Neuroscience, 15(2): 225-233.

38. Bolt T, Nomi JS, Bainter S, Cole MW, **Uddin LQ** (2019). *The situation or the person? Individual and task-condition differences in task-evoked brain activity.* Human Brain Mapping, 40(10): 2943-2954.

39. Chen H, **Uddin LQ**, Guo X, Wang J, Wang R, Wang X, Duan X, Chen H (2019). *Parsing brain structural heterogeneity in males with autism spectrum disorder reveals distinct clinical subtypes.* Human Brain Mapping, 40(2): 628-637.

40. Dajani DR, Burrows CA, Nebel MB, Mostofsky SH, Gates KM, **Uddin LQ** (2019). *Parsing heterogeneity in autism and attention-deficit/hyperactivity disorder with individual connectome mapping.* Brain Connectivity, 9(9): 673-691.

41. Dajani DR, Burrows CA, Odriozola P, Baez A, Nebel MB, Mostofsky SH, **Uddin**

LQ (2019). *Investigating functional brain network integrity using a traditional and novel categorical scheme for neurodevelopmental disorders.* Neuroimage: Clinical, 21: 101678.

42. Denkova E, Nomi JS, **Uddin LQ**, Jha AP (2019). *Dynamic brain network configurations during rest and an attention task with frequent occurrence of mind wandering.* Human Brain Mapping: 40(15): 4564-4576.

43. Li J, Bolt T, Bzdok D, Nomi JS, Yeo BTT, Spreng RN, **Uddin LQ** (2019). *Topography and behavioral relevance of the global signal in the human brain.* Scientific Reports, 9(1): 14286.

44. Mancuso L, **Uddin LQ**, Nani A, Costa T, Cauda F (2019). *Brain functional connectivity in individuals with callosotomy and agenesis of the corpus callosum: A systematic review.* Neuroscience & Biobehavioral Reviews, 105: 231-248.

45. Nomi JS, Marshall E, Zaidel E, Biswal B, Castellanos FX, Dick AS, **Uddin LQ,** Mooshagian E (2019). *Diffusion weighted imaging evidence of extra-callosal pathways for interhemispheric communication after complete commissurotomy.* Brain Structure and Function, 224(5): 1897-1909.

46. Nomi JS, Molnar-Szakacs I, **Uddin LQ** (2019). *Insular function in autism: Update and future directions in neuroimaging and interventions.* Progress in Neuropsychopharmacology and Biological Psychiatry, 89: 412-426.

47. Odriozola P, Dajani DR, Burrows CA, Gabard-Durnan LJ, Goodman E, Baez AC, Tottenham N, **Uddin LQ**, Gee DG (2019). *Atypical frontoamygdala functional connectivity in youth with autism.* Developmental Cognitive Neuroscience, 37: 100603.

48. Qian X, Castellanos FX, **Uddin LQ**, Loo BRY, Liu S, Koh HL, Poh XWW, Fung D, Guan C, Lee T, Lim CG, Zhou J (2019). *Large-scale brain functional network topology disruptions underlie symptom heterogeneity in children with attention-deficit/hyperactivity disorder.* Neuroimage: Clinical, 21: 101600.

49. Reid A, Headley D, Mill R, Sanchez-Romero R, **Uddin LQ**, Marinazzo D, Lurie DJ, Valdes-Sosa PA, Hanson SJ, Biswal BB, Calhoun V, Poldrack RA, Cole MW (2019). *Advancing functional connectivity research from association to causation.* Nature Neuroscience, 22(11): 1751-1760.

50. Saggar M, **Uddin LQ** (2019). *Pushing the boundaries of psychiatric neuroimaging to ground diagnosis in biology.* eNeuro, 6(6).

51. Skagerlund K, Bolt T, Nomi JS, Skagenholt M, Västfjäll D, Träff U, **Uddin LQ** (2019). *Disentangling mathematics from executive functions by investigating unique and overlapping functional connectivity patterns.* Journal of Cognitive

Neuroscience, 31(4): 560-573.

52. **Uddin LQ**, Yeo BTT, Spreng RN (2019). *Towards a universal taxonomy of macro-scale functional human brain networks.* Brain Topography, 32: 926-942.

53. Bolt T, Anderson ML, **Uddin LQ** (2018). *Beyond the evoked/intrinsic neural process dichotomy.* Network Neuroscience, 2(1): 1-22.

54. Bolt T, Nomi JS, Vij SG, Chang C, **Uddin LQ** (2018). *Inter-subject phase synchronization for exploratory analysis of task-fMRI.* Neuroimage, 176: 477-488.

55. Bolt T, Prince E, Nomi JS, Messinger D, Llabre MM, **Uddin LQ** (2018). *Combining region- and network-level brain-behavior relationships in a structural equation model.* Neuroimage, 165: 158-169.

56. Chen H, Wang J, **Uddin LQ**, Wang X, Guo X, Duan X, Wu L, Chen H (2018). *Aberrant functional connectivity of neural circuits associated with social and sensorimotor deficits in young children with autism spectrum disorder.* Autism Research, 11(12): 1643-1652.

57. Nomi JS, Schettini E, Broce I, Dick AS, **Uddin LQ** (2018). *Structural connections of functionally-defined human insular subdivisions*. Cerebral Cortex, 28(10): 3445-3456.

58. Nomi JS, Schettini E, Voorhies W, Bolt T, Heller AS, **Uddin LQ** (2018). *Resting-state brain signal variability in prefrontal cortex is associated with ADHD symptom severity in children.* Frontiers in Human Neuroscience, 12: 90.

