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KAREN J. PARKER, Ph.D.
Curriculum Vitae

1201 Welch Road, MSLS P104 - Mail Code 5485
Major Laboratories
Department of Psychiatry & Behavioral Sciences
Stanford University School of Medicine
Stanford, CA 94305-5485

Office: +1 650 736-9863
Lab: +1 650 498-5187
Fax: +1 650 498-7761
Email: kjparker@stanford.edu
Website: med.stanford.edu/parkerlab.html

EDUCATION

04/94	A.B.	University of Michigan College of Literature, Science and the Arts	Ann Arbor, MI
12/00	Ph.D.	University of Michigan Department of Psychology Rackham School of Graduate Studies	Ann Arbor, MI
01/01-03/06	Postdoctoral Fellow	Stanford University Department of Psychiatry and Behavioral Sciences School of Medicine	Palo Alto, CA

ACADEMIC POSITIONS

04/06-04/07	Instructor	Stanford University Department of Psychiatry and Behavioral Sciences School of Medicine
05/07-02/15	Assistant Professor	Stanford University Department of Psychiatry and Behavioral Sciences School of Medicine
2012-	Affiliate Scientist	California National Primate Research Center
03/15-07/23	Associate Professor	Stanford University Department of Psychiatry and Behavioral Sciences School of Medicine
07/21-07/23	Associate Professor (courtesy)	Stanford University Department of Comparative Medicine School of Medicine
08/23-	Professor (primary) (courtesy)	Stanford University Department of Psychiatry and Behavioral Sciences Department of Comparative Medicine School of Medicine
10/23-	Inaugural Truong-Tan Broadcom Endowed Professor, School of Medicine	

LEADERSHIP POSITIONS

09/18-10/19	Vice Chair	Major Laboratories Steering Committee Department of Psychiatry and Behavioral Sciences Stanford University School of Medicine
11/19-	Chair	Major Laboratories Steering Committee Department of Psychiatry and Behavioral Sciences Stanford University School of Medicine
11/19-	Associate Chair	Research Strategy and Oversight Department of Psychiatry and Behavioral Sciences Stanford University School of Medicine

STANFORD RESEARCH AFFILIATIONS

Wu Tsai Neurosciences Institute
Bio-X
Maternal & Child Health Research Institute (MCHRI)
Autism Center at Packard Children's Hospital

HONORS AND AWARDS

2023 Department of Psychiatry Chairman's Award for Advancing Science

2023- Fellow, American College of Neuropsychopharmacology
The College consists of leading brain scientists; membership is by election.

2019 Top 10 notable paper in autism research of 2019, SPECTRUM
This annual award is by peer nomination and selection; it recognizes the most important scientific papers published in the autism field each year.

2018-2022 Member, American College of Neuropsychopharmacology

2018 Top 10 notable paper in autism research of 2018, SPECTRUM

2017 Top 10 notable paper in autism research of 2017, SPECTRUM

2016 Kavli Fellow, U.S. National Academy of Sciences
The Kavli program honors scientific leaders under 45 years of age who have made significant contributions to their scientific field.

2016 Selected "Hot Topic" Speaker, American College of Neuropsychopharmacology
One of 12 abstracts selected from 804 (1.5%) College-wide for inclusion in the annual "Hot Topic" symposium.

2016-2017 Associate Member, American College of Neuropsychopharmacology

2015	George A. Miller Award, American Psychological Association This annual award recognizes the most outstanding article in general psychology.
2015	Distinguished Alumni Award, Naperville Central High School Awardees include a World Bank president, academicians, professional athletes, US government officials, journalists, and performing artists.
2012	McCormick Faculty Award This award recognizes Stanford faculty who advance women in medicine and medical research.
2007	NARSAD Young Investigator Award Provides support for "the most promising young scientists conducting neurobiological research."
2003-2006	NIMH Individual Postdoctoral NRSA recipient (F32 MH66537) Title: "Maternal availability and postnatal brain development" (Percentile: 0.7%)
2002-2006	Health Emotions Research Institute Scholar Award 7% of applicants selected to attend the Wisconsin Symposium on Emotion.
2001-2002	Stanford University School of Medicine Dean's Fellowship Competitive, merit-based school-wide award of $16,000.
2000	University of Michigan Distinguished Dissertation Award One of 9 dissertation theses selected from 650 university-wide.
2000	Department of Psychology Marquis Award One dissertation thesis selected from 50 department-wide.
1999	University of Michigan Outstanding Graduate Student Instructor Named one of 10 top teachers based on student recommendations, departmental nomination, and university-wide selection. Awarded for classroom excellence and creativity, promise of professional scholarship, and effective student mentoring.
1999	Department of Psychology Outstanding Graduate Student Instructor Award Two of 200 psychology graduate students selected for excellence in teaching.
1998-2000	NICHD Institutional Predoctoral NRSA recipient (T32 HD7048) Title: "Training Program in Reproductive Endocrinology" Fellowship administered through Reproductive Sciences Program, Department of Obstetrics and Gynecology, University of Michigan School of Medicine.
1995-1996	Social Science Research Council Fellowship Competitive two-year summer fellowship to study interdisciplinary biological research in Germany (1995) and the U.S.A. (1996).

1993-1994 Psi Chi National Honor Society and Chapter President
Selective national honor society for undergraduate psychology students.

INVITED NATIONAL AND INTERNATIONAL SCIENTIFIC WORKSHOPS, ADVISORY PANELS, AND GRANT REVIEW COMMITTEES

2022 Invited participant, "Toward an Autism Roadmap for Philanthropy: State of the Science Retreat", Coalition for Aligning Science, Baltimore, MD.

2018 Panel participant, "Revolutionizing Circuit-to-Behavior Analyses", National Institutes of Health Advisory Committee to the Director, Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative Working Group 2.0 Workshop #2, Chicago, IL.

2018 Planning committee member, "Transgenic and Chimeric Neuroscience Research: Exploring Opportunities Afforded by New Nonhuman Primate Models Workshop", National Academies of Sciences, Engineering, and Medicine, Washington, DC.

2018 Panel member, "Challenges in Assessing Nonhuman Primate Needs and Resources for Biomedical Research Expert Panel Forum", Division of Comparative Medicine, Office of Research Infrastructure Programs, Division of Program Coordination, Planning, and Strategic Initiatives, and Office of the Director, National Institutes of Health, Bethesda, MD.

2016 Panel member, "Loss of Skills and Onset Patterns in Neurodevelopmental Disorders: Understanding the Neurobiological Mechanisms", Office of Autism Research Coordination and National Institute of Mental Health, Bethesda, MD.

2015 Planning committee member, "Oxytocin in Intellectual and Developmental Disabilities: Research Gaps and Opportunities", National Institute of Child Health and Human Development, Rockville, MD.

2012-2018 Member, Biobehavioral Regulation, Learning and Ethology (BRLE) study section, National Institutes of Health

2012 Reviewer, Luxembourg National Research Fund (FNR), Luxembourg

2011 Member, Chimpanzee Biomedical Research Program National Center for Research Resources, National Institutes of Health Special Emphasis Panel

2011 Reviewer, Division of Integrative Organismal Systems (IOS), National Science Foundation

2009 Ad hoc member, Biobehavioral Regulation, Learning and Ethology (BRLE) study section, National Institutes of Health

2009 Reviewer, National Centre for the Replacement, Refinement and Reduction of Animals in Research (NC3Rs), Medical Research Council, United Kingdom

BOARD MEMBERSHIPS AND ADVISORY ROLES

2023- Executive advisory board member, Wisconsin National Primate Research Center

2022- Executive committee member, Simian Collective

2020- International advisory committee member, 14th World Congress on Neurohypophysial Hormones (WCNH)

2019- Editorial board member, *Comprehensive Psychoneuroendocrinology*

2019- Scientific advisor, Commission on Novel Technologies for Neurodevelopmental CNVs, Chan Zuckerberg Rare as One

2019- Faculty advisor, BrainMind

2013- Editorial board member, *Psychoneuroendocrinology*

LEADERSHIP TRAINING AND PROFESSIONAL DEVELOPMENT

2020 Stanford School of Engineering Faculty Entrepreneurial Leadership Program
Selective program for Stanford STEM faculty to gain the expertise required to translate research discoveries to commercial ventures.

2012-2013 Stanford School of Medicine Advanced Leadership Development Program
Selective advanced leadership development program targeted to train current leaders and high-potential emerging leaders in the School of Medicine.

2011-2012 Stanford School of Medicine Team Science Workshop Series
A program requiring departmental nomination that advances skills and leadership in team science management, effectiveness, innovation, and productivity.

2010-2011 Stanford School of Medicine Faculty Fellows Program
Selective leadership development program for faculty members with outstanding leadership potential and identified as future leaders in the School of Medicine.

2006 Woodhull Institute Young Women's Ethical Leadership Retreat
Professional development and leadership training program focused on honing negotiation, writing, public speaking, and financial literacy skills.

