Lucina Q. Uddin, Ph.D.

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Education

University of California, Los Angeles
September 2001-June 2006
Ph.D., Psychology/Cognitive Neuroscience
Behavioral Neuroscience Area

University of California, Los Angeles
September 1997-June 2001
B.S., Neuroscience, Philosophy minor
Magna Cum Laude, College Honors

Faculty Appointments

University of Miami

- November 2018-current: Director, Cognitive and Behavioral Neuroscience Division, Department of Psychology
- June 2017-current: Associate Professor with Tenure, Department of Psychology
- June 2017-current: Director, Cognitive and Behavioral Neuroscience Graduate Program, Department of Psychology
- January 2014-May 2017: Assistant Professor, Department of Psychology
- June 2014-current: Graduate Faculty member, Neuroscience Program, Miller School of Medicine

Stanford University

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

Post-doctoral 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 School of Medicine, Child Study Center
    - *Principal Investigator:* Dr. F. Xavier Castellanos

Graduate Training

- September 2001-June 2006: UCLA Department of Psychology
    - *Advisors:* Drs. Eran Zaidel & Marco Iacoboni (co-chairs)
    - *Dissertation committee members:* Drs. Barbara Knowlton, Mirella Dapretto & Matt Lieberman
    - *Dissertation title:* Neural correlates of visual self-recognition

Honors, Awards & Distinctions

Current Google Scholar h-index: 53, i10-index 85, Total Citations > 21,400

- **University of Miami Provost Research Award, 2020-2021 ($31,00, Co-PI with PI 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 PI 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-current
- 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)**
- **Organization for Human Brain Mapping (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: 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 R03MH121668; $150,500
  Brain Signal Variability as a Novel Marker of Flexible Cognition in Autism
  Role: Co-I

- 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: Lucina Q. Uddin, 2015-2020
  NIH BRAINS R01 MH107549; $2,319,596
  Cognitive and Neural Flexibility in Autism

- Principal Investigator: Lisa Aziz-Zadeh, 2015-2020
  NIH R01 HD079432

The Neurobiological Basis of Heterogeneous Social and Motor Deficits in ASD
Role: Consultant

Completed Research Support

- 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 K01 MH092288; $817,671
  Structural and Functional Connectivity of Large-Scale Brain Networks in Autism

Visiting Scholar Appointments

- Rotman Institute of Philosophy, Western University, London, Ontario, Canada: September 21-28, 2019

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

- 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: Organization for Human Brain Mapping Educational Course, June 17th, 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"

Workshops & Symposia 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

Workshops, Symposia, Conferences, Special Topics and Diversity Events Organized

- September 20, 2019: University of Miami Psychology Department Diversity and Equity Committee Panel – Thriving at the Intersection: Women of Color in Psychology (https://vimeo.com/361829871)
- June 10, 2019: Organization for Human Brain Mapping, Co-organized symposium -- Diversity Round Table: Using insights from social psychology and neuroscience to address gender bias
- May 2-4, 2019: Co-organized annual meeting of the Social & Affective Neuroscience Society (http://www.socialaffectiveneuro.org/)
- March 10-13, 2019: Co-organized Whistler Summer Workshop on Brain Functional Organization, Connectivity and Behavior (https://medicine.yale.edu/mrrc/home/seminars/workshop/)
- November 2018-October 2019: Neuroimage, *Neuroscience of Creativity* -- Co-edited call for papers (https://www.journals.elsevier.com/neuroimage/call-for-papers)
- 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 topics 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 topics 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/)

Volunteer Experience and Community Engagement

- May 2020-July 2020: Host, Summer Undergraduate Research Fellowship, University of Miami Miller School of Medicine
    - Research project mentor for undergraduate student
- May 2019-current: Science for Seminaries
    - Science advisor for AAAS Dialogue on Science, Ethics and Religion
- September 2018-current: Empower Me First, University of Miami
    - Mentor to first-generation college student
- May 2017-current: 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 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: Host, 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

Virtual Invited Lectures

1. OHBMX Twitter conference keynote, March 20, 2020: "Towards a universal taxonomy of brain networks" (https://twitter.com/OHBMequinoX/status/1241114834428661762)
2. Inter- and Intra-Person Variability in the Human Brain Virtual Symposium, November 5, 2019: "Heterogeneity of Cognitive Flexibility"