59. **Uddin LQ**, Karlsgodt KH (2018). *Future directions for examination of brain networks in neurodevelopmental disorders.* Journal of Clinical Child and Adolescent Psychology, 47(3): 483-497.

60. Vij SG, Nomi JS, Dajani DR, **Uddin LQ** (2018). *Evolution of spatial and temporal features of functional brain networks across the lifespan.* Neuroimage, 173: 498-508.

61. Voorhies W, Dajani DR, Vij SG, Shankar S, Turan O, **Uddin LQ** (2018). *Aberrant functional connectivity of inhibitory control networks in children with autism spectrum disorder.* Autism Research, 11(11): 1468-1478.

62. Bolt T, Nomi JS, Rubinov M, **Uddin LQ** (2017). *Correspondence between evoked and intrinsic functional brain network configurations*. Human Brain Mapping, 38(4): 1992-2007.

63. Bolt T, Nomi JS, Yeo BTT, **Uddin LQ** (2017). *Data-driven extraction of a nested*

structure of human cognition. Journal of Neuroscience, 37(30): 7263-7277.

64. Burrows CA, Timpano KR, **Uddin LQ** (2017). *Putative brain networks underlying repetitive negative thinking and comorbid internalizing problems in autism*. Clinical Psychological Science, 5(3): 522-536.

65. Chen H, Nomi JS, **Uddin LQ** Duan X, Chen H (2017). *Intrinsic functional connectivity variance and state-specific under-connectivity in autism.* Human Brain Mapping, 38(11): 5740-5755.

66. Chen H, **Uddin LQ**, Zheng J, Long Z, Zhang Y, Guo X, Duan X, Zhang Y, Zhao J, Chen H (2017). *Shared atypical default mode and salience network functional connectivity between autism and schizophrenia.* Autism Research, 10(11): 1776-1786.

67. Ciric R, Nomi JS, **Uddin LQ**, Satpute AB (2017). *Contextual connectivity: A framework for understanding the intrinsic dynamic architecture of large-scale functional brain networks.* Scientific Reports, 7(1): 6537.

68. Duan X, Chen H, He C, Long Z, Guo X, **Uddin LQ**, Chen H (2017). *Resting-state functional under-connectivity within and between large-scale cortical networks across three low-frequency bands in adolescents with autism.* Progress in Neuro-Psychopharmacology & Biological Psychiatry, 79(Pt B): 434-441.

69. Ivanova I, Zaidel E, Salamon N, Bookheimer S, **Uddin LQ**, de Bode S (2017). *Intrinsic functional organization of putative language networks in the brain following left cerebral hemispherectomy.* Brain Structure and Function, 222(8): 3795-3805.

70. Nomi JS, Bolt TS, Ezie C, **Uddin LQ**, Heller AS (2017). *Moment-to-moment BOLD signal variability reflects regional changes in neural flexibility across the lifespan.* Journal of Neuroscience, 37(22): 5539-5548.

71. Nomi JS, Gopal S, Dajani DR, Steimke R, Damaraju E, Rachakonda S, Calhoun VD, **Uddin LQ** (2017). *Chronnectomic patterns and neural flexibility underlie executive function.* Neuroimage, 147: 861-871.

72. Schreiner M, Forsyth JK, Karlsgodt KH, Anderson AE, Hirsh N, Kushan L, **Uddin LQ**, Mattiacio L, Coman I, Kates WR, Bearden CE (2017). *Intrinsic connectivity network-based classification and detection of psychotic symptoms in youth with 22q11.2 deletions.* Cerebral Cortex, 27(6): 3294-3306.

73. Steimke RS, Nomi JS, Calhoun VD, Stelzel C, Paschke LM, Gaschler R, Goschke T, Walter H, **Uddin LQ** (2017). *Salience network dynamics underlying successful resistance of temptation.* Social Cognitive and Affective Neuroscience, 12(12): 1928-1939.

74. **Uddin LQ**, Dajani DR, Voorhies W, Bednarz H, Kana RK (2017). *Progress and roadblocks in the search for brain-based biomarkers of autism and attention-deficit/hyperactivity disorder.* Translational Psychiatry, 7(8): e1218.

75. **Uddin LQ**, Nomi JS, Hebert-Seropian B, Ghaziri J, Boucher O (2017). *Structure and function of the human insula.* Journal of Clinical Neurophysiology, 34(4): 300-306.

76. Burrows CA, Laird AR, **Uddin LQ** (2016). *Functional connectivity of brain regions for self-and other evaluation in children, adolescents, and adults with autism*. Developmental Science, 19(4): 564-580.

77. Chen H, Duan X, Liu F, Lu F, Ma X, Zhang Y, **Uddin LQ**, Chen H (2016). *Multivariate classification of autism spectrum disorder using frequency-specific resting-state functional connectivity: A multi-center study.* Progress in Neuro-Psychopharmacology & Biological Psychiatry, 64: 1-9.

78. Chen H, **Uddin LQ**, Zhang Y, Duan X, Chen H (2016). *Atypical effective connectivity of thalamo-cortical circuits in autism spectrum disorder.* Autism Research, 9(11): 1183-1190.