PROFESSIONAL SOCIETIES

American College of Neuropsychopharmacology (elected to fellow)
American Society of Primatologists
International Society for Autism Research
International Society of Psychoneuroendocrinology
Molecular Psychiatry
Simian Collective
Society for Neuroscience

AD HOC MANUSCRIPT REVIEWER

American Journal of Primatology, American Journal of Psychiatry, Animal Behaviour, Autism Research, Behavioral Ecology and Sociobiology, Behaviour, Behavioural Brain Research, Biological Psychiatry, BMC Neuroscience, Current Biology, Current Directions in Psychological Science, Developmental Psychobiology, Economics and Human Biology, eLife, Ethology, European Archives of Psychiatry and Clinical Neuroscience, European Psychiatry, F1000 Biology Reports, Frontiers in Behavioral Neuroscience, Hormones and Behavior, Institute for Laboratory Animal Research Journal, Journal of the American Medical Association, JAMA Psychiatry, Journal of Neuroendocrinology, Journal of Pediatrics, Journal of Psychiatric Research, Journal of Psychosomatic Research, Molecular Autism, Molecular Psychiatry, National Academies of Sciences, Engineering, and Medicine, Nature Neuroscience, Neuropsychopharmacology, Physiology and Behavior, PNAS, Proceedings of the Royal Society Series B, Psychiatry Research, Psychological Bulletin, Psychological Science, Psychoneuroendocrinology, Science Translational Medicine, Scientific Reports

SUBMITTED RESEARCH FUNDING

R01 MH133747 (MPIs: Perez, Spicer, Vieira; Sub-contract PI: Parker)
National Institutes of Health
"Neural mechanisms linking central, peripheral and exogenous oxytocin with postpartum depression and maternal caregiving"

U01 DA054372 (MPIs: Parker, Urban, Behr)
National Institutes of Health BRAIN Initiative
"Establishing an advanced transgenic platform to analyze the complex genetics of brain disorders"

CURRENT RESEARCH FUNDING

10/23- Truong-Tan Broadcom endowment (inaugural professor)

01/23-03/24 Foundation for Prader-Willi Syndrome Research (Co-PIs: Urban and Parker)
Private Foundation
"Preparatory studies to enable generation of a genetically engineered marmoset as a model system for Prader-Willi syndrome

09/22-08/24 The BRAIN Foundation (PI: Parker)
Private Foundation
"Biomarker discovery for autism detection and treatment"

07/21-06/24 W81XWH-21-1-0210 Idea Development Award (PI: Parker)
Department of Defense
"Brain neuropeptide signaling and autism spectrum disorder"

11/19-10/23 Wu Tsai Seed Grant Award (Co-PIs: Parker and Berger)
Stanford Wu Tsai Neurosciences Institute
"Quantifying audio-vocal affect in human social communication"

07/17-06/24 R01 HD091972 (Multiple PI mechanism: Parker and Hardan)
National Institutes of Health
"Intranasal Vasopressin Treatment for Social Deficits in Children with Autism"

COMPLETED RESEARCH FUNDING

12/15-11/21 R01 HD087048 (PI: Parker)
National Institutes of Health
"A Monkey Model of Naturally Occurring Social Impairments"

01/19-07/21 2020 Innovator Grants Program (PI: Parker)
Stanford Department of Psychiatry
"Mechanisms of arginine vasopressin signaling in iPSC-derived neurons"

05/21 Peter and Stacy Sullivan Foundation (PI: Parker)
Private Foundation

06/20 The Gupta Foundation (PI: Parker)
Private Foundation

10/18-09/20 SNI Research Accelerator Award (Co-I: Parker; PI: Soh)
Wu Tsai Neurosciences Institute
"Real-time Biosensors for Measuring Multiple Neuromodulators"

01/19-06/20 627146 SFARI Director's Award (PI: Parker)
The Simons Foundation
"Advancing a Monkey Model of Social Impairment"

08/15-07/19 342873 SFARI Research Award (PI: Parker)
The Simons Foundation
"Detecting and Treating Social Impairments in a Monkey Model"

10/18-02/19 SPARK Seed Grant (PI: Parker)
SPARK Translational Research Program
"Autism Detection in Cerebrospinal Fluid"

12/15-12/18 The Yani Calmidis Memorial Fund for Autism Research (PI: Parker)
Private Foundation

04/15-03/18 R21 HD083629 (PI: Parker)
National Institutes of Health
"Epigenetic Regulation of Social Impairments and Treatment Response in Autism"

01/17-12/17 CHRI New Idea Award (PI: Parker)
Child Health Research Institute, Lucile Packard Children's Hospital
"Biomarker Discovery in Children with Autism"

01/17-08/17 Veterans Administration funding (Co-PI: Parker, PI: Woodward)
National Center for PTSD
"Placebo-Controlled Study of the Effects of Oxytocin on Attentional Bias and Startle in PTSD"

02/17-08/17 SUMS Seed Grant (PI: Parker)
Stanford University
"Concurrent Quantitative Peptidomic Platform for Social Neuropeptides in Cerebrospinal Fluid"

10/15-09/17 SNI Seed Grant Award (Co-PIs: Parker and Urban)
Stanford Neurosciences Institute
"Creating an Advanced Transgenic Animal Model of Autism"

08/12-11/17 R01 NR13662 (Co-I: Parker; PI: Manber)
National Institutes of Health
"The Effectiveness of Non-Pharmacological Treatment for Perinatal Insomnia"

08/13-07/16 R21 MH100387 (Multiple PI mechanism: Parker and Hardan)
National Institutes of Health
"The Role of Vasopressin in the Social Deficits of Autism"

09/13-08/15 274472 SFARI Pilot award (PI: Parker)
The Simons Foundation
"Biomarker Discovery for Low Sociability: A Monkey Model"

09/13-09/15 R21 HD079095 (PI: Parker)
National Institutes of Health
"A Model of Naturally Occurring Low Social Functioning"

09/15-08/16 SUMS Seed Grant (PI: Parker)
Stanford University
"Biomarkers for Social and Cognitive Functioning in Children with and without Autism Spectrum Disorder"

02/13-01/14 CHRI Pilot Grant (Co-PI: Parker; PI: Hardan)
Child Health Research Institute, Lucile Packard Children's Hospital
"Randomized Controlled Trial of Vasopressin Treatment for Social Deficits in Children with Autism"

07/12-06/14 Weston Havens Foundation (PI: Parker)
Private Foundation
"CSF and Blood Biomarkers of Social Functioning in Autism"

02/12-01/14 CHRI Pilot Grant (PI: Parker)
Child Health Research Institute, Lucile Packard Children's Hospital
"Double-blind, Randomized, Placebo Controlled Trial of Oxytocin Treatment for Social Deficits in Children with Autism"

08/12-07/14 California National Primate Research Center (CNPRC) Pilot Award (PI: Parker)
CNPRC base grant (OD011107), National Institutes of Health
"The Role of Oxytocin Biology in Primate Social Impairments"

12/12-12/14 McCormick Faculty Award (PI: Parker)
Katherine D. McCormick Fund
"Oxytocin and Vasopressin: Potential Biomarkers of Social Functioning in Autism"

10/12-09/15 Bio-X Interdisciplinary Initiatives Program Award (PI: Parker)
Bio-X NeuroVenture Program
"Biomarkers of the Social Deficits of Children with Autism"

07/11-06/16 R01 HD67175 [Multiple PI mechanism: Maestripieri (U. of Chicago) and Parker]
National Institutes of Health
"Early Experience and Emotional Development in Free-ranging Primates"

07/10-12/17 Mosbacher Family Fund for Autism Research (PI: Parker)
Private Foundation

10/09-10/11 Pediatric Neurosciences Award (Co-PI: Parker; PI: Penn)
Lucile Packard Children's Hospital
"Connecting Oxytocin and Social Functioning in Human Infants"

08/08-07/10 93231 SFARI Pilot Award (PI: Parker)
The Simons Foundation
"Oxytocin Biology and the Social Deficits of Autism Spectrum Disorders"

07/07-06/12 R01 MH77884 (Co-I: Parker; PI: Lyons)
National Institutes of Health
"Neurobiology of Stress Inoculation"

07/07-06/09 Young Investigator Award (PI: Parker)
National Alliance for Research on Schizophrenia & Depression (NARSAD)
"Oxytocin, Stress, and HPA Axis Physiology"

04/03-03/06 F32 MH66537 (PI: Parker)
National Institutes of Health
"Maternal Availability and Postnatal Brain Development"

PATENTS

1. US20210260152A1: "Intranasal vasopressin treatment for social deficits in children with autism." Priority: 07/10/18; PCT: 07/10/19; Publication: 08/26/21; Status: pending.

2. US20210270851A1: "Methods for diagnosing and for determining severity of an autism spectrum disorder." Priority: 02/22/18; PCT: 02/21/19; Publication: 09/02/21; Status: pending.

FDA-APPROVED INVESTIGATIONAL NEW DRUG (IND)s

1. IND: #118327: "Intranasal Vasopressin Treatment in Children with Autism." Approved: 06/28/13-present. ClinicalTrials.gov Identifiers: NCT01962870; NCT03204786.

2. IND: #114664: "Intranasal Oxytocin Treatment for Social Deficits in Children with Autism." Approved: 03/15/12-present. ClinicalTrials.gov Identifier: NCT01624194.

SUBMITTED PEER REVIEWED RESEARCH ARTICLES
(4 total; # = Parker's mentee; *corresponding author)

1. Zhou B, Ho SS, Leung LC, Ward TR, Ho M, Plastini MJ, Vermilyea SC, Emborg ME, Golos TG, Albertelli MA, Mourrain P, Perrin D, **Parker KJ***, Urban AE*. Haplotype-phased *Callithrix jacchus* embryonic stem cell line for genome editing using CRISPR/Cas9. Under revision, *NAR Genomics and Bioinformatics*.

2. Oztan O#, Del Rosso LA, Simmons SM#, Nguyen D#, Talbot CF#, Garner JP, Capitanio JP & **Parker KJ***. Female rhesus monkeys: A tractable model for autism – or not? Submitted.

3. Clarke L# & Gesundheit N, Sherr EH, Hardan AY & **Parker KJ***. Vasopressin signaling abnormalities: A hypothesized driver of both social impairment and fluid imbalance in autism spectrum disorder. Submitted.

4. Coden KM#, Nguyen DKK#, Moorehead R, Stix-Brunell BE, Baker JN, **Parker KJ** & Garner JP*. Making bloodwork work: The impact of sample collection, processing, and storage on plasma glutathione measurement, and implications for translation. Submitted.

PUBLISHED PEER-REVIEWED RESEARCH ARTICLES
(77 total; # = Parker's mentee; * = corresponding author; § = co-first authors)
As of October 2023: Google scholar total citations = 9,166; h-index = 42

1. **Parker KJ*** (2023). Tales from the life and lab of a female social neuroscientist. *Comprehensive Psychoneuroendocrinology*, 16: 100202.

2. Garner JP*, Talbot CF#, Del Rosso LA, McCowan B, Kanthaswamy S, Haig D, Capitanio JP & **Parker KJ*** (2023). Rhesus macaque social functioning is paternally, but not maternally, inherited by sons: Potential implications for autism. *Molecular Autism*, 14(1): 25.

3. Tabak BA*, Leng G, Szeto A, **Parker KJ**, Verbalis JG, Ziegler TE, Lee MR, Neumann ID & Mendez AJ (2023). Advances in human oxytocin measurement: challenges and proposed solutions. *Molecular Psychiatry*, 28: 127-140.