Invited Lectures

1. 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)*
2. 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)*
3. Conectoma Sur, Santiago, Chile, March 23, 2020: "Brain dynamics and flexible behaviors" *(cancelled March 10, 2020 due to COVID-19)*
4. San Diego State University, March 10, 2020: "Network Neuroscience of Autism"
5. University of California San Diego Cognitive Brownbag, March 6, 2020: "Brain dynamics and flexible behaviors"
6. University of Illinois Urbana-Champaign Neuroscience Seminar, March 3, 2020: "Brain dynamics and flexible behaviors"
7. University of Texas at Austin Cognitive Neuroscience & Biomedical Imaging Center Seminar, February 14, 2020: "Brain dynamics and flexible behaviors"
8. 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"
9. 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)
10. BrainModes: Exploring Unified Principles of Brain Connectivity and Dynamics, Pokhara, Nepal, December 12, 2019: "Brain dynamics and flexible behaviors"
11. University of Colorado Boulder, November 11, 2019: "Brain dynamics and flexible behaviors"
12. Indiana University Neuroscience Colloquium Series, October 7, 2019: "Brain dynamics and flexible behaviors"
13. University of Western Ontario, September 23, 2019: "Brain dynamics and flexible behaviors in typical and atypical development"
14. University of Bordeaux, September 16, 2019: "Cognitive and neural flexibility in typical and atypical development"
15. University of Western Ontario, June 25, 2019: "Insular connectivity in typical and atypical development"
16. University of Western Ontario, June 21, 2019: "The role of the insula in cognitive and neural flexibility"
17. Vanderbilt University, April 15, 2019: "Cognitive and neural flexibility"
18. University of Miami 3rd Annual Neural Engineering Symposium, April 4, 2019: "Clinical network neuroscience"

19. Brain Functional Organization, Connectivity, and Behavior, Noosa, Sunshine Coast, Australia, March 12, 2019: "The task-positive/task-negative pattern and the cognitive ontology project"
20. Montreal Neurological Institute, McGill University, February 20, 2019: "Cognitive and neural flexibility"
21. University of Southern California, January 28, 2019: "Cognitive and neural flexibility in typical and atypical development"
22. Alpine Brain Imaging Meeting, Champéry, Switzerland, January 8, 2019: "The salience network and cognitive and neural flexibility"
23. University of California, Los Angeles, Department of Psychology, November 28, 2018: "Cognitive and neural flexibility"
24. Hot Topics in Developmental Disabilities, Boca Raton, FL, November 9, 2018: "Brain connectivity in autism"
25. Psychological, Genetic and Neurological Aspects of ASD Diagnosis, Gdansk, Poland, October 20, 2018: "Brain connectivity and cognition in autism"
26. 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"
27. Duke University Center for Cognitive Neuroscience Colloquium Series, September 21, 2018: "Cognitive and neural flexibility"
28. Florida Atlantic University Neuroscience Seminar Series, September 11, 2018: "Brain connectivity and cognition in typical and atypical development"
29. 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"
30. Organization for Human Brain Mapping Annual Mentoring and Career Development Symposium, June 19, 2018: "Failing better"
31. University of California, San Diego, May 24, 2018: "Network neuroscience approaches to autism"
32. Society of Biological Psychiatry Symposium, May 12, 2018: "Brain signal variability as a novel marker of flexible behavior in autism"
33. 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"
34. 4th Whistler Scientific Workshop on Brain Functional Organization, Connectivity and Behavior, March 6, 2018: "Exploring brain dynamics and flexible behaviors"
35. Alan E. Kazdin Endowed Lecture, San Jose State University, February 12, 2018: "Brain connectivity and cognition in typical and atypical development"
36. Association for Behavior Analysis International, Miami, Florida, February 5, 2018: "Brain connectivity and cognition in autism"
37. Conference on the Neurobiology of Mental Health, Geneva, Switzerland, January 26, 2018: "Brain networks underlying flexible behaviors in autism: Insights from network neuroscience"
38. 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"