79. Craddock RC, Margulies DS, Bellec P, Nichols BN, Alcauter S, Barrios FA, Burnod Y, Cannistraci CJ, Cohen-Adad J, De Leener B, Dery S, Downar J, Dunlop K, Franco AR, Froehlich CS, Gerber AJ, Ghosh SS, Grabowski TJ, Hill S, Heinsfeld AS, Hutchison RM, Kundu P, Laird AR, Liew S, Lurie DJ, McLaren DG, Meneguzzi F, Mennes M, Mesmoudi S, O'Connor D, Pasaye EH, Peltier S, Poline JB, Prasad G, Pereira RF, Quirion PO, Rokem A, Saad ZS, Shi Y, Strother SC, Toro R, **Uddin LQ**, Van Horn JD, Van Meter JW, Welsh RC, Xu T (2016). *Brainhack: A collaborative workshop for the open neuroscience community.* GigaScience, 5:16.

80. Dajani DR, Llabre M, Nebel MB, Mostofsky SH, **Uddin LQ** (2016). *Heterogeneity of executive functions among comorbid neurodevelopmental disorders.* Scientific Reports, 6:36566.

81. Dajani DR, **Uddin LQ** (2016). *Local brain connectivity across development in autism spectrum disorder: A cross-sectional investigation.* Autism Research, 9(1): 43-54.

82. Escovar E, Rosenberg-Lee M, **Uddin LQ**, Menon V (2016). *The empathizing-systemizing theory, social abilities and mathematical achievement in children.* Scientific Reports, 6:23011.

83. Farrant K, **Uddin LQ** (2016). *Atypical development of dorsal and ventral attention networks in autism.* Developmental Science, 19(4): 550-563.

84. Nomi JS, Farrant K, Damaraju E, Rachakonda S, Calhoun VD, **Uddin LQ** (2016).

Dynamic functional network connectivity reveals unique and overlapping profiles of insula subdivisions. Human Brain Mapping, 37(5):1770-1787.

85. Odriozola P*, **Uddin LQ***, Lynch CJ, Kochalka J, Chen T, Menon V (2016). *Insula response and connectivity during social and non-social attention in children with autism*. Social Cognitive and Affective Neuroscience, 11(3): 433-444.

86. Dajani DR, **Uddin LQ** (2015). *Demystifying cognitive flexibility: Implications for clinical and developmental neuroscience.* Trends in Neurosciences, 38(9): 571-578.

87. Farrant K, **Uddin LQ** (2015). *Asymmetric development of dorsal and ventral attention networks in the human brain*. Developmental Cognitive Neuroscience, 12: 165-174.

88. McIntosh RC, Rosselli M, **Uddin LQ**, Antoni M (2015). *Neuropathological sequelae of human immunodeficiency virus and apathy: A review of neuropsychological and neuroimaging studies*. Neuroscience & Biobehavioral Reviews, 55: 147-164.

89. Nomi JS, **Uddin LQ** (2015). *Developmental changes in large-scale network connectivity in autism.* Neuroimage: Clinical, 7: 732-741.

90. Nomi JS, **Uddin LQ** (2015). *Face processing in autism spectrum disorders: From brain regions to brain networks.* Neuropsychologia, 71: 201-216.

91. **Uddin LQ** (2015). *Salience processing and insular cortical function and dysfunction*. Nature Reviews Neuroscience, 16(1): 55-61.

92. **Uddin LQ***, Supekar K*, Lynch CJ, Cheng KM, Odriozola P, Barth ME, Phillips J, Feinstein C, Abrams DA, Menon V (2015). *Brain state differentiation and behavioral inflexibility in autism*. Cerebral Cortex, 25(12): 4740-4747.

93. Di Martino A, Li Q, Yan C, Denio E, Castellanos FX, Alaerts D, Anderson JS, Assaf M, Bookheimer SY, Dapretto M, Deen B, Delmonte S, Dinstein I, Ertl-Wagner B, Fair DA, Gallagher L, Kennedy DP, Keown CL, Keysers C, Lainhart JE, Lord C, Luna B, Menon V, Minshew N, Monk CS, Mueller S, Müller R, Nebel M, Nigg JT, O'Hearn K, Pelphrey KA, Peltier SJ, Rudie JD, Sunaert S, Thioux M, Tyszka JM, **Uddin LQ**, Verhoeven JS, Wenderoth N, Wiggins JL, Mostofsky SH, Milham MP (2014). *The Autism Brain Imaging Data Exchange: Towards large-scale evaluation of the intrinsic brain architecture in autism*. Molecular Psychiatry, 19(6): 659-667.

94. Iuculano T, Rosenberg-Lee M, Supekar K, Lynch CJ, Khouzam A, Phillips J, **Uddin LQ**, Menon V (2014). *Brain organization underlying superior math abilities in children with autism*. Biological Psychiatry, 75(3): 223-30.

95. Schreiner MJ, Karlsgodt KH, **Uddin LQ**, Chow C, Congdon E, Jalbrzikowski M, Bearden CE (2014). *Default mode network connectivity and reciprocal social behavior in 22q11.2 deletion syndrome.* Social Cognitive and Affective Neuroscience, 9(9): 1261-1267.

96. **Uddin LQ***, Kinnison J*, Pessoa L, Anderson ML (2014). *Beyond the tripartite cognition-emotion-interoception model of the human insular cortex*. Journal of Cognitive Neuroscience, 26(1): 16-27.

97. Abrams DA, Lynch CJ, Cheng K, Phillips J, Supekar K, Ryali S, **Uddin LQ**, Menon V (2013). *Under-connectivity between voice-selective cortex and reward circuitry in children with autism.* Proc Natl Acad Sc, 110(29): 12060-12065.