4. Noufi C*, Berger J, **Parker KJ**, Bowling DL# (2023). Acoustically-driven phoneme removal that preserves vocal affective cues. *ICASSP 2023* – 2023 IEEE International Conference on Acoustic, Speech and Signal Processing), Rhodes Island, Greece, 1-5.

5. Talbot CF#*, Madrid JE#, Del Rosso LA, Capitanio JP, Garner JP & **Parker KJ*** (2022). Rhesus monkey sociality is stable across time and linked to variation in the initiation but not receipt of prosocial behavior. *American Journal of Primatology*, 84(12): e23442.

6. Woodward SH*, Jamison AL, Khan C, Gala S, Bhomick C, Villasenor D, Tamayo G, Puckett M & **Parker KJ** (2022)**.** Reading the Eyes in PTSD: Limited Moderation by a Service Dog. *Journal of Psychiatric Research*, 155: 320-330.

7. Oztan O#, Zyga O#, Stafford DE & **Parker KJ*** (2022). Linking oxytocin and arginine vasopressin signaling abnormalities to social behavior impairments in Prader-Willi syndrome. *Neuroscience and Biobehavioral Reviews*, 142: 104870.

8. Clarke L#, Zyga O#, Pineo-Cavanaugh PL#, Jeng M, Fischbein NJ, Partap S, Katznelson L & **Parker KJ*** (2022). Socio-behavioral dysfunction in disorders of hypothalamic-pituitary involvement: The potential role of disease-induced oxytocin and vasopressin signaling deficits. *Neuroscience and Biobehavioral Reviews*, 140: 104770.

9. **Parker KJ*** (2022). Leveraging a translational research approach to drive diagnostic and treatment advances for autism. *Molecular Psychiatry*, 27(6): 2650-2658.

10. Uljarević M*, Bott NT, Libove RA, Phillips JM, **Parker KJ** & Hardan AY (2022). Characterizing emotion recognition and theory of mind performance profiles in unaffected siblings of children with autism spectrum disorder. *Frontiers in Psychology*, 12:736324.

11. Itskovich E#**§**, Bowling DL#**§***, Garner JP & **Parker KJ*** (2022). Oxytocin and the social facilitation of placebo effects. *Molecular Psychiatry*, 27(6): 2640-2649.

12. Myers AK#, Talbot CF#, Del Rosso LA, Maness AC#, Simmons SM#, Garner JP, Capitanio JP & **Parker KJ*** (2021). Assessment of medical morbidities in a rhesus monkey model of naturally occurring low sociality. *Autism Research*, 14(7): 1332-1346.

13. Oztan O#, Talbot CF#, Argilli E, Maness AC#, Simmons SM#, Mohsin N#, Del Rosso LA, Garner JP, Sherr EH, Capitanio JP & **Parker KJ*** (2021). Autism-associated biomarkers: Test-retest reliability and relationship to quantitative social trait variation in rhesus monkeys. *Molecular Autism*, 12(1):50.

14. Yuan R, Nechvatal JM, Buckmaster CL, Ayash S, **Parker KJ**, Schatzberg AF, Lyons DM & Menon V (2021). Long-term effects of intermittent early life stress on primate prefrontal-subcortical functional connectivity. *Neuropsychopharmacology*, 46(7): 1348-1356.

15. Talbot CF#*, Maness AC#, Capitanio JP & **Parker KJ** (2021). The factor structure of the macaque Social Responsiveness Scale-Revised and its relationship to social behavior and personality dimensions. *American Journal of Primatology*, 83(5):e23234.

16. Itskovich E#, Zyga O#, Libove RA, Phillips JM, Garner JP & **Parker KJ*** (2021). Complex interplay between cognitive ability and social motivation in predicting social skill: A unique role for social motivation in children with autism. *Autism Research*, 14 (1): 86-92.

17. Oztan O#, Garner JP, Constantino JN & **Parker KJ*** (2020). Neonatal CSF vasopressin concentration predicts later medical record diagnoses of autism spectrum disorder. *Proceedings of the National Academy of Sciences*, 117(19): 10609-10613.

18. Talbot CF#, Garner JP, Maness AC#, McCowan B, Capitanio JP & **Parker KJ*** (2020). A psychometrically robust screening tool to rapidly identify socially impaired monkeys in the general population. *Autism Research,* 13(9): 1465-1475.

19. Madrid JE#*, **Parker KJ** & Ophir AG (2020). Variation, plasticity, and alternative mating tactics: Revisiting what we know about the socially monogamous prairie vole. *Advances in the Study of Behavior*, 52: 203-242.

20. **Parker KJ***, Oztan O#, Libove RA, Mohsin N#, Karhson DS#, Sumiyoshi RD#, Summers JE, Hinman KE, Motonaga KS, Phillips JM, Carson DS#, Fung LK, Garner JP & Hardan AY (2019). A randomized placebo-controlled pilot trial shows that intranasal vasopressin improves social deficits in children with autism. *Science Translational Medicine,* 11(491): eaau7356.

21. Mariscal MG#, Oztan O#, Rose SM#, Libove RA, Jackson LP#, Sumiyoshi RD#, Trujillo TH#, Carson DS#, Phillips JM, Garner JP, Hardan AY & **Parker KJ*** (2019). Blood oxytocin concentration predicts contagious yawning in children with autism spectrum disorder. *Autism Research*, 12(8): 1156-1161.

22. **Parker KJ***, Buckmaster CL, Hyde SA, Schatzberg AF & Lyons DM (2019). Nonlinear relationship between early life stress exposure and subsequent resilience in monkeys. *Scientific Reports*, 9(1): 16232.

23. Oztan O#, Garner JP, Partap S, Sherr EH, Hardan AY, Farmer C, Thurm A, Swedo SE & **Parker KJ*** (2018). Cerebrospinal fluid vasopressin and symptom severity in children with autism. *Annals of Neurology*, 84(4): 611-615.

24. **Parker KJ***, Garner JP, Oztan O#, Tarara ER, Li J, Sclafani V#, Del Rosso LA, Chun K, Berquist SW#, Chez MG, Partap S, Hardan AY, Sherr EH & Capitanio JP (2018). Arginine vasopressin in cerebrospinal fluid is a marker of sociality in nonhuman primates. *Science Translational Medicine*, 10(439): eaam9100.

25. Madrid JE#*, Mandalaywala TM, Coyne SP, Dallaire JA, Garner JP, Barr CS, Maestripieri D & **Parker KJ*** (2018). Adaptive developmental plasticity in rhesus macaques: the serotonin transporter gene interacts with maternal care to affect juvenile social behaviour. *Proceedings of the Royal Society B*, 285(1881): 20180541.

26. Karhson DS#*, Krasinska KM, Dallaire JA, Libove RA, Phillips JM, Chien AS, Garner JP, Hardan AY & **Parker KJ** (2018). Plasma anandamide concentrations are lower in children with autism spectrum disorder. *Molecular Autism*, 9:18.

27. Oztan O#*, Jackson LP#, Libove RL, Sumiyoshi RD#, Phillips JM, Garner JP, Hardan AY & **Parker KJ** (2018). Biomarker discovery for disease status and symptom severity in children with autism. *Psychoneuroendocrinology*, 89: 39-45.

28. Madrid JE#*, Oztan O#, Sclafani V#, Del Rosso LA, Calonder LA, Chun K, Capitanio JP, Garner JP & **Parker KJ*** **(**2017). Preference for novel faces in male infant monkeys predicts cerebrospinal fluid oxytocin concentrations later in life. *Scientific Reports,* 7(1): 12935.

29. **Parker KJ***, Oztan O#, Libove RA, Sumiyoshi RD#, Jackson LP#, Karhson DS#, Summers JE, Hinman K, Motonaga KS, Phillips JM, Carson DS#, Garner JP & Hardan AY (2017). Intranasal oxytocin treatment for social deficits and biomarkers of response in children with autism. *Proceedings of the National Academy of Sciences,* 114(30): 8119-8124.

30. Mandalaywala TM*, Petrullo LA, **Parker KJ**, Maestripieri D & Higham JP (2017). Vigilance for threat accounts for inter-individual variation in physiological responses to adversity in rhesus macaques: A Cognition x Environment approach. *Developmental Psychobiology*, 59(8): 1031-1038.

31. Sclafani V#*, Del Rosso LA, Seil SK, Calonder LA, Madrid JE#, Bone KJ, Sherr EH, Garner JP, Capitanio JP & **Parker KJ** (2016). Early predictors of impaired social functioning in male rhesus macaques (*Macaca mulatta*). *PLOS ONE,* 11(10): e0165401.

32. Karhson DS#*, Hardan AY & **Parker KJ** (2016). Endocannabinoid signaling in social functioning: An RDoC Perspective. *Translational Psychiatry*, 6(9):e905.

33. Petrullo LA*, Mandalaywala TM, **Parker KJ**, Maestripieri D & Higham JP (2016). Effects of early life adversity on cortisol/salivary alpha-amylase symmetry in free-ranging juvenile rhesus macaques. *Hormones and Behavior*, 86: 78-84.

34. Buckmaster CL*, Hyde SA, **Parker KJ** & Lyons DM (2015). Cup tool use by squirrel monkeys. *American Journal of Primatology*, 77(12): 1323-1332.

35. Carson DS#, Garner JP, Hyde SA, Libove RL, Berquist SB#, Hornbeak KB#, Jackson LP#, Sumiyoshi RD#, Howerton CL, Hannah SL, Partap S, Phillips JM, Hardan AY & **Parker KJ*** (2015). Arginine vasopressin is a blood-based biomarker of social functioning in children with autism. *PLOS ONE*, 10(7): e0132224.

36. Carson DS#*, Berquist SB#, Trujillo T#, Garner JP, Hannah S, Hyde SA, Sumiyoshi R#, Jackson L#, Moss JK#, Strehlow MC, Cheshier SH, Partap S, Hardan AY & **Parker KJ*** (2015). Cerebrospinal fluid and plasma oxytocin concentrations are positively correlated and negatively predict anxiety in children. *Molecular Psychiatry*, 20(9): 1085-1090.

37. Coyne SP*, Lindell SG, Clemente J, Barr CS, **Parker KJ** & Maestripieri D (2015). Dopamine D4 receptor genotype variation in free-ranging rhesus macaques and its association with juvenile behavior. *Behavioural Brain Research*, 292: 50-55.