39. Control Processes Meeting Data Blitz, Amsterdam, The Netherlands, October 13, 2017: "Salience network dynamics and self-control"
40. 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"
41. Wayne State University, September 7, 2017: "Investigating typical and atypical brain development in the era of network neuroscience"
42. Pediatric Epilepsy Surgery Conference, Orlando, Florida, July 8, 2017: "Typical and atypical development of brain connectivity: The case of hemispherectomy"
43. Organization for Human Brain Mapping Symposium, June 28, 2017: "Considering evoked and intrinsic functional brain network architectures"
44. Duke-NUS Medical School, Singapore, February 28, 2017: "Brain connectivity and cognition: The case of the salience network"
45. Chung-Ang University, Seoul, South Korea, February 24, 2017: "Brain connectivity and cognition in typical and atypical development"
46. University of Maryland, January 6, 2017: "Human brain function and dysfunction in the era of network neuroscience"
47. University of Pittsburgh, December 2, 2016: "Brain connectivity and cognition in typical and atypical development"
48. Control Processes Meeting Data Blitz, San Diego, California, November 10, 2016: "Functional brain dynamics underlying executive functions"
49. International Organization of Psychophysiology, Havana, Cuba, September 4, 2016: "Towards brain-based biomarkers of autism"
50. Organization for Human Brain Mapping Symposium, June 30, 2016: "Functional brain dynamics underlying individual differences in executive function"
51. University of Zurich, Switzerland, June 23, 2016: "Salience network function in typical and atypical development"
52. 13th Annual Conference of the Society for Brain Mapping and Therapeutics, Miami, Florida, April 9, 2016: "Brain networks underlying cognitive flexibility in autism"
53. 9th Annual Conference on Best Practice in Autism Keynote Speaker, Florida Gulf Coast University, April 9, 2016: "Brain connectivity in autism"
54. NeuroNet Conference, University of Tennessee Knoxville, April 7, 2016: "Neuroimaging of Typical and Atypical Development: Examples from Autism and Hemispherectomy"
55. NIMH 2015 BRAINS Awards Ceremony, March 7, 2016: "Cognitive and Neural Flexibility in Autism"
56. University of Miami Department of Computer Science pizza seminar, March 2, 2016: "Human connectomics: applications in clinical and developmental neuroscience
57. CIDD Investigator Forum, University of North Carolina at Chapel Hill, January 12, 2016: "Neuroimaging of typical and atypical brain network development: Insights from autism"
58. 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"

59. International Association for the Study of Attachment, Miami, Florida, November 9, 2015: "Brain networks for social processing in autism"
60. Society for Research in Psychopathology, New Orleans, Louisiana, October 17, 2015: "Dynamic switching mechanisms in insula/anterior cingulate: Implications for salience processing and dysfunction"
61. 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"
62. University of California, Los Angeles, Festschrift for Eran Zaidel, September 10, 2015: "Typical and atypical development of brain connectivity"
63. Technische Universität München, Munich, Germany, August 31, 2015: "Large-scale brain network interactions in typical and atypical development"
64. University of Electronic Science and Technology of China Summer Program, Chengdu, China, July 23, 2015: "Brain connectivity in typical and atypical development"
65. University of Electronic Science and Technology of China, Chen Lab, Chengdu, China, July 20, 2015: "Brain connectivity in clinical neuroscience"
66. Summer Institute in Cognitive Neuroscience, Santa Barbara, California, July 3, 2015: "Computation and network analysis for understanding developmental connectivity"
67. Organization for Human Brain Mapping Symposium, June 16, 2015: "Neuroimaging of typical and atypical development: Insights from autism and hemispherectomy"
68. Miami Project to Cure Paralysis, June 2, 2015: "Mapping functional brain networks in typical and atypical development"
69. 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)
70. University of Miami Annual Neuroscience Program Retreat, May 1, 2015: "Mapping functional human brain networks"
71. Social and Affective Neuroscience Society Blitz Talk, Boston, Massachusetts, April 25, 2015: "Salience processing and insular cortical function and dysfunction"
72. International Convention of Psychological Science, Amsterdam, The Netherlands, March 13, 2015: "Brain network dynamics and psychopathology of the social brain"
73. Caltech Emotion and Social Cognition Laboratory, December 1, 2014: "Neurocognitive network interactions in typical and atypical development"
74. University of Miami Center for Autism & Related Disabilities, Mental Health Professionals Advising, Learning & Sharing, November 13, 2014: "Brain connectivity in autism"
75. University of Miami Biology Seminar, November 10, 2014: "Neuroimaging approaches to mapping functional human brain networks"
76. Fourth Biennial Conference on Resting State/Brain Connectivity, Boston, Massachusetts, September 13, 2014: "Functional organization of brain networks in children with hemispherectomy"
77. 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"