98. Lynch CJ*, **Uddin LQ***, Supekar K, Khouzam A, Phillips J, Menon V (2013). *Default mode network in childhood autism: Heterogeneity and relation to social deficits.* Biological Psychiatry, 74(3): 212-219.

99. Molnar-Szakacs I, **Uddin LQ** (2013). *Self-processing and the default mode network: Interactions with the mirror neuron system.* Frontiers in Human Neuroscience, 7: 571.

100. Supekar K, **Uddin LQ**, Khouzam A, Phillips J, Gaillard WD, Kenworthy L, Yerys BE, Vaidya CJ, Menon V (2013). *Brain hyperconnectivity in children with autism and its links to social deficits*. Cell Reports, 5(3): 738-747.

101. **Uddin LQ**, Supekar K, Lynch CJ, Khouzam A, Phillips J, Feinstein C, Ryali S, Menon V (2013). *Salience network based classification and prediction of symptom severity in children with autism.* JAMA Psychiatry, 70(8): 869-879.

102. **Uddin LQ**, Supekar K, Menon V (2013). *Reconceptualizing functional brain connectivity in autism from a developmental perspective.* Frontiers in Human Neuroscience, 7: 458.

103. Yamada M, **Uddin LQ**, Kimura Y, Takahata K, Kousa R, Takano H, Ikoma Y, Takahashi H, Eguchi Y, Ito H, Higuchi M, Suhara T (2013). *Superiority illusion arises from the intrinsic fronto-striatal functional circuits modulated by dopamine*. Proc Natl Acad Sc, 110(11): 4363-4367.

104. Cox CL*, **Uddin LQ***, Di Martino A, Castellanos FX, Milham MP, Kelly C (2012). *The balance between feeling and knowing: Affective and cognitive empathy are reflected in the brain's intrinsic functional dynamics*. Social Cognitive and Affective Neuroscience, 7(6): 727-737.

105. Qin S, Young CB, Supekar K, **Uddin LQ**, Menon V (2012). *Immature integration and segregation of emotion-related brain circuitry in young children*. Proc Natl Acad Sc, 109(20): 7941-7946.

106. Gee D, Biswal BB, Kelly AMC, Stark D, Margulies D, Shehzad Z, **Uddin LQ**, Klein D, Banich MT, Castellanos FX, Milham MP (2011). *Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres*. Neuroimage, 54(1): 517-527.

107. **Uddin LQ** (2011). *Brain connectivity and the self: The case of cerebral disconnection.* Consciousness and Cognition, 20(1): 94-98.

108. **Uddin LQ** (2011). *The self in autism: An emerging view from neuroimaging*. Neurocase, 17(3): 201-208.

109. **Uddin LQ**, Menon V, Young CB, Ryali S, Chen T, Khouzam A, Minshew NJ, Hardan AY (2011). *Multivariate searchlight classification of structural magnetic resonance imaging in children and adolescents with autism.* Biological Psychiatry, 70(9): 833-841.

110. **Uddin LQ***, Supekar K*, Ryali S, Menon V (2011). *Dynamic reconfiguration of structural and functional connectivity across core neurocognitive brain networks with development.* Journal of Neuroscience, 31(50): 18578-18589.

111. Kelly C*, **Uddin LQ*** Shehzad Z, Margulies DS, Castellanos FX, Milham MP, Petrides M (2010). *Broca's region: Linking human brain functional connectivity data and nonhuman primate tracing anatomy studies.* European Journal of Neuroscience, 32(3): 383-398.

112. Menon V, **Uddin LQ** (2010). *Saliency, switching, and attention and control: A network model of insula function.* Brain Structure & Function, 214(5-6): 655-667.

113. Supekar K, **Uddin LQ**, Prater K, Amin H, Greicius MD, Menon V (2010). *Development of functional and structural connectivity within the default mode network in young children.* Neuroimage, 52(1): 290-301.

114. **Uddin LQ**, Supekar K, Amin H, Rykhlevskaia E, Nguyen DA, Greicius MD, Menon V (2010). *Dissociable connectivity within human angular gyrus and intraparietal sulcus: Evidence from functional and structural connectivity.* Cerebral Cortex, 20(11): 2636-2646.

115. **Uddin LQ**, Supekar K, Menon V (2010). *Typical and atypical development of functional human brain networks: Insights from resting-state fMRI.* Frontiers in Systems Neuroscience, 4:21.

116. Di Martino A, Ross K, **Uddin LQ**, Sklar AB, Castellanos FX, Milham MP (2009). *Functional brain correlates of social and non-social processes in autism spectrum disorders: An ALE meta-analysis.* Biological Psychiatry, 65(1): 63-74.

117. Di Martino A, Shehzad Z, Kelly AMC, Roy AK, Gee DG, **Uddin LQ**, Gotimer K,

Klein DF, Castellanos FX, Milham MP (2009). *Relationship between cingulo-insular functional connectivity and autistic traits in neurotypical adults.* American Journal of Psychiatry, 166(8): 891-899.

118. Kelly AMC, Di Martino A, **Uddin LQ**, Shehzad Z, Gee DG, Reiss PT, Margulies DS, Castellanos FX, Milham MP (2009). *Development of anterior cingulate functional connectivity from late childhood to early adulthood*. Cerebral Cortex, 19(3): 640-657.