38. **Parker KJ***, Garner JP, Libove RA, Hyde SA, Hornbeak KB#, Carson DS#, Liao CP, Phillips JM, Hallmayer JF & Hardan AY (2014). Plasma oxytocin concentrations and *OXTR* polymorphisms predict social impairments in children with and without autism spectrum disorder. *Proceedings of the National Academy of Sciences*, 111 (33): 12258-12263.

39. Carson DS#*, Howerton CL, Garner JP, Hyde SA, Clark CL, Hardan AY, Penn AA & **Parker KJ*** (2014). Plasma vasopressin concentrations positively predict cerebrospinal fluid vasopressin concentrations in human neonates. *Peptides*, 61: 12-16.

40. Mandalaywala TM*, Higham JP, Heistermann M, **Parker KJ** & Maestripieri D (2014). Physiological and behavioural responses to weaning conflict in free-ranging primate infants. *Animal Behaviour*, 97: 241-247.

41. Mandalaywala TM*, **Parker KJ** & Maestripieri D (2014). Early experience affects the strength of vigilance for threat in rhesus monkey infants. *Psychological Science*, 25 (10): 1893-1902.

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PUBLISHED ABSTRACTS (HARDCOPY OR ONLINE) (72 total; excludes undergraduate student abstracts for Stanford-based fellowship and honors thesis presentations)

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2. Minassians LA#, Libove RA, Hardan AY, **Parker KJ** & Uljarevic M (2023). Characterizing the nature of the relationship between oxytocin and social functioning in children with autism spectrum disorder. 6th International Medical Congress of Armenia, Yerevan, Armenia.

3. Talbot CF#, Oztan O#, Simmons SMV#, Trainor C#, Ceniceros LC#, Nguyen DK#, Del Rosso LA, Garner JP, Capitanio JP & **Parker KJ** (2023). Nebulized vasopressin improves social cognition. International Conference on Comparative Cognition, 30th Annual Meeting, Melbourne, FL.

4. Bowling D#, Camille N, Frank M, Berger J, Parker K (2022). Evaluating affect perception with speech and speech-derived "music". Society for Music Perception and Cognition, 17th Annual Meeting, Portland, OR.

5. Coden KM#, Geronimo JT, **Parker KJ** & Garner JP (2022). Investigating the relationship between antioxidant capacity and stereotypy in mice. International Behavioral Neuroscience Society, 31st Annual Meeting, Glasgow, Scotland, UK.

6. Oztan O, Garner JP & **Parker KJ** (2022). Identifying Cerebrospinal Fluid Protein Biomarkers of Autism Spectrum Disorder. Molecular Psychiatry, 7th Annual Meeting, Maui, HI.

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8. **Parker KJ** (2020). Advancing autism spectrum disorder detection and treatment: A translational approach. AACAP 2020 Virtual Meeting.

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11. Talbot CF#, Garner JP, Maness AC#, McCowan B, Capitanio JP & **Parker KJ** (2019). Low-social male monkeys exhibit greater social impairments on the macaque Social Responsiveness Scale (mSRS). Ettore Majorana Erice Centre. Sicily, Italy.

12. Oztan O#, Garner JP, Partap S, Sherr EH, Hardan AY, Farmer C, Thurm A, Swedo SE & **Parker KJ** (2018). Cerebrospinal fluid vasopressin, diagnostic classification, and symptom severity in children with autism. Abstract Society for Neuroscience, 368.08.

13. Oztan O#, Garner JP, Partap S, Sherr EH, Hardan AY, Farmer C, Thurm A, Swedo SE & **Parker KJ** (2018). Cerebrospinal fluid vasopressin concentration differentiates cases and controls and predicts symptom severity in children with autism. Molecular Psychiatry, 6th Annual Meeting, Kauai, HI.

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16. Madrid JE#, Oztan O#, Sclafani V#, Del Rosso LA, Calonder LA, Chun K, Capitanio JP, Garner JP & **Parker KJ** (2017). Face recognition ability in male infants predicts cerebrospinal fluid oxytocin concentrations later in life. Abstract Society for Neuroscience, 643.08.

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27. Sclafani V#, Del Rosso L, Calonder L, Sherr EH, Capitanio JP & **Parker KJ** (2015). Early predictors of sociability in rhesus macaques (*Macaca mulatta*). *American Journal of Primatology*, 77 (S1): 76-77.

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35. Madrid JE, Mandalaywala TM, Coyne SP, Garner JP, Barr CS, Maestripieri D & **Parker KJ** (2014). Serotonin transporter and maternal care: A sex-specific GxE effect on juvenile social play in rhesus macaques (Macaca mulatta). Animal Behaviour Society, 51st Annual Meeting, Princeton, NJ.

36. Carson DS, Howerton CL, Garner JP, Libove RA, Hyde SA, Phillips JM, Penn AA, Hardan AY & **Parker KJ** (2014). Plasma vasopressin concentrations predict CSF vasopressin concentrations in human neonates and are associated with social functioning in children with autism. International Meeting for Autism Research, 13th Annual Meeting, Atlanta, GA.

37. Carson DS, Howerton CL, Garner JP, Libove RA, Hyde SA, Phillips JM, Hardan AY & **Parker KJ** (2014). Plasma vasopressin levels positively predict social cognition in children with autism spectrum disorder but not in siblings of probands or healthy controls. *Biological Psychiatry*, 75(9): 255S-256S.

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44. Buckmaster CL, Hyde SA, **Parker KJ** & Lyons DM (2012). Spontaneous tool-use by captive born squirrel monkeys (Saimiri sciureus sciureus). *American Journal of Primatology*, 74: 39.

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51. Libove RA, Phillips JM, **Parker KJ** & Hardan AY (2011). Associations between repetitive behaviors and anxiety symptoms in children with autism spectrum disorders. International Meeting for Autism Research, 10th Annual Meeting. San Diego, CA.

52. Scollin E, Thompson SE, Libove RA, Phillips JM, **Parker KJ** & Hardan AY (2011). Social cognitive differences among children on the autism spectrum. International Meeting for Autism Research, 10th Annual Meeting. San Diego, CA.

53. Obukhanych TV, Tirouvanziam R, Laval J, Aronov PA, Libove RA, Goswami A, **Parker KJ**, O'Hara R, Herzenberg L, Herzenberg L & Hardan AY (2011). Distinct profile of glutamate, leucine, and polar neutral amino acids in children with autism spectrum disorders. International Meeting for Autism Research, 10th Annual Meeting. San Diego, CA.

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58. Lyons DM, **Parker KJ**, Katz M & Schatzberg AF (2009). Stress inoculation-induced adaptations in prefrontal development. *Abstract Society for Neuroscience*, 102.6.

59. Thompson RJ, **Parker KJ**, Hallmayer JF & Gotlib IH (2009). Oxytocin receptor gene interacts with familial risk for psychopathology to predict symptoms of anxiety and depression in adolescent girls. Society for Research in Psychopathology, 23rd Annual Meeting. Minneapolis, MN.

60. **Parker KJ**, Buckmaster CL, Sundlass K, Schatzberg AF & Lyons DM (2005). The roles of maternal care and stress inoculation in the development of primate stress resistance. American Neuroendocrine Society, 9th Annual Meeting. San Diego, CA.

61. Lyons DM, **Parker KJ**, Zeitzer JM, Buckmaster CL & Schatzberg AF (2005). Hippocampal volume variation and stress-related psychopathology. *Abstract Society for Neuroscience*, 243.3.

62. Lyons DM, **Parker KJ**, Katz M, Buckmaster CL & Schatzberg AF (2005). Neural substrates of stress inoculation determined in vivo by brain imaging in monkeys. *Neuropsychopharmacology*, 30 (Suppl): S59-60.

63. Lyons DM, **Parker KJ**, Buckmaster CL, Zeitzer JM & Schatzberg AF (2004). Postnatal programming of the hypothalamic-pituitary-adrenal stress response. *Abstract Society for Neuroscience*, 662.21.

64. **Parker KJ**, Buckmaster CL, Schatzberg AF & Lyons DM (2003). Early environmental programming of HPA physiology and emotional reactivity: A primate model. *Hormones and Behavior*, 44(1): 68.

65. **Parker KJ**, Buckmaster CL, Schatzberg AF & Lyons DM (2003). Rearing-related differences in primate HPA physiology, socioemotional behavior, and cognitive performance. *Abstract Society for Neuroscience*, 660.5.

66. Zeitzer JM, Buckmaster CL, **Parker KJ**, Hauck CM, Lyons DM & Mignot E (2002). Diurnal variation of hypocretin-1 in the cisternal cerebrospinal fluid of a diurnal sleep-consolidating primate, *Saimiri sciureus*. Society for Research on Biological Rhythms, 8thAnnual Meeting. Amelia Island, FL.

67. **Parker KJ** (2000). The behavioral neurobiology of affiliation and paternal care in *Microtus pennsylvanicus* (meadow voles). *Dissertation Abstracts International: Section B: The Sciences and Engineering*, 61(10-B): 5615.

68. **Parker KJ** & Lee TM (1999). The role of photoperiod and vasopressin in the onset of paternal behavior in the meadow vole. Society for Behavioral Neuroendocrinology, 3rd Annual Meeting. Charlottesville, VA.

69. **Parker KJ** & Lee TM (1998). Development of paternal behavior in the meadow vole. Society for Behavioral Neuroendocrinology, 2nd Annual Meeting. Atlanta, GA.

70. **Parker KJ** & Lee TM (1997). Duration of cohabitation and photoperiodic effects on mating and parental behavior in *Microtus pennsylvanicus* (meadow vole). Society for Behavioral Neuroendocrinology, 1st Annual Meeting. Baltimore, MD.

71. Washington JA, Craig HK & **Parker KJ** (1992). Characterizing the Black English of low-income African American preschoolers. American-Speech-Hearing-Language Association, 57th Annual Convention. San Antonio, TX.

72. Craig HK, Washington JA & **Parker KJ** (1992). BE-dialect versus preschool language disorder: A complex syntax approach. American-Speech-Hearing-Language Association, 57th Annual Convention. San Antonio, TX.