78. Miami Children's Hospital, July 16, 2014: "Functional organization of brain networks in typical and atypical development"
79. Scientific Worship on Neuroplasticity after Hemispherectomy, Anaheim, California, July 9, 2014: "Functional organization of brain networks in children with hemispherectomy"
80. University of Miami Miller School of Medicine, McKnight Research Seminar, May 27, 2014: "Mapping functional brain networks in typical and atypical development"
81. Society of Biological Psychiatry Symposium, May 9, 2014: "Salience-network based classification of autism"
82. University of Southern California, April 23, 2014, The A-Z Lab: "Mapping functional brain networks in typical and atypical development"
83. Stanford Autism Center, 7th Annual Autism Spectrum Disorder Update, April 19, 2014: "Is the brain circuitry in people with autism spectrum disorder connected differently?"
84. Baptist Health South Florida CME, 12th Annual Autism Spectrum Disorder Conference, April 2, 2014: "Brain connectivity in autism spectrum disorders"
85. University of California, San Francisco, Selective Vulnerability Research Lab, November 20, 2013: "Typical and atypical development of the salience network"
86. University of California, Los Angeles, Brain Mapping Seminar, November 13, 2013: "Approaches for mapping neurocognitive networks in typical and atypical development"
87. University of British Columbia, Child & Family Research Institute, October 25, 2013: "Brain connectivity in autism spectrum disorders"
88. University of British Columbia, Brain Research Centre, October 25, 2013: "Mapping neurocognitive networks in typical and atypical development"
89. Cold Spring Harbor, "Wiring the Brain", July 21, 2013: "Mapping neurocognitive networks in typical and atypical development"
90. Feinstein Institute for Medical Research, Zucker Hillside Hospital, NorthShore LIJ, July 17, 2013: "Mapping neurocognitive networks in typical and atypical development"
91. Stanford Autism Center, 6th Annual Autism Spectrum Disorder Update, June 1, 2013: "Attention, language, and math abilities in autism: insights from brain imaging"
92. Uppsala University Department of Psychology, Uppsala, Sweden, May 13, 2013: "Mapping neurocognitive networks in typical and atypical development"
93. 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"
94. Pennsylvania State University, Department of Psychology, February 12, 2013: "Mapping neurocognitive networks in typical and atypical development"
95. Virginia Tech, Department of Psychology, February 5, 2013: "Mapping neurocognitive networks in typical and atypical development"
96. University of New Mexico, Department of Psychology, January 30, 2013: "Mapping neurocognitive networks in typical and atypical development"
97. University of Illinois-Chicago, Department of Psychology, January 23, 2013: "Neurocognitive networks for social processing in typical and atypical development"

98. University of Miami, Department of Psychology, January 16, 2013: "Mapping neurocognitive networks in typical and atypical development"
99. Yale University fMRI & Bioimaging Sciences Seminar, December 18, 2012: "Dynamic reconfiguration of connectivity across core neurocognitive networks in typical and atypical development"
100. Northeastern University Interdisciplinary Affective Science Laboratory, December 13, 2012: "Mapping neurocognitive networks in typical and atypical development"
101. University of Utah, Department of Psychology, December 3, 2012: "Mapping neurocognitive networks in typical and atypical development"
102. Stanford University, Department of Psychology Frisem, November 9, 2012: "Mapping functional brain networks in typical and atypical development"
103. Texas Tech University, Department of Psychology, November 6, 2012: "Mapping functional brain networks in typical and atypical development"
104. Society for Neuroscience Minisymposium, New Orleans, LA, October 16, 2012: "Dynamic reconfiguration of connectivity across core neurocognitive networks in typical and atypical development"
105. University Medical Center Hamburg-Eppendorf, Germany, August 31, 2012: "Brain connectivity and cognition in typical and atypical development"
106. Stanford Autism Center, 5th Annual Autism Spectrum Disorder Update, May 12, 2012: "Towards brain-based biomarkers of autism"
107. Society of Biological Psychiatry, May 3, 2012: "Reconfiguration of structural and functional brain networks with development"
108. University of California, Los Angeles, Culture, Brain and Development Seminar, April 26, 2012: "Brain connectivity and cognition in autism spectrum disorders"
109. University of California, Irvine, Department of Cognitive Sciences, February 15, 2012: "Brain connectivity and cognition in typical and atypical development"
110. Ohio State University, Department of Psychology, February 6, 2012: "Brain connectivity and cognition in typical and atypical development"
111. Indiana University, Department of Psychological and Brain Sciences, January 19, 2012: "Brain connectivity and cognition in typical and atypical development"
112. Society for Neuroscience Nanosymposium, Washington D.C., November 15, 2011: "Dynamic interactions between salience, central executive, and default mode networks change with development"
113. Organization for Human Brain Mapping, Quebec City, June 27, 2011: "Multivariate classification of structural MRI in children with autism"
114. Mirror Neurons: from Action to Empathy conference, Torun, Poland, April 14, 2010: "Self and other representation in autism"
115. Stanford Memory Lab, March 19, 2010: "Brain connectivity and cognition: insights from resting-state fMRI, DTI, and comparative neuroanatomy"
116. Stanford Autism Working Group, December 3, 2009: "Structural and functional connectivity of large-scale brain networks in autism spectrum disorders"
117. 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"
118. Self, Intersubjectivity, and Social Neuroscience conference, Torun, Poland, September 26, 2007: "Neural correlates of self-recognition"