119. Margulies DS, Vincent JL, Kelly AMC, Lohmann G, **Uddin LQ**, Biswal BB, Villringer A, Castellanos FX, Milham MP, Petrides M (2009). *Precuneus shares intrinsic functional architecture in humans and monkeys*. Proc Natl Acad Sc, 106(47): 20069-20074.

120. Roy AK, Shehzad Z, Margulies DS, Kelly AMC, **Uddin LQ**, Gotimer K, Biswal BB, Castellanos FX, Milham MP (2009). *Functional connectivity of the human amygdala using resting state fMRI.* Neuroimage, 45(2): 614-626.

121. Rykhlevskaia E, **Uddin LQ**, Kondos L, Menon V (2009). *Neuroanatomical correlates of developmental dyscalculia: Combined evidence from morphometry and tractography.* Frontiers in Human Neuroscience, 3(51): 1-13.

122. Shehzad ZA, Kelly AMC, Reiss PT, Gee DG, Gotimer K, **Uddin LQ**, Lee SH, Margulies DS, Roy AK, Biswal BB, Petkova E, Castellanos FX, Milham MP (2009). *The resting brain: Unconstrained but reliable.* Cerebral Cortex, 19(10): 2209-2229.

123. **Uddin LQ**, Kelly AMC, Biswal BB, Castellanos FX, Milham MP (2009). *Functional connectivity of default mode network components: correlation, anticorrelation, and causality.* Human Brain Mapping, 30(2): 625-637.

124. **Uddin LQ**, Menon V (2009). *The anterior insula in autism: Under-connected and under-examined*. Neuroscience and Biobehavioral Reviews, 33(8): 1198-1203.

125. Castellanos FX, Margulies DS, Kelly AMC, **Uddin LQ**, Ghaffari M, Kirsch A, Shaw D, Shehzad Z, Di Martino A, Biswal BB, Sonuga-Barke E, Rotrosen J, Adler LA, Milham MP (2008). *Cingulate-precuneus interactions: A new locus of dysfunction in adult attention-deficit/hyperactivity disorder.* Biological Psychiatry, 63(3): 332-337.

126. Di Martino A, Scheres A, Margulies DS, Kelly AMC, **Uddin LQ**, Shehzad Z, Biswal BB, Walters JR, Castellanos FX, Milham MP (2008). *Functional connectivity of human striatum: a resting state fMRI study.* Cerebral Cortex, 18(12): 2735-2747.

127. Kaplan JT, Aziz-Zadeh L, **Uddin LQ**, Iacoboni M (2008). *The self across the senses: An fMRI study of self-face and self-voice recognition.* Social Cognitive and

Affective Neuroscience, 3: 218-223.

128. Kelly AMC, **Uddin LQ**, Biswal BB, Castellanos FX, Milham MP (2008). *Competition between functional brain networks mediates behavioral variability*. Neuroimage, 39(1): 527-537.

129. Stark DE, Margulies DS, Shehzad Z, Reiss P, Kelly AMC, **Uddin LQ**, Gee D, Roy AK, Banich MT, Castellanos FX, Milham MP (2008). *Regional variation in interhemispheric coordination of intrinsic hemodynamic fluctuations.* Journal of Neuroscience, 28(51): 13754-13764.

130. **Uddin LQ**, Davies MS, Scott AA, Zaidel E, Bookheimer SY, Iacoboni M, Dapretto M (2008). *Neural basis of self and other representation in autism: An fMRI study of self-face recognition.* PLoS ONE, 3(10): e3526.

131. **Uddin LQ**, Kelly AMC, Biswal BB, Margulies DS, Shehzad Z, Shaw D, Ghaffari M, Rotrosen J, Adler LA, Castellanos FX, Milham MP (2008). *Network homogeneity reveals decreased integrity of default-mode network in ADHD.* Journal of Neuroscience Methods, 169(1): 249-254.

132. **Uddin LQ**, Mooshagian E, Zaidel E, Scheres A, Margulies DS, Kelly AMC, Shehzad Z, Adelstein JS, Castellanos FX, Biswal BB, Milham MP (2008). *Residual functional connectivity in the split-brain revealed with resting-state fMRI*. Neuroreport, 19(7): 703-709.

133. Margulies DS, Kelly AMC, **Uddin LQ**, Biswal BB, Castellanos FX, Milham MP (2007). *Mapping the functional connectivity of the anterior cingulate cortex*. Neuroimage, 37(2): 579-588.

134. **Uddin LQ**, Iacoboni M, Lange C, Keenan JP (2007). *The self and social cognition: The role of cortical midline structures and mirror neurons.* Trends in Cognitive Sciences, 11(4): 153-157.

135. **Uddin LQ**, Molnar-Szakacs I, Zaidel E, Iacoboni M (2006). *rTMS to the right inferior parietal lobule disrupts self-other discrimination*. Social Cognitive and Affective Neuroscience, 1(1): 65-71.

136. Molnar-Szakacs I, **Uddin LQ**, Iacoboni M (2005). *Right hemisphere motor facilitation by self-referential personality-trait words.* European Journal of Neuroscience, 21(7): 2000-2006.

137. **Uddin LQ**, Kaplan JT, Molnar-Szakacs I, Zaidel E, Iacoboni M (2005). *Self-face recognition activates a frontoparietal "mirror" network in the right hemisphere: an event-related fMRI study*. Neuroimage, 25(3): 926-935.

138. **Uddin LQ**, Rayman J, Zaidel E (2005). *Split-brain reveals separate but equal*

self-recognition in the two cerebral hemispheres. Consciousness and Cognition, 14(3): 633-640.