CONFERENCES ORGANIZED

2023 Organizer, "Inaugural Major Laboratories Scientific Retreat", Stanford Department of Psychiatry. Palo Alto, CA

2020 Organizer, "Major Laboratories Faculty Retreat", Stanford Department of Psychiatry. Palo Alto, CA

NATIONAL AND INTERNATIONAL CONFERENCE SYMPOSIUM CHAIR

2019 Chair, "The Molecular Genetics of Neurodevelopmental Disorders: Insights from Diverse Animal Models", American College of Neuropsychopharmacology, 58th Annual Meeting. Orlando, FL.

2018 Co-Chair, "Neuropsychopharmacology of Social Behaviors: Important Lessons from Non-Traditional Animal Models", American College of Neuropsychopharmacology, 57th Annual Meeting. Hollywood, FL.

2016 Chair, "Neuropeptides and Social Cognition: Animal Models to Patients with Social Deficit Disorders", Molecular Psychiatry, 4th Annual Meeting. Maui, HI.

2007 Chair, "Psychobiology of Resilience", Society for Behavioral Neuroendocrinology (SBN), 11th Annual Meeting. Pacific Grove, CA.

INVITED INTERNATIONAL AND NATIONAL SYMPOSIUM SPEAKER

(Including Grand Rounds and Presidential Symposia)

2023 "Synchrony 2023: From Bench to Biopharma", The Brain Foundation. Pacific Grove, CA.

2023 "Integrated approaches towards the translation of neuropeptides into novel therapies for mental disorders." CINP World Congress of Neuropsychopharmacology, 34th Annual Meeting. Montreal, Quebec.

2023 Montreal Neurological Institute-Hospital (MNI) Seminar. Montreal, Quebec.

2023 Biomedical Sciences Seminar Series, University of California, San Francisco. San Francisco, CA.

2022 Keynote speaker, "Communicating How, When and Why Large Animals are Essential for Research", Webinar co-sponsored by the American Physiological Society, Americans for Medical Progress, North American 3Rs Collaboratives, Tecniplast

2022 Psychiatry Grand Rounds, Icahn School of Medicine at Mount Sinai. New York, New York.

2022 The Deutsches Primatenzentrum GmbH/German Primate Center Colloquium Series. Göttingen, Germany.

2022 International Society for Autism Research (INSAR). Austin, TX.

2022 The Simian Collective, Salk Institute. La Jolla, CA.

2021 "Symposium on Severe Mental Illness: On the Frontier of Translational Neuroscience." Stanley Center for Psychiatric Research, Broad Institute of MIT and Harvard. Cambridge, MA. [Virtual format due to COVID-19]

2021 "Synchrony 2021: From Bench to Biopharma", The Brain Foundation. Livestreamed. [Virtual format due to COVID-19]

2021 British Association for Psychopharmacology, Summer Meeting 2021. London, England. [Virtual format due to COVID-19]

2020 American Academy of Child and Adolescent Psychiatry, 61st Annual Meeting. San Francisco, CA. [Virtual format due to COVID-19]

2020 The MIND Institute Research Seminar Series. Davis, CA. [Virtual format due to COVID-19]

2020 Simons Foundation 12th Annual Investigator Meeting. New York, NY. [Virtual format due to COVID-19]

2019 Psychiatry Grand Rounds, University of Wisconsin. Madison, WI.

2019 BrainMind Summit Fall 2019, hosted at Stanford University. Palo Alto, CA.

2019 "The Future of Neuroscience and Funding: Angel, Impact, and Philanthropy" hosted by BrainMind and IndieBio. San Francisco, CA.

2019 Oppenheimer Biotech Emerging Science Summit. Menlo Park, CA.

2019 Max Planck Institute Seminar Series. Leipzig, Germany.

2019 BrainMind Summit Spring 2019, hosted at MIT. Cambridge, MA.

2018 Mahoney Institute for Neurosciences Seminar Series, University of Pennsylvania. Philadelphia, PA.

2018 BrainMind Summit Fall 2018, hosted at Stanford University. Palo Alto, CA.

2018 "Revolutionizing Circuit-to-Behavior Analyses", NIH Advisory Committee to the Director, Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative Working Group 2.0 Workshop #2, hosted at the University of Chicago. Chicago, IL.

2018 "Transgenic and Chimeric Neuroscience Research: Exploring Opportunities Afforded by New Nonhuman Primate Models Workshop", National Academies of Sciences, Engineering, and Medicine. Washington, DC.

2018 "Understanding the Neuroregulatory Actions of Oxytocin and its Potential Clinical Applications", Ettore Majorana Erice Centre. Sicily, Italy.

2017 "Revisiting Core Concepts in Autism with New Tools", CIFAR Research Workshop at Harvard University. Cambridge, MA.

2017 PHENO Workshop "Promoting Translational Approaches to Treat Neuropsychiatric Diseases", ICM-Hôpital Pitié-Salpêtrière. Paris, France.

2017 International Meeting for Autism Research, 16th Annual Meeting. San Francisco, CA.

2017 The Poitras Center and Stanley Center Translational Neuroscience Joint Seminar Series, the McGovern Institute and the Broad Institute of MIT and Harvard. Cambridge, MA.

2017 California National Primate Research Center North Colony Symposium. Davis, CA.

2017 Simons Foundation 9th Annual Investigator Meeting. New York, NY.

2016 Sackler Institute, Weill Medical College at Cornell University. New York, NY.

2016 "Hot Topic" Session, American College of Neuropsychopharmacology, 55th Annual Meeting. Hollywood, FL.

2016 Brain Health Institute Seminar, Rutgers University. Piscataway, NJ.

2016 "Neuroscience of The Social Brain", 4th Annual Neuroscience Symposium at Kent State University. Kent, OH.

2016 "Loss of Skills and Onset Patterns in Neurodevelopmental Disorders: Understanding the Neurobiological Mechanisms", OARC and NIMH workshop. Bethesda, MD.

2016 Molecular Psychiatry, 4th Annual Meeting. Maui, HI.

2016 International Consortium of Disorders of the Corpus Callosum and Cerebral Connectivity, 2nd Annual Meeting, held at UCSF. San Francisco, CA.

2016 Department of Physiology and Pharmacology Seminar Series, Wake Forest University School of Medicine. Winston-Salem, NC.

2015 Oregon Center for Autism and Department of Behavioral Neuroscience Seminar, Oregon Health & Science University (2015). Portland, OR.

2015 Psychology Department Colloquium Series, Columbia University. New York, NY.

2015 Duke Institute for Brain Sciences and Duke Center for Autism and Brain Development Colloquium, Duke University. Durham, NC.

2015 Yerkes Center for Translational Social Neuroscience Seminar, Emory University. Atlanta, GA.

2015 "Oxytocin in intellectual and developmental disabilities: Research gaps and opportunities", NICHD workshop. Rockville, MD.

2015 Biological Psychology Colloquium Series, University of California, Davis. Davis, CA.

2015 Laboratory of Comparative Ethology Seminar, NIH (2015). Poolesville, MD.

2014 Brain, Mind, Behavior Unit Seminar Series, California National Primate Research Center. Davis, CA.

2014 American Academy of Child and Adolescent Psychiatry, 61st Annual Meeting. San Diego, CA.

2014 Simons Foundation 6th Annual Investigator Meeting. New York, NY.

2014 Center for Neurobehavioral Development Colloquium Series, University of Minnesota. Minneapolis, MN.

2014 Institute of Child Development Colloquium Series, University of Minnesota. Minneapolis, MN.

2014 American College of Neuropsychopharmacology, 53rd Annual Meeting. Phoenix, AZ.

2013 NIMH Interdisciplinary Developmental Science Center ("Early Experience, Stress, and Neurobehavioral Development"). Los Angeles, CA.

2013 Psychiatry Grand Rounds, University of Wisconsin. Madison, WI.

2012 Plenary speaker, The 35th Annual meeting of the American Society of Primatologists. Sacramento, CA.

2012 Program in Neuroscience and Cognitive Science, University of Maryland. College Park, MD.

2012 Presidential Symposium, ISPNE, 43rd Annual Meeting. New York, NY.

2010 The 2nd Symposium on Developmental Psychopathology. Herzliya, Israel.

2010 Grand Rounds, Mazra Psychiatric Hospital. Akko, Israel.

2010 Early Life Meeting, Center for Advanced Studies in the Behavioral Sciences. Palo Alto, CA.

2009 Department of Psychology, University of California at Davis. Davis, CA.

2009 ISPNE, 40th Annual Meeting. San Francisco, CA.

2008 Department of Psychology and Human Early Learning Partnership (HELP), University of British Columbia. Vancouver, BC.

2007 International Society for Developmental Psychobiology (ISDP), 40th Annual Meeting. San Diego, CA.

2007 Society for Behavioral Neuroendocrinology (SBN), 11th Annual Meeting (panel organizer and speaker). Pacific Grove, CA.

2007 Animal Behavior Colloquia Series, University of Chicago. Hyde Park, IL.

2006 Conservation and Research for Endangered Species Seminar Series, Zoological Society of San Diego. Escondido, CA.

2006 International Society of Psychoneuroendocrinology (ISPNE), 37th Annual Meeting. Leiden, The Netherlands.

2005 The Institute for Social Research's Evolution and Human Adaptation Program, University of Michigan. Ann Arbor, MI.

2005 Neuropsychiatric Institute, UCLA. Westwood, CA.

2005 Department of Psychology, University of Pennsylvania. Philadelphia, PA.

2005 Departments of Neuroscience and Psychiatry, Baylor College of Medicine. Houston, TX.

2005 Department of Psychiatry, McGill. Montreal, Quebec.

2004 Law, Behavior and the Brain Conference. The Gruter Institute for Law and Behavioral Research. Squaw Valley, CA.

2003 Sensory Systems and Judgment in the Law Conference, The Gruter Institute for Law and Behavioral Research. Squaw Valley, CA.

2003 The Society for Neuroscience (SFN), 33rd Annual Meeting. New Orleans, LA.

2003 Department of Psychology, University of California San Diego. La Jolla, CA.

1996 The Mating and Parental Care Symposium. Ann Arbor, MI.

1995 The Mating and Parental Care Symposium, Center for Interdisciplinary Research (ZiF). Beilefeld, Germany.

1994 The Human Behavior and Evolution Society, 6th Annual Meeting. Ann Arbor, MI.

INVITED INTERNATIONAL AND NATIONAL PANELIST/MODERATOR

2023 Panelist, "Biomarkers", The BRAIN Foundation Annual Synchrony Symposium 2023. Pacific Grove, CA.

2023 Moderator, The Simian Collective, hosted by University of Chicago. Chicago, IL.

2022 Panelist, "Biomarkers to Guide Diagnosis and Treatment", The BRAIN Foundation Annual Synchrony Symposium 2022. Pleasanton, CA.

