

KAREN J. PARKER, Ph.D.
Curriculum Vitae

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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-	Associate Professor	Stanford University Department of Psychiatry and Behavioral Sciences School of Medicine
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	Department of Psychiatry and Behavioral Sciences Stanford University School of Medicine

HONORS AND AWARDS CONT.

- 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 the 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

- 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 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.

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

- 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.
- 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

- 2020- International advisory committee member, World Congress on Neurohypophysial Hormones
- 2019- Editorial board member, *Comprehensive Psychoneuroendocrinology*
- 2019- Faculty advisor, BrainMind
- 2019 Stanford Summit advisory board member, BrainMind
- 2016- Scientific advisory board member, Stanford Autism Center at Packard Children’s Hospital, Palo Alto, CA
- 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.

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, 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, Proceedings of the National Academy of Sciences, Proceedings of the Royal Society Series B, Psychiatry Research, Psychological Bulletin, Psychological Science, Psychoneuroendocrinology, Science Translational Medicine, Scientific Reports

CURRENT RESEARCH FUNDING

- 01/19-7/21 2020 Innovator Grants Program (PI: Parker)
Stanford Department of Psychiatry
“Mechanisms of arginine vasopressin signaling in iPSC-derived neurons”
- 11/19-10/21 Wu Tsai Seed Grant Award (Co-PIs: Parker and Berger)
Stanford Wu Tsai Neurosciences Institute
“Quantifying audio-vocal affect in human social communication”

CURRENT RESEARCH FUNDING CONT.

- 10/18-09/20 SNI Research Accelerator Award (Co-I: Parker; PI: Soh)
Wu Tsai Neurosciences Institute
“Real-time Biosensors for Measuring Multiple Neuromodulators”
- 07/17-06/22 R01 HD091972 (Multiple PI mechanism: Parker and Hardan)
National Institutes of Health
“Intranasal Vasopressin Treatment for Social Deficits in Children with Autism”
- 12/15-11/20 R01 HD087048 (PI: Parker)
National Institutes of Health
“A Monkey Model of Naturally Occurring Social Impairments”

COMPLETED RESEARCH FUNDING

- 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”

COMPLETED RESEARCH FUNDING CONT.

- 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”

COMPLETED RESEARCH FUNDING CONT.

- 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: Maestriperi (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”

PROFESSIONAL SOCIETIES

American College of Neuropsychopharmacology (elected to full membership)
International Society for Autism Research
International Society of Psychoneuroendocrinology
Society of Biological Psychiatry
Society for Neuroscience

PATENT APPLICATIONS

1. “Intranasal vasopressin treatment for social deficits in children with autism.”
PCT/US2019/041250.
2. “Methods for diagnosing and for determining severity of an autism spectrum disorder.”
PCT/US2019/019029.

FDA-APPROVED INVESTIGATIONAL NEW DRUG (IND)s

1. “Intranasal Vasopressin Treatment in Children with Autism.”
IND: #118327; ClinicalTrials.gov Identifiers: NCT01962870; NCT03204786.
2. “Intranasal Oxytocin Treatment for Social Deficits in Children with Autism.”
IND: #114664; ClinicalTrials.gov Identifier: NCT01624194.

SUBMITTED PEER REVIEWED RESEARCH ARTICLES

(6 total; # = Parker’s mentee; *corresponding author)

1. Uljarević M*, Bott NT, Libove RA, Phillips JM, **Parker KJ** & Hardan AY. Characterizing emotion recognition and theory of mind performance profiles in unaffected siblings of children with autism spectrum disorder. Submitted.
2. Zhou B, Ho SS, Leung LC, Ward TR, Ho M, Plastini MJ, Vermilyea SC, Emborg ME, Golos TG, Mourrain P, Perrin D, **Parker KJ***, Urban AE*. Haplotype-phased *Callithrix jacchus* embryonic stem cell line for genome editing using CRISPR/Cas9. Submitted.
3. Yuan R, Nechvatal JM, Buckmaster CL, Ayash S, **Parker KJ**, Schatzberg AF, Lyons DM & Menon V. Long-term effects of intermittent early life stress on primate prefrontal-subcortical functional connectivity. Under revision.
4. Madrid JE#*, Oztan O#, Talbot CF#, Del Rosso LA, Tapia AM#, Huber CE#, Capitanio JP, Garner JP & **Parker KJ*** (2019). Strong social bonds emerge from the relationship between arginine vasopressin biology and social communication abilities in male rhesus macaques (*Macaca mulatta*). Under revision.
5. Talbot CF#, Maness AC#, Capitanio JP & **Parker KJ**. The factor structure of the macaque Social Responsiveness Scale-Revised and its relationship to social behavior and personality dimensions. Under revision.

SUBMITTED PEER REVIEWED RESEARCH ARTICLES CONT.

6. Itskovich E#, Zyga O#, Libove RA, Phillips JM, Garner JP & **Parker KJ**. Complex interplay between cognitive ability and social motivation in predicting social skill: A unique role for social motivation in children with autism. Under revision.

PUBLISHED PEER-REVIEWED RESEARCH ARTICLES (61 total; # = Parker's mentee; *corresponding author)

1. 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*. doi: 10.1002/aur.2335
2. 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.
3. 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.
4. 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.
5. **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.
6. **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: eaau7356.
7. 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.
8. **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: eaam9100.