Manuscripts Submitted or In Preparation

Bertolero MA, Dworkin JD, David S, Lopez-Lloreda C, Srivastava P, Stiso J, Zhou D, Dzirasa K, Fair D, Kaczkurkin, Shohamy D, **Uddin LQ**, Zurn P, Bassett DS. *Racial and ethnic imbalance in neuroscience reference lists and intersections with gender.* Nature Neuroscience, Under Revision.

Bolt T, Nomi JS, Bzdok D, Chang C, Yeo BTT, **Uddin LQ**, Keilholz SD. *Large-scale intrinsic functional brain organization emerges from three canonical spatiotemporal patterns.* Nature Neuroscience, Under Revision.

Chen M, Hao L, He Y, Xu J, Tian T, Zhao H, Jiang M, Gao J, Tan S, He Y, Tao S, **Uddin LQ**, Dong Q, Qin S. *Default mode network scaffolds immature fronto-parietal network in cognitive development.* Under Review.

Goodman ZT, Kornfeld S, Nomi JS, Dirks B, Romero C, Heller AS, **Uddin LQ**. *Brain signal variability and cognitive flexibility across the lifespan.* In Preparation.

Klugah-Brown B, Wang P, Jiang Y, Becker B, Hu P, **Uddin LQ**, Biswal B. *Structural-functional connectivity mapping of the insular cortex: A combined data-driven and meta-analytic topic mapping approach.* Under Review.

Kupis L, Nomi JS, Romero C, Dirks B, Dajani DR, Voorhies W, Winters M, Parlade MV, Alessandri M, Spreng RN, Dick AS, **Uddin LQ**. *Flexible item selection and the neural basis of cognitive inflexibility in autism.* Developmental Science, Stage 2 Registered Report In Preparation.

Kups L, **Uddin LQ**. *Developmental neuroimaging of cognitive flexibility: Update and future directions.* Invited Review In Preparation.

Liloia D, Cauda F, **Uddin LQ**, Manuello J, Mancuso, Keller R, L Nani A, Costa T. *Revealing the selectivity of neuroanatomical alteration in autism spectrum disorder via reverse inference.* Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, Under Revision.

Molnar-Szakacs I, **Uddin LQ**. *Anterior insula as a gatekeeper of cognitive control.* Psychological Review, Under Revision.

Nomi JS, Bzdok D, Li J, Bolt T, Kornfeld S, Goodman ZT, Yeo BTT, Spreng RN, **Uddin LQ**. *Global signal topography in the human brain changes systematically across the lifespan.* In Preparation.

Nomi JS, Spreng RN, Goodman ZT, Garrett DD, Bolt T, Heller AS, **Uddin LQ**. *Brain*

signal variability and predictability reliably index flexible cognition and behavior. In Preparation.

Pinto AM, Geenen R, Wager TD, Lumley MA, Häuser W, Kosek E, Ablin JN, Amris K, Branco J, Buskila D, Castelhano J, Castelo-Branco M, Crofford LJ, Fitzcharles M, López-Sola M, Luís M, Marques TR, Palavra F, Rhudy JL, **Uddin LQ**, Castilho P, Jacobs JWG, da Silva JAP. *Emotion regulation and the salience network: An integrative model of fibromyalgia.* Under Review.

Romero C, Kupis L, Goodman ZT, Baez A, Avellaneda A, Dirks B, Beumont AL, Cardona SM, Parlade MV, Alessandri M, Nomi JS, Perry LK, **Uddin LQ**. *Exploring psychosocial impacts of Covid-19 in children with autism spectrum disorder.* In Preparation.

Shan X, Xiao J, He C, Ling Z, Li L, Huang X, Chen H, **Uddin LQ**, Duan X. *Mapping the heterogeneous brain structural phenotype of autism spectrum disorder using the normative model.* Biological Psychiatry, Under Revision.

Uddin LQ. *Exceptional abilities in autism: Theories, misperceptions, and open questions.* Under Review.

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. *Progress report from WHATNET: Workgroup for Harmonized Taxonomy of NETworks.* In Preparation.

Uddin LQ, De Los Reyes A. *Developmental considerations for understanding perceptions and impacts of difference.* Invited Review In Preparation.

Zhu Y, Goodman ZT, **Uddin LQ**, Dykstra A, Nomi JS. *Prediction of subclinical depression from whole brain functional connectomes.* In Preparation.

Books, Chapters, Commentaries & Editorials

1. **Uddin LQ**, De Los Reyes A (2021). *Cultivating allyship through casual mentoring to promote diversity.* Trends in Cognitive Sciences, 25(10): 813-815.

2. De Los Reyes A, **Uddin LQ** (2021). *Revising evaluation metrics for graduate admissions and faculty advancement to dismantle privilege.* Nature Neuroscience, 24(6): 755-758.

3. Gau R, Noble S, Heuer K, Bottenhorn KL, Bilgin IP, Yang Y, Huntenburg JM, Bayer J, Bethlehem RAI, Rhoads SA, VogelBacher C, Borghesani V, Levitis E, Want H, Van Den Bossche S, Kobeleva X, Legarreta JH, Guay S, Atay SM, Varoquaux GP, Huijser DC, Sandstrom MS, Herholz P, Nastase SA, Badhwar A, Dumas G, Schwab S, Moia S, Dayan M, Bassil Y, Brooks PP, Mancini M, Shine JM,

O'Conner D, Xie X, Poggiali D, Friedrich P, Riedl L, Toro R, Heinsfeld AS, Caballero-Gaudes C, Eklund A, Garner KG, Nolan CR, Demeter DV, Barrios FA, Merchant JS, McDevitt EA, Oostenveld R, Craddock RC, Rokem A, Doyle A, Esper NB, Ghosh SS, Langs G, Nikolaidis A, Stanley OW, Urunuela E, Vohryzek, **The Brainhack Community** (2021). *Brainhack: developing a culture of open, inclusive, community-driven neuroscience.* Neuron, 109(11): 1769-1775.