2019 Panelist, BrainMind Summit Fall 2019, hosted at Stanford University. Palo Alto, CA.

2018 Panelist, "Challenges in Assessing Nonhuman Primate Needs and Resources for Biomedical Research Expert Panel Forum", NIH expert panel. Bethesda, MD.

INVITED INSTITUTIONAL SYMPOSIUM/PANEL SPEAKER
[Symposium speaker unless otherwise noted]

2022 Department of Comparative Medicine Seminar Series, Stanford University, Palo Alto, CA.

2022 Grand Rounds moderator and speaker, "Designing translational research for clinical impact: A basic scientist and clinician in dialogue about stress-related mood and anxiety disorders" (AF Schatzberg, DM Lyons, KJ Parker), Department of Psychiatry, Stanford University, Palo Alto, CA.

2021 Grand Rounds speaker and panelist, "Designing translational research for clinical impact: A basic scientist and clinician in dialogue about autism" (AY Hardan, KJ Parker, V Menon), Department of Psychiatry, Stanford University, Palo Alto, CA.

2020 Wu Tsai Neurosciences Institute 2020 Symposium: Pioneering NeuroHealth, Stanford University. Palo Alto, CA. [Virtual format due to COVID-19]

2020 Workshop speaker and panelist, Department of Psychiatry and Behavioral Sciences Faculty Promotion Workshop, Stanford University. Palo Alto, CA.

2020 Stanford Medicine Leadership Retreat. Half Moon Bay, CA.

2020 Breakout room host and panelist, "Stanford Frontiers in Medicine Mental Health and Wellbeing: COVID-19 and other highly stressful events impact on the brain, individuals, families, and communities", Stanford University School of Medicine, Palo Alto CA. [Virtual format due to COVID-19]

2020 Panelist, Department of Psychiatry and Behavioral Sciences Diversity and Inclusion Seminar Series, "It's on Us: How Faculty, Staff, and Trainees Can Change the Script on Sexual Harassment and Assault at Stanford", Stanford University. Palo Alto, CA.

2020 Grand Rounds speaker and panelist, "Rodent, Primate, and iPSC Models of Human Psychiatric Disorders" (KJ Parker, AE Urban, RC Malenka), Department of Psychiatry, Stanford University, Palo Alto, CA.

2019 SPARK Translational Research Program, Stanford University. Palo Alto, CA.

2018 SPARK Translational Research Program, Stanford University. Palo Alto, CA.

2018 Grand Rounds, Department of Psychiatry, Stanford University. Palo Alto, CA.

2016 The Early Life Stress and Pediatric Program Seminar Series. Palo Alto, CA.

2016 Division of Child and Adolescent Psychiatry, Stanford University. Palo Alto, CA.

2014 Bio-X Interdisciplinary Initiatives Symposium. Palo Alto, CA.

2013 First Annual Department of Comparative Medicine Research Day. Palo Alto, CA.

2013 Lucile Packard Foundation Development event. Hillsborough, CA.

2012 "Great Minds" Speaker Series. Stanford University School of Law. Palo Alto, CA.

2012 Lucile Packard Foundation Development event. Atherton, CA.

2011 Speaker and panelist for the Stanford Society of Physician Scholars, Stanford University School of Medicine. Palo Alto, CA.

2010 Stanford University Office of Medical Development event. Atherton, CA.

2005 Department of Psychiatry, Stanford University. Palo Alto, CA.

2004 Department of Psychology, Stanford University. Palo Alto, CA.

2000 Department of Psychology, University of Michigan. Ann Arbor, MI.

2000 Reproductive Sciences Program, University of Michigan. Ann Arbor, MI.

1999 Reproductive Sciences Program, University of Michigan. Ann Arbor, MI.

NATIONAL AND INTERNATIONAL SERVICE

2021- Member, Constitution and Rules Committee, American College of Neuropsychopharmacology.

2019 Chair, Animal Research Committee, American College of Neuropsychopharmacology.

2018-2022 Member, Committee on Animals in Research, Society for Neuroscience.

2018 Co-Chair, Animal Research Committee, American College of Neuropsychopharmacology.

2017-2019 Member, Women's Task Force, American College of Neuropsychopharmacology.

2017-2020 Member, Animal Research Committee, American College of Neuropsychopharmacology.

2013 American Psychological Association (APA) Distinguished Scientific Award for an Early Career Contribution to Psychology Selection Committee, APA.

2009- Advisor to One Child Africa
A nonprofit organization that raises international awareness, develops educational programs, and conducts research to develop better care practices for severely traumatized children in Sub-Saharan Africa exposed to the HIV/AIDS pandemic.

INSTITUTIONAL SERVICE

2023- Department of Psychiatry Space Allocation Committee, Stanford University

2023- School of Medicine Office of Academic Affairs Faculty Mentoring Committee, Stanford University

2022- School of Medicine Physician Scientist Training Program Admissions Interview Committee, Stanford University

2022- Department of Psychiatry Grand Rounds/Continuing Medical Education (CME) Committee, Stanford University

2021- Stanford Office of Community Standards Judicial Panelist, Stanford University
Panelists are nominated by the Faculty Senate to serve in a judicial pool where they hear alleged violations of the Honor Code and the Fundamental Standard as part of Stanford's internal accountability process.

2021- Department of Psychiatry Grand Rounds "In dialogue" Series, Stanford University.
Developed speaker series in which a scientist and a clinician have a moderated dialogue on a specific topic with the goal of streamlining translation and clinical impact (e.g., autism, stress-related mood and anxiety disorders, substance abuse, machine learning, sleep).

2021-2022 Department of Comparative Medicine Clinical Pathology Faculty Search Committee, Stanford University

2020- Department of Psychiatry Appointments and Promotions Committee, Stanford University.
Review and assess the academic credentials for initial appointment, reappointment, or promotion of faculty.

2020- Department of Psychiatry Research Finance Committee, Stanford University.
Review and assess research finance needs for the department.

2020-2023 Wu Tsai Neurosciences Institute Scanner Faculty Oversight Committee, Stanford University.
Review and approve policies related to the new Wu Tsai 7T MRI Service Center.

2020-2021 Chair, Department of Psychiatry COVID-19 Subcommittee for Research (Co-Chair: David Hong), Stanford University.
Review and make recommendations on departmental essential research activities and PI plans (N=120 PIs) to resume research during the SARS-CoV-2 pandemic.

2019- Wu Tsai Neurosciences Institute Seed Grant Review Committee, Stanford University
Review grant applications from Stanford faculty members and make funding recommendations to support innovative, interdisciplinary research projects.

2018-2020 Neurosciences PhD Admissions Screening Committee, Stanford University.
Screened applications from prospective PhD students and made recommendations for full application review to the Neurosciences PhD Admissions Committee.

2018-2021 Undergraduate Program in Human Biology Awards Committee, Stanford University.

2018 Reviewer, Bio-X Graduate Student Fellowships, Stanford University.
Review applications and make funding recommendations to support doctoral candidates in the pursuit of interdisciplinary biosciences training.

2017-2021 Annual Department Chairman's Awards Committee, Stanford University.
Solicit and recommend nominations to Department Chair to honor faculty for excellence in advancing science, clinical innovation, community commitment and engagement, and leadership in the Department of Psychiatry.

2015-2018 Sammy Kuo Prizes in Neuroscience Selection Committee, Stanford University.
Review nominated published research articles authored by Stanford University PhD students and select an annual awardee.

2014 Stanford Neurosciences Institute Interdisciplinary Scholars Awards Review Committee, Stanford University
Reviewed applications and made funding recommendations for grant proposals submitted by postdoctoral research fellows to support research activities focused on clinical and basic neurosciences.

2014-2016 School of Medicine Faculty Senate Representative for the Department of Psychiatry and Behavioral Sciences, Stanford University.

2014-2018 Stanford Neurosciences Institute Program Committee, Stanford University. Provided administrative oversight for all aspects of graduate training.

2014 Reviewer, Child Health Research Institute MD Fellowships, Stanford University Reviewed applications and made funding recommendations for grant proposals submitted by clinical fellows to support PGY5-PGY6 research activities focused on child health research.

2014 Stanford Neurosciences Initiative Building Planning and Core Facilities Concepts Committee, Stanford University.

2013 School of Medicine Space Master Plan Subcommittee, Stanford University

2010-2011 Faculty Women's Forum Steering Committee, Stanford University
Planned programs that provided information and organized events to promote the success of women faculty university-wide.

2010-2012 Neuroscience Graduate Program Curriculum Committee, Stanford University
Review and create policies related to graduate course work and curriculum.

2009 Department of Psychiatry Chair Search Subcommittee, Stanford University

2009- Reviewer, Medical Scholars Research Program, Stanford University
Review research applications, interview candidates, and make funding recommendations for grant proposals submitted by medical students in the Neuroscience, Behavior & Cognition Scholarly Concentration.

2007- Ad hoc evaluation of doctoral, postdoctoral, residency, and medical fellow applicants, Stanford University
Interview and provide written evaluations of applicants for suitability for admission to various Stanford University training programs.

2007-2011 Neurosciences PhD Program Admissions Committee, Stanford University
Reviewed applications, interviewed candidates, and admitted doctoral students to the Stanford University Neurosciences Program.

1998-2000 Reproductive Sciences Executive Training Committee, University of Michigan
Reviewed applications, interviewed candidates, and admitted doctoral and post-doctoral trainees to a National Institutes of Health training program.

1996-1998 Psychology Graduate Committee, University of Michigan
Reviewed and created policies related to graduate course work, funding packages, curriculum, fellowship applications, and preliminary examination formats.

1996-1998 Departmental Associate, Psychology Department, University of Michigan
Appointed position with faculty voting status. Attended executive faculty meetings and served as a liaison between students and faculty.