PUBLISHED PEER-REVIEWED RESEARCH ARTICLES CONT.

9. Madrid JE##*, Mandalaywala TM, Coyne SP, Dallaire JA, Garner JP, Barr CS, Maestriperieri D & **Parker KJ*** (2018). Adaptive developmental plasticity in rhesus macaques: 5-HTTLPR interacts with early maternal care to affect juvenile social behaviour. *Proceedings of the Royal Society B*, 285(1881): 20180541.
10. 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.
11. 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.
12. **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): 8119-9124.
13. 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.
14. Mandalaywala TM*, Petrullo LA, **Parker KJ**, Maestriperieri 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.
15. Karhson DS##*, Hardan AY & **Parker KJ** (2016). Endocannabinoid signaling in social functioning: An RDoC Perspective. *Translational Psychiatry*, 6(9):e905.
16. 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.
17. Petrullo LA*, Mandalaywala TM, **Parker KJ**, Maestriperieri 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.
18. 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.

PUBLISHED PEER-REVIEWED RESEARCH ARTICLES CONT.

19. 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.
20. 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.
21. Buckmaster CL*, Hyde SA, **Parker KJ** & Lyons DM (2015). Cup tool use by squirrel monkeys. *American Journal of Primatology*, 77(12): 1323-1332.
22. **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.
23. 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.
24. 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.
25. 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.
26. Yuen KW#, Garner JP, Carson DS#, Keller J, Lembke A, Hyde SA, Kenna HA, Tennakoon L, Schatzberg AF & **Parker KJ*** (2014). Plasma oxytocin concentrations are lower in depressed vs. healthy control women and are independent of cortisol. *Journal of Psychiatric Research*, 51: 30-36.
27. Samson AC*, Phillips JM, **Parker KJ**, Shaw S, Gross JJ & Hardan AY (2014). Emotion dysregulation and the core features of autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 44: 1766-1772.
28. Daskalakis NP*, Bagot RC, **Parker KJ**, Vinkers CH & de Kloet ER (2013). The three-hit concept of vulnerability and resilience: toward understanding adaptation to early-life adversity outcome. *Psychoneuroendocrinology*, 38(9): 1858-1873.

PUBLISHED PEER-REVIEWED RESEARCH ARTICLES CONT.

29. Clark CL, St. John N, Pasca AM, Hyde SA, Hornbeak K#, Abramova M, Feldman H, **Parker KJ*** & Penn AA* (2013). Neonatal CSF oxytocin levels are associated with parent report of infant soothability and sociability. *Psychoneuroendocrinology*, 38(7): 1208-1212.
30. **Parker KJ***, Buckmaster CL, Lindley SE, Schatzberg AF & Lyons DM (2012). Hypothalamic pituitary-adrenal axis physiology and cognitive control of behavior in stress inoculated monkeys. *International Journal of Behavioral Development*, 36(1): 45-52.
31. Hall SS*, Lightbody AA, McCarthy BE, **Parker KJ** & Reiss AL (2012). Effects of intranasal oxytocin administration on social anxiety in males with Fragile X syndrome. *Psychoneuroendocrinology*, 37(4): 509-518.
32. Tirouvanziam R*, Obukhanych TV, Laval J, Aronov P, Libove R, Banerjee A, **Parker KJ**, O'Hara R, Herzenberg L, Herzenberg L & Hardan AY (2012). Distinct plasma profile of polarneutral amino acids leucine and glutamate in children with autism spectrum disorders. *Journal of Autism and Developmental Disorders*, 42(5): 827-836.
33. Miller GE*, Chen E & **Parker KJ** (2011). Psychological stress in childhood and susceptibility to the chronic diseases of aging: Moving toward a model of behavioral and biological mechanisms. *Psychological Bulletin*, 137(6): 959-997.
34. Higham JP*, Barr CS, Hoffman CL, Mandalaywala TM, **Parker KJ** & Maestriperi D (2011). Mu-opioid receptor (OPRM1) variation, oxytocin levels, and maternal attachment in free-ranging rhesus macaques. *Behavioral Neuroscience*, 125(2): 131-136.
35. Lee AG##*, Cool DR, Grunwald WC, Neal DE#, Buckmaster CL, Cheng MY, Hyde SA, Lyons DM & **Parker KJ** (2011). A novel form of oxytocin in New World monkeys. *Biology Letters*, 7(4): 584-7.
36. **Parker KJ*** & Maestriperi D (2011). Identifying key features of early stressful experiences that produce stress vulnerability and resilience in primates. *Neuroscience and Biobehavioral Reviews*, 35(7): 1466-1483.
37. **Parker KJ***, Hyde SA, Buckmaster CL, Tanaka SM#, Brewster KK#, Schatzberg AF, Lyons DM & Woodward SH (2011). Somatic and neuroendocrine responses to standard and biologically salient acoustic startle stimuli in monkeys. *Psychoneuroendocrinology*, 36(4): 547-556.
38. Thompson RJ*, **Parker KJ**, Hallmayer JF, Waugh CE & Gotlib IH (2011). Oxytocin receptor gene polymorphism