4. Molnar-Szakacs I, **Uddin LQ**, Heffernan MB (2021). *The face behind the mask: The future of interpersonal interaction.* Neuron, 109(12): 1918-1920.

5. Momtazmanesh S, Saghazadeh A, Becerra JCA, Aramesh K, Barba FJ, Bella F, Blakney A, Capaccioli M, Castagna R, Crisanti U, Davtyan T, Dorigo T, Ealy J, Farokhnia M, Grancini G, Gupta M, Harbi A, Krysztofiak W, Kulasinghe A, Lam CM, Leemans A, Lighthill B, Limongelli V, Lopreiato P, Luongo L, Maboloc CR, Malekzadeh R, Gomes OC, Milosevic M, Nouwen J, Ortega-Sánchez D, Pawelek J, Pramanik S, Ramakrishna S, Renn O, Sanseviero S, Sauter D, Schreiber M, Sellke FW, Shahbazi MA, Shelkovaya N, Slater WH, Snoeck D, Sztajer S, **Uddin LQ**, Veramendi-Espinoza L, Vinuesa R, Willett WC, Wu D, Żyniewicz K, Rezaei N (2021). *International scientific collaboration is needed to bridge science to society: USERN2020 consensus statement.* SN Compr Clin Med, In Press.

6. Saggar M, Volle E, **Uddin LQ**, Chrysikou EG, Green AE (2021). *Creativity and the Brain: An Editorial Introduction to the Special Issue on the Neuroscience of Creativity.* Neuroimage, 231: 117836.

7. Bielczyk NZ, Ando A, Badhwar A, Caldinelli C, Gao M, Haugg A, Hernandez LM, Ito K, Kessler D, Lurie D, Makary MM, Nikolaidis A, Veldsman M, Allen C, Bankston A, Bottenhorn KL, Braukmann R, Calhoun V, Cheplygina V, Boffino C, Ercan E, Finc K, Foo H, Khatibi A, La K, Mehler DMA, Narayanan S, Poldrack RA, Raamana PR, Salo T, Godard-Sebillotte C, **Uddin LQ**, Valeriani D, Valk SL, Walton CC, Ward PGD, Yanes JA, Zhou X, OHBM Student and Postdoc Special Interest Group (2020). *Effective self-management for early career researchers in the natural and life sciences.* Neuron, 106(2): 212-217.

8. Momtazmanesh S, Ochs HD, **Uddin LQ**, Perc M, Routes JM, Vieira DN, Al-Herz W, Baris S, Prando C, Rosivall L, Latiff AHA, Ulrichs T, Roudenok V, Becerra JCA, Salunke DB, Goudouris E, Condino-Neto A, Stashchak A, Kryvenko O, Stashchak M, Bondarenko A, Nima Rezaei (2020). *All together to fight COVID-19.* American Journal of Tropical Medicine & Hygiene, 102(6): 1181-1183.

9. **Uddin LQ** (2020). *An "edgy" new look.* Nature Neuroscience, 23(12): 1471-1472.

10. **Uddin LQ** (2020). *Stability and plasticity of functional brain networks after hemispherectomy: Implications for consciousness research*. Quantitative Imaging in Medicine and Surgery, 10(6): 1408-1412.

11. Margulies DS, **Uddin LQ** (2019). *Network convergence zones in the anterior midcingulate cortex.* In: Vogt B, (ed). Cingulate Cortex. Handbook of Clinical Neurology, San Diego: Elsevier BV: 103-111.

12. **Uddin LQ** (2019). *Effects of participant functioning level on brain functional connectivity in autism.* Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 4(3): 216-217.

13. Raja V, Penner M, **Uddin LQ**, Anderson ML (2019). *The neural reuse hypothesis.* Oxford Handbook of Developmental Cognitive Neuroscience, Oxford University Press.

14. **Uddin LQ** (2017). *Mixed signals: On separating brain signal from noise.* Trends in Cognitive Sciences, 21(6): 405-406.

15. **Uddin LQ** (2016). *Salience network of the human brain*. Elsevier. http://store.elsevier.com/Salience-Network-of-the-Human-Brain/Lucina-Uddin/isbn-9780128045930/

16. Molnar-Szakacs I, **Uddin LQ** (2015). *The self in autism.* The Self in Understanding and Treating Psychological Disorders, Chapter 15. Cambridge University Press.

17. **Uddin LQ** (2015). *The influence of brain state on functional connectivity in autism.* EBioMedicine, 2(12): 1840-1841.

18. **Uddin LQ** (2015). *Idiosyncratic connectivity in autism: Developmental and anatomical considerations.* Trends in Neurosciences, 38(5): 261-263.

19. Kana RK, **Uddin LQ**, Kenet T, Chugani D, Müller RA (2014). *Brain connectivity in autism.* Front. Hum. Neurosci, 8: 349.