119. Caltech Emotion and Social Cognition Laboratory, September 7, 2007: "Social cognition and functional connectivity in neurotypical and clinical populations: New methods and directions"

120. University of California, Los Angeles, Brain Mapping Seminar, December 3, 2003: "Self-recognition in the two cerebral hemispheres"

Ad hoc Reviewer Service (over 140 journals)

Acta Paediatrica, Acta Psychologica, Alzheimer's Research & Therapy, American Journal of Neuroradiology, **American Journal of Psychiatry**, Annals of Clinical and Translational Neurology, Annals of Neurology, Archives of Clinical Neuropsychology, Autism Research, Behavioral & Brain Sciences, **Behavioral and Brain Sciences**, Behavioural Brain Research, Behavioral Neuroscience, Bioinformatics, **Biological Psychiatry**, Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 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 Sciences, Brain Structure and Function, Brain Topography, British Journal of Developmental Psychology, Cerebellum, **Cerebral Cortex**, Child Development, Cognitive Affective & Behavioral Neuroscience, Cognitive Neurodynamics, Cognitive Neuroscience, 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, **Neuron**, Neuropsychiatric Disease and Treatment, Neuropsychologia, Neuropsychology, Neuropsychology Review, Neuropsychopharmacology, Neuroscience, Neuroscience & Biobehavioral Reviews, Neuroscience Letters, Pediatrics, PeerJ, Perception, Personality Neuroscience, Philosophical Transactions of the Royal Society B: Biological Sciences, **PLoS Computational Biology, PLoS Biology**, PLoS One, **Proceedings of the National Academy of Sciences**, Progress in Neuropsychopharmacology & Biological Psychiatry, Psychiatry Research: Neuroimaging, **Psychological Bulletin**, Psychological Medicine, **Psychological Science**, Psychology & Neuroscience, Psychoneuroendocrinology, Psychophysiology, Research in Autism Spectrum Disorders, Research in Developmental Disabilities, Schizophrenia Bulletin, Schizophrenia Research, **Science Advances**, **Science Translational Medicine**, Scientific Reports, Social Cognitive and Affective Neuroscience, Social Neuroscience, The Neuroscientist, Translational Psychiatry, **Trends in Cognitive Sciences**, **Trends in Neurosciences**

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

Editorial Service
- Guest Editor: Proceedings of the National Academy of Sciences (2020)
- Handling Editor: Neuroimage (2019-current)
- Senior Editor: Network Neuroscience (2018-current)
- Consulting Editor: Social Cognitive and Affective Neuroscience (2018-current)
- Associate Editor: Network Neuroscience (2016-2018), Frontiers in Human Neuroscience (2017-2018)
- Section Editor: Behavioral and Brain Functions - Attention, learning and behavior: Human Studies (2017-2018)
- Editorial Board: Neuroimage (2016-current), Biological Psychiatry: Cognitive Neuroscience and Neuroimaging (2018-current), Clinical Psychological Science (2018-current), Biological Psychiatry (2020-current)

Grant Reviewer Service
- 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
- Sensory and Motor Neuroscience, Cognition and Perception Fellowship study section ad hoc member, 2018
- Learning Disabilities Research Centers (LDRC) – NICHD study section ad hoc member, 2017
- 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-current
- Welcome Trust reviewer, 2017

Professional Organization Service

- Social & Affective Neuroscience Society (SANS) Diversity Award Committee Member, 2020
- Universal Scientific Education and Research Network (USERN) Policy-making Council, 2020-2022
- Organization for Human Brain Mapping (OHBM) Council member, 2017-2020
- OHBM Program Chair, 2019
- SANS Program Committee member, 2018
- OHBM 25th Anniversary Task Force member, 2017-2019
- OHBM Diversity and Inclusivity Committee member, 2017-current
- International Society for Autism Research (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