STANFORD TEACHING AFFILIATIONS

Undergraduate Program in Human Biology
Neurosciences Ph.D. Graduate Program
Physician Scientist Training Program
Comparative Medicine Master of Laboratory Animal Science Program
T32 Comparative Medicine Biosciences Training Program (PI: Paul Buckmaster)
T32 Research Training for Child Psychiatry and Neurodevelopment (PI: Allan Reiss)
T35 Research Opportunities in Comparative Medicine (PI: Paul Buckmaster)

INVITED MEDICAL, SCIENTIFIC, AND COMMUNITY EDUCATION SPEAKER

2023 Stanford Neurodiversity Project Research, Education, and Advocacy Camp for High Schoolers. Online course. Two lectures.

2022 Stanford Neurodiversity Project Research, Education, and Advocacy Camp for High Schoolers. Online course. Two lectures.

2020 Stanford Neurodiversity Project Research, Education, and Advocacy Camp for High Schoolers. Online course.

2020 Featured speaker, Bay Area Autism Consortium (BAAC) Annual Autism Research Symposium. Redwood City, CA.

2018 Bay Area Affective Science 2018 Meeting, hosted by Stanford University. Palo Alto, CA.

2016 The 9th Annual Stanford Autism Spectrum Disorders Conference. Palo Alto, CA.

2016 15th Annual Developmental Disabilities: An Update for Health Professionals, University of California, San Francisco (UCSF). San Francisco, CA.

2016 North Pacific Child Neurology Colloquium 2016, hosted by Stanford University. Palo Alto, CA.

2015 Featured speaker for The 8th Annual Stanford Autism Spectrum Disorders Conference. Palo Alto, CA.

2014 The 7th Annual Stanford Autism Spectrum Disorders Conference. Palo Alto, CA.

2012 The 5th Annual Stanford Autism Spectrum Disorders Conference. Palo Alto, CA.

2011 Bay Area Autism and ADHD Conference. South San Francisco, CA.

2010 Featured speaker and break-out session leader for The 3rd Annual Stanford Autism Spectrum Disorders Conference. Palo Alto, CA.

2010 Featured speaker and break-out session leader for The 3rd Annual Stanford Autism Spectrum Disorders Conference. Palo Alto, CA.

INVITED CLASSROOM GUEST LECTURER

2023 COMPMED 209 (master's students and veterinary residents): Laboratory Animal Medicine Seminar Series (primate models), Stanford University. Palo Alto, CA.

2023 NEPR 207 (PhD students): Neurosciences Cognitive Core ("Animal Model Development"), Stanford University. Palo Alto, CA.

2023 NBIO 101 (undergraduate and graduate students): Social and Ethical Issues in the Neurosciences, Stanford University. Palo Alto, CA.

2023 MED 276 (MD, PA, and genetic counseling graduate students): Caring for Individuals with Disabilities, Stanford University. Palo Alto, CA.

2022 NBIO 101 (undergraduate and graduate students): Social and Ethical Issues in the Neurosciences, Stanford University. Palo Alto, CA.

2020 PSYC 594 (PhD students): Psychoneuroendocrinology, University of British Columbia. Vancouver, Canada (via video conference).

2019 NEPR 212 (PhD students): Responsible Conduct of Neuroscience Research ("Publication and Peer Review"), Stanford University. Palo Alto, CA.

2019 NEPR 207 (PhD students): Neurosciences Cognitive Core ("Animal Model Development"), Stanford University. Palo Alto, CA.

2019 COMPMED 290 (master's students and veterinary residents): MLAS Career Development ("Grant Writing"), Stanford University. Palo Alto, CA.

2018 NEPR 212 (PhD students): Responsible Conduct of Neuroscience Research ("Ethics and Peer Review"), Stanford University. Palo Alto, CA.

2018 Human Biology Research Exploration Program (undergraduates), Stanford University. Palo Alto, CA.

2017 NEPR 212 (PhD students): Responsible Conduct of Neuroscience Research ("Mentor/Mentee Responsibilities and Relationship"), Stanford University. Palo Alto, CA.

2017 Cpsy 8360 (undergraduates): Developmental Neurobiology of Stress and Emotions, University of Minnesota. Minneapolis, MN (via video conference).

2017 Bio-X Summer Program Speaker Series (undergraduates), Stanford University. Palo Alto, CA.

2016 NEPR 212 (PhD students): Responsible Conduct of Neuroscience Research ("The Use of Animals in Research"), Stanford University. Palo Alto, CA.

2016 NEPR 212 (PhD students): Responsible Conduct of Neuroscience Research ("Peer Review"), Stanford University. Palo Alto, CA.

2014 HUMBIO 164 (undergraduates): Autism Spectrum Disorders ("Using Animals to Model Autism"), Stanford University. Palo Alto, CA.

2013 HUMBIO 164 (undergraduates): Autism Spectrum Disorders ("Using Animals to Model Autism"), Stanford University. Palo Alto, CA.

2013 Neuroscience/Neuroanatomy Seminar (Child and Adolescent Psychiatry fellows and residents), Stanford University. Palo Alto, CA.

2012 Bio-X Summer Program Speaker Series (undergraduates), Stanford University. Palo Alto, CA.

2012 COMPMED 80N (undergraduates): Introduction to Animal Behavior, Stanford University. Palo Alto, CA.

2011 ANES 215 (medical students): Neuroscience, Behavior, and Cognition Scholarly Concentration Course, Stanford University. Palo Alto, CA.

2010 Bio-X Summer Program Speaker Series (undergraduates), Stanford University. Palo Alto, CA.

2010 ANES 215 (medical students): Neuroscience, Behavior, and Cognition Scholarly Concentration Course, Stanford University. Palo Alto, CA.

2007 PSYC 250 (faculty and postdoctoral fellows): Methodology of Research in Behavioral Sciences, Stanford University. Palo Alto, CA.

1997 PSYCH 230 (undergraduates): Introduction to Biopsychology, University of Michigan. Ann Arbor, MI.

1996 PSYCH 290 (undergraduates): Introduction to Personality Psychology, University of Michigan. Ann Arbor, MI.

TEACHING AND MENTORING EXPERIENCE

2016- Training Faculty, Neurosciences Interdisciplinary Program, Stanford University
14% of the 409 Stanford Neurosciences Institute faculty named as Training Faculty based on leadership and educational contributions to the program.

2015- Faculty Reviewer, Biosciences Grant Writing Academy, Stanford University
Provide critical feedback to graduate students, postdoctoral fellows, and residents on their grant and fellowship applications to the NIH and other funding agencies.

2014- Affiliated Faculty Member, Program in Human Biology, Stanford University
Supervise undergraduate students conducting honors research and other projects in Human Biology and provide faculty advising for Human Biology majors.

2007- Instructor for Neuroscience Summer Journal club, Stanford University.
Organize and oversee weekly journal club presentations for students rotating in the Parker lab on summer fellowships (e.g., HB-REX, BIO-X, VPUE, Amgen).

2007- PSYC199 AND BIO199 – Directed undergraduate research

2007- NEPR 399 – Neurosciences graduate research

2007-2008 Freshman Faculty Advisor, Stanford University
Advised and mentored undergraduate students, mostly science majors, on course selection and preparation for graduate work

1999-2003 Department of Athletics Academic Tutor, University of Michigan and Stanford University
Tutored undergraduate athletes enrolled in psychology, neuroscience, research methods, and statistics courses

1996- Research Mentor, University of Michigan and Stanford University
Mentorship of postdoctoral, graduate, and undergraduate students on animal and human research projects. Instruct on animal care and use, patient enrollment, IACUC/IRB protocol creation and submission, data collection, statistical analysis, data presentation, manuscript preparation, and grant/fellowship/thesis writing.

1995 Instructor for Introductory Psychology, University of Michigan
Designed, taught, and graded semester-long course (25 students)

1994-1997 Graduate Student Instructor, University of Michigan
Led lecture-wide review sessions (300 students); responsible for lesson planning, teaching, test construction, neuroanatomy laboratory instruction and testing, and grading (60 students) for 7 semesters including courses in biological psychology, introductory psychology, and personality and evolutionary psychology.

INSTRUCTOR, RESEARCH SCIENTIST, AND POSTDOCTORAL FELLOW RESEARCH MENTOR

Dates	Students	Relationship and Student Awards	Current Position
06/19-12/20	Olena Zyga Postdoc	Research mentor NIH T32 fellowship	Left due to personal circumstances

12/18-	Daniel Bowling Instructor	Research mentor NIH K01 award	Current
10/18-07/20	Elena Itskovich Postdoc	Research mentor Stanford School of Medicine Dean's fellowship	Biotech corporate and business development consultant, Xilis
05/16-07/20	Catherine (Kate) Talbot Postdoc	Research mentor	Assistant Professor, Florida Institute of Technology
12/14-10/18	Debra Karhson Postdoc	Research mentor NIH T32 fellowship	Assistant Professor, University of New Orleans
09/14-08/15	Valentina Sclafani Postdoc	Research mentor	Assistant Professor, University of Lincoln, United Kingdom
02/14-11/17	Ozge Oztan Postdoc	Research mentor Child Health Research Institute Award	Current
12/17-11/20 12/20-	Research Scientist Senior Research Scientist	Research mentor	
2011-2015	Dean Carson Postdoc	Research mentor Autism Speaks fellowship Bass Pediatric fellowship Stanford School of Medicine Dean's fellowship	Biotechnology Executive, Atai Life Sciences
2009-2012	Alex Lee Postdoc	Secondary research mentor (Primary mentor: David Lyons)	Staff Computational Biologist, UCSF

GRADUATE STUDENT RESEARCH MENTOR (Stanford, unless specified)

Dates	Students	Relationship and Student Awards	Current Position
03/23-	Sydney Rivers Steele Master's student Lab Animal Science	Co-research mentor (with Joseph Garner)	Current
09/21-06/23	Kendall Coden Master's student Lab Animal Science	Co-research mentor (with Joseph Garner) Outstanding research award Health Emotions travel award	PhD student, University of Michigan