20. **Uddin LQ** (2014). *Dynamic connectivity and dynamic affiliation: Comment on "Understanding brain networks and brain organization" by Pessoa*. Physics of Life Reviews, S1571-0645(14)00062-1.

21. **Uddin LQ** (2014). Editor. *Insula: Neuroanatomy, Functions and Clinical Disorders.* Nova Science Publishers, Inc.

22. Abrams DA, **Uddin LQ**, Menon V (2013). *Reply to Brock: Renewed focus on the voice and social reward in children with autism.* Proc Natl Acad Sc, 110(42): E3974.

23. **Uddin LQ** (2013). *Complex relationships between structural and functional brain connectivity*. Trends in Cognitive Sciences, 17(12): 600-2.

24. Molnar-Szakacs I, **Uddin LQ** (2012). *The Emergent Self: How Distributed Neural*

Networks Support Self-representation. Handbook of Neurosociology, Chapter 13. Springer.

25. **Uddin LQ** (2011). *Resting-state fMRI and developmental systems neuroscience: Commentary on "Maturing thalamocortical functional connectivity across development".* Front. Neurosci, 5: 14.

26. **Uddin LQ**, Menon V (2010). *Introduction to special topic - Resting-state brain activity: Implications for systems neuroscience*. Front. Syst. Neurosci, 4: 37.

27. Aminoff EM, Balslev D, Borroni P, Bryan R, Chua EF, Cloutier J, Cross ES, Drew T, Funk C, Gil da Costa RM, Guerin SA, Hall JL, Jordan K, Landau AN, Molnar-Szakacs I, Montaser-Kouhsari L, Olofsson J, Quadflieg S, Somerville LH, Sy JL, **Uddin LQ**, Yamada M (2009). *The landscape of cognitive neuroscience: Challenges, rewards, and new perspectives.* The Cognitive Neurosciences, IV.

28. **Uddin LQ** (2008). *Interhemispheric resting-state functional connectivity: insights from the split-brain*. Electronic response to Johnston et al., Loss of Resting Interhemispheric Functional Connectivity after Complete Section of the Corpus Callosum, Journal of Neuroscience, 28: 6453-6458.

Conference Abstracts Since 2014 (*Denotes trainee presenter)

1. **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).

2. Goodman ZT, Nomi JS, Kupis L, **Uddin LQ**, Loewenstein DA, Curiel RE (2021). *Functional connectivity of memory systems in offspring of patients with Alzheimer's disease.* Annual Meeting of the Organization for Human Brain Mapping (Virtual).

3. Kupis L, Goodman ZT, Kornfeld S, Hoang S, Romero C, Dirks B, Chang C, Spreng RN, Nomi JS, **Uddin LQ** (2021). *Brain dynamics moderate cognitive flexibility across the lifespan.* Annual Meeting of the Organization for Human Brain Mapping (Virtual).

4. 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).

5. 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).

6. 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).

7. 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).

8. 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).

9. 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).

10. 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).

11. 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).

12. 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).

13. 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).

14. 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).

15. 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).

16. 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).

17. 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).

18. 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.

19. Nomi JS*, Marshall E*, Dirks B*, Romero C*, Voorhies W*, Parlade M, Alessandri M, **Uddin LQ** (2019). *Salience network co-activation patterns in children with autism spectrum disorder.* Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience.

20. 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.

21. 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.

22. 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.

23. 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.

24. 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.

25. 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.

26. 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.

27. Shankar S*, Turan TO*, Nomi JS*, Voorhies W*, Huberman M v, 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.

29. 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.

30. 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.

31. 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.

32. 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.

33. 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.

34. 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.

35. 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.

36. 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.

37. 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.

38. Vij SG*, **Uddin LQ** (2018). *Cognitive flexibility tracks with dynamic transitions in intrinsic connectivity profiles.* Annual Meeting of the Cognitive Neuroscience Society.

39. 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.

40. 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.

41. Dajani DR*, Odriozola P*, **Uddin LQ** (2017). *Neural correlates of cognitive flexibility across the lifespan.* Annual Meeting of the Organization for Human Brain Mapping.

42. 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.

43. Vij SG*, Nomi JS*, **Uddin LQ** (2017). *Changes in functional network topology across the lifespan.* Annual Meeting of the Organization for Human Brain Mapping.

44. 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.

45. 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.

46. 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.

47. 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.

48. 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.

49. 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.

50. 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.

51. Neumann D, **Uddin LQ** (2016). *Reduced flexibility of cingulate-based functional networks in autism.* Annual Meeting of the Organization for Human Brain Mapping.

52. 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.

53. 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.

54. 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.

55. 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.

55. Steimke RS*, Nomi JS*, Calhoun VD, Stelzel C, Paschke L, Walter H, **Uddin LQ** (2016). *Salience network dynamics underlying successful resistance of temptation.* Annual Meeting of the Organization for Human Brain Mapping.

56. 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.

57. 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.

58. Dajani D*, **Uddin LQ** (2015). *Local brain connectivity across the lifespan in autism spectrum disorder and typical development*. International Meeting for Autism Research.

59. Dajani D*, **Uddin LQ** (2015). *Relationship between cognitive flexibility and prefrontal cortical functional connectivity.* Annual Meeting of the Organization for Human Brain Mapping.

60. Farrant K*, **Uddin LQ** (2015). *Atypical development of dorsal and ventral attention networks in autism.* Annual Meeting of the Organization for Human Brain Mapping.

61. 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.

62. 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.

63. 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). *Salience 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.