Press

- 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

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

University of Miami: Mentoring

- Undergraduate students
  - Leigha Kircher (1/2020-current, Biology & Psychology)
  - Ishaan Shah (9/2019-2/2020, Neuroscience)
  - Andrea Avellaneda (9/2019-current, Neuroscience)
  - Gabriella Balassarre (9/2019-current, Neuroscience)
  - Nick Kathrein (9/2019-current, Neuroscience)
  - Megan Padgett (9/2019-current, Health Science)
  - Grant Foster (1/2019-5/2019, Neuroscience)
  - Marissa Miara (1/2019-current, Neuroscience)
  - Laura Rosok (1/2019-current, Neuroscience)
  - Alexander Douma (1/2019-current, Neuroscience)
  - Phoebe Cohen (1/2019-current, Psychology, Neuroscience and Philosophy)
  - Stephanie Hoang (1/2019-current, 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-current, Neuroscience)
  - Ozerk Turan (8/2017-5/2019, Psychology)
  - Syntia Hadis (7/2017-1/2018, Psychology)
  - 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 fellow)
  - 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 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)
    - Chris Duke (7/2014-5/2016, Neuroscience)
    - Ayesha Kar (2/2014-4/2015, Neuroscience)
    - Anna Ivanova (2/2014-5/2017, Neuroscience, current MIT graduate student)
- Graduate students
    - Celia Romero (8/2020-current, Psychology: Cognitive and Behavioral Neuroscience)
    - Lauren Kupis (8/2019-current, Psychology: Child Clinical)
    - Grace Lei (11/2017-11/2018, visiting student from China)
    - Taylor Bolt (8/2015-5/2018, Psychology: Cognitive and Behavioral Neuroscience, current Data Science Consultant at Gallup)
    - Elena Buglo (1/2015-3/2015, Program in Biomedical Sciences rotation: Neuroscience)
    - Dina Dajani (8/2014-12/2018, Psychology: Cognitive and Behavioral Neuroscience, current UX Researcher at Facebook)
    - Casey Burrows (8/2014-5/2018, Psychology: 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 (10/2017-7/2020)
    - 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, current Florida International University graduate student)

University of Miami: Awards and Honors Granted to Trainees

- Nick Kathrein: PRIME Summer Research Program, 2020 ($4,000)
- 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)

University of Miami: Service

- Dissertation Committee Member (2020-current): 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-current): Yanerys Leon, Ph.D.
- Faculty Senate Committee on Professional Conduct (CPC) member (2019-current)
- Dissertation Committee Member (2019-current): 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 (2018-current): Hannah Radabaugh, Neuroscience
- Undergraduate Senior Honors Thesis Committee Member (2019): Madeleine Snider
- Undergraduate Senior Honors Thesis Committee Member (2019): Christina Rocchini
- Non-clinical (Psychological Sciences) Committee Member (2018-current)
- 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
- Department of Psychology Diversity and Equity Committee (2017-current)
- 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-current)
- 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-current
- 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 (2019): University of Auckland
- Tenure case review (2019): Rutgers University
- Tenure case review (2018): Simon Fraser University
- Dissertation Committee Member (2019): Ismail Koubiyr, University of Bordeaux
- Dissertation Committee Member (2018): Dea Garic, Florida International University
- Dissertation Committee Member (2018): Richard Chen, Rutgers University
- External Examiner for Doctoral Dissertation (2018): Sue-Jin Lin, University of British Columbia
- External Examiner for Doctoral Dissertation (2019): Yogesh Kumar Sariya, Indian Institute of Technology Roorkee

Publications

*****Denotes equal contribution

1. 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.

2. 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, In Press.

3. 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, In Press.

4. 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, In Press.

5. 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 MRI adaptation to individual connectome mapping.* Journal of Cognitive Neuroscience, In Press.

6. 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, In Press.

7. 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.

8. 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, In Press.

9. 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.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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.

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20. 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.

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

22. 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.

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

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

25. 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.

26. 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.

27. 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.

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30. **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.

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32. 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.

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36. 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.

37. 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.

38. 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.

39. 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.

40. 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.

41. 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.

42. 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.

43. 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.

44. 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.

45. **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.

46. **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.

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48. 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.

49. 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.

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53. 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.

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

55. 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.

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attention networks in the human brain. Developmental Cognitive Neuroscience, 12: 165-174.

59. 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.

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

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

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

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