01/21-	Lauren Clarke Medical student	Research mentor Med Scholars award	Current
03/21-	Alexandria Tartt Medical student	Research mentor Med Scholars award	Current
10/19-06/21	Alvin Chiu Master's student Lab Animal Science	Co-research mentor (with Joseph Garner)	PhD student, University of Michigan
05/18-08/18 05/19-08/19	Adam Myers Western University Veterinary student	Summer research mentor NIH T35 fellowship	Instructor and Clinical Veterinarian, Tulane National Primate Research Ctr.
09/13-12/18	Jesus Madrid Neuroscience PhD Student	Research mentor Doctoral thesis advisor NIH T32 fellowship DARE (Diversifying Academia, Recruiting excellence) scholar Neuroscience Scholar, Society for Neuroscience	Postdoctoral fellow, Cornell University
01/13-06/13	Sanaz Amini Post-master's fellow	Research mentor	Speech-language pathologist
06/04-08/04	Kimberly Rainwater Kansas State Veterinary student	Summer research co-mentor (Primary mentor: David Lyons) NIH T35 fellowship	Director of Veterinary Services, Fort Worth Zoo

COTERMINAL GRADUATE/UNDERGRADUATE STUDENT RESEARCH MENTOR

Dates	Students	Relationship and Student Awards	Current Position
06/15-05/16	Lisa Jackson Psychology Master's student	Research mentor Master's committee Chair	Director of Operations, MobLab
03/13-06/15	Human Biology undergraduate	Research mentor HB-REX fellowship Human biology internship Major Grant Award Honors thesis advisor/first reader "Bernard and Estelle Shuer Award for Outstanding Neuroscience Research in Human Biology"	

06/08-06/09	Carl Cummings Biology/Engineering Master's student	Research mentor	Earned: MBA (Stanford University) Now: Director of
03/07-06/08	Biology/Engineering Undergraduate	Research mentor	Product, Early Pay, and Move money, Chime

GRADUATE STUDENT COMMITTEE MEMBER

Dates	Students	Relationship and Student Awards	Current Position
02/23-09/23	Leighton Wan Bioengineering PhD student	University Chair of dissertation committee	Algorithms scientist, BD Biosciences
11/22-	Allison Morningstar Neuroscience PhD student	Preliminary committee member Dissertation committee member	Current
08/22-	Avery Krieger Neuroscience PhD student	Dissertation committee member	Current
01/20-	Olamide Abiose Neuroscience PhD student	Preliminary committee member Dissertation committee member	Current
05/17-09/22	Nate Stockham Neuroscience PhD Student	Preliminary committee member Dissertation committee member	Postdoctoral fellow, Stanford University
05/16-10/20	Cammie Rolle Neuroscience PhD Student	Preliminary committee member Dissertation committee member	Clinical Assistant Professor, Stanford University
05/12-09/14	Jasmine Loveland Biology PhD Student	Dissertation committee member	Postdoctoral fellow, University of Vienna, Austria
09/10-12/10	Emily Drabant Neuroscience PhD Student	University Chair of dissertation committee	CEO, Federation Bio
07/10-09/14	Caroline Hu Biology PhD Student	Preliminary committee member Dissertation committee member	Assistant Professor, Integrative Sciences and Biological Arts, MassArt

10/09-12/12	Jana Schaich Borg Neuroscience PhD Student	Preliminary committee member Dissertation committee member	Associate Research Professor, Duke University

POST-BACCALAUREATE RESEARCH MENTOR

Dates	Students	Relationship and Student Awards	Current Position
09/21-	Duyen Nguyen	Research mentor	Current
08/21-08/23	Lara Minassians	Research mentor	Master's student in Community Health and Prevention Research, Stanford University
10/19-	Briana Hernandez	Research mentor	Current
08/18-08/20	Sierra Simmons	Research mentor	PhD student, Georgia State University
04/18-06/20	Lauryn Cartagine	Research mentor	Earned: Master's in Counseling Psychology (Palo Alto University) Now: Mental Health Clinician, Pacific Clinics
07/17-09/18	Alyssa Maness	Research mentor	PhD student, UC Davis
10/16-05/18	Noreen Mohsin	Research mentor	Earned: MD (University of Miami) Now: Medical resident, Cleveland Clinic
06/11-08/14	Sean Berquist	Research mentor	Earned: MD (UCSD) Now: Surgical resident, Stanford University

UNDERGRADUATE STUDENT RESEARCH MENTOR (Stanford, unless specified)

Dates	Students	Relationship and Student Awards	Current Position
10/23-	Isabelle Pena	Research mentor	Current

10/23-	Jonathan Morales	Research mentor	Current
01/23-07/23	Gustavo Hernandez-Luciano	Research mentor	Stanford undergrad
03/22-07/23	Amanda Zeng	Research mentor	Stanford undergrad
06/19-12/21	Callum Trainor	Research mentor HB-REX fellowship 2020 NeURO fellowship Honors thesis advisor/first reader	Medical student, University of Melbourne
01/19-02/20	Margaret (Maggie) Bruck	Research mentor HB-REX fellowship	Bioprocess Manufacturing Associate, Wildtype
06/19-09/19	Neha Sidhu	Research mentor HB-REX fellowship	Healthcare consultant, Guidehouse
01/19-6/21	Psalm Pineo-Cavanaugh	Research mentor HB-REX fellowship Bio-X fellowship	Medical student, UCSF
05/18-08/18	Kendall Coden University of Michigan	Summer research mentor	PhD student, University Michigan
03/18-09/18	Kalea Woods	Research mentor HB-REX fellowship	Unknown
03/18-06/20	Kylee Beck	Research mentor HB-REX fellowship Major Grant Award Honors thesis advisor/first reader	Leland Scholars Program Manager, Academic Advising Operations, Stanford University
03/17-06/18	Sophie Rose	Research mentor HB-REX fellowship	Earned: MHS (Johns Hopkins) Now: Sr. Biosecurity Policy Advisor, Centre for Long-term Resilience UK
03/17-06/19	Arianna Tapia	Research mentor HB-REX fellowship	Medical student, Florida International University

03/17-09/17	Christina Huber	Summer research mentor HB-REX fellowship	PhD student, UCLA
04/16-06/18	Michael Mariscal Human Biology	Research mentor HB-REX fellowship Bio-X fellowship Honors thesis advisor/first reader "Oral Communication Program Award for Excellence in Honors Presentations and in Human Biology"	PhD student, Cornell University
06/15-09/15 06/17-09/17	Mackenzie Walter Brown University	Summer research mentor	Earned: MSN (Johns Hopkins) Now: Medical ICU nurse, Georgetown University Hospital
05/14-09/14	Santiago Doria Biology	Summer research mentor VPUE biology fellowship	Principal, Oliver Wyman Health
04/14-09/14	Hannah Boutros Human Biology	Summer research mentor HB-REX fellowship	Earned: MD (UNC) Now: Pediatrics Resident, UNC
03/13-06/15	Raena Sumiyoshi Human Biology	Research mentor HB-REX fellowship Human biology internship Major Grant Award Honors thesis advisor/first reader "Center for Teaching and Learning Award for Excellence in Honors Presentations in Human Biology"	Earned: MBA (UCLA) Now: Portfolio Lead, Genentech
06/12-08/12; 05/13-07/13	Jacob (Coby) Moss Lewis and Clark	Summer Research mentor	Master's student in Physician Assistant Studies, U. of Iowa
03/12-06/14	Tara Trujillo Human Biology	Research mentor Amgen Scholar Bio-X fellowship Major Grant Award 2013 Neuroscience Scholar, Society for Neuroscience Human biology internship Honors thesis advisor/first reader	Medical student, University of Colorado

03/12-02/13	Amanda Manorot Human Biology	Research mentor Bio-X fellowship	Earned: MD (University of Iowa) Now: Surgical Resident, University of Michigan
11/09-06/12	Kaeli Yuen Biology	Research mentor Bio-X fellowship Major Grant award Honors thesis advisor/first reader	Earned: MD (USC) Past: White House Presidential Innovation Fellow Now: Enterprise Product Manager, Ambience Healthcare
11/09-06/12	Serena (Tanaka) Tamura	Research mentor HB-REX fellowship Small Grant Award Human biology internship	Earned: PhD (UCSF) Now: Scientist, BioMarin Pharmaceutical Inc.
11/09-06/12	Donald Neal Human Biology	Research mentor HB-REX fellowship Small Grant award Major Grant award Honors thesis advisor/first reader	Earned: MD (Thomas Jefferson University) Now: Medical resident, Mayo Clinic
10/08-03/10	Wendy Kalkus Human Biology	Research mentor HB-REX fellowship Human biology internship	Earned: DVM (UCD) Now: Private Practice Veterinarian
05/08-06/10	Katharine (Katy) Brewster Human Biology	Research mentor HB-REX fellowship Human biology internship	Earned: MD (Columbia University); Past: Psychiatry residency and chief resident, Columbia University; Geriatric Psychiatry Fellow, Columbia University Now: Assistant Clinical Professor, Columbia University

01/07-06/08	Kirsten Hornbeak Biology	Research mentor Health Emotions Travel Award Major Grant Award Honors thesis advisor/first reader	Earned: MD (UCSD) Past: Emergency Medicine residency, Stanford University; Hyperbaric and Undersea Medicine fellow, UCSD; Now: Emergency Medicine Physician, Scripps Clinic
06/01-06/03	Karan Sundlass Dual: Biology & Computer Science	Research co-mentor (Primary mentor: David Lyons)	Earned: MD (Medical College of Wisconsin) Past: Radiology residency, University of AZ; Vascular and Interventional Radiology fellowship, Medical College of Wisconsin Now: Vascular and Interventional radiologist, Richmond Vascular Center

UNDERGRADUATE STUDENT COMMITTEE MEMBER

05/16-05/17	Angela Cattani Biology	Second reader, undergraduate honors thesis (Mentor: Russ Fernald)	Past: NIH IRTA fellow Earned: MD (WashU in St. Louis) Now: Medical Resident, Boston Medical Center
02/23-	Anna Aitkin Human Biology	Second reader, undergraduate Honors thesis (Mentor: Hadi Hosseini)	Current

UNDERGRADUATE FACULTY ADVISOR

Dates	Students	Major
06/22-	Anna Aitkin	Human Biology
06/19-06/21	Alexa Thomson	Human Biology
05/19-12/21	Callum Trainor	Human Biology
05/19-06/21	Vianna Vo	Human Biology
01/19-06/20	Kylee Beck	Human Biology
06/18-06/20	Margaret Bruck	Human Biology

06/18-06/20	Sesha McMinn	Human Biology
06/17-06/19	Shriya Das	Human Biology
05/15-05/17	Helvia Taina	Human Biology
05/15-05/17	Haley Spector	Human Biology
01/10-06/12	Kaeli Yuen	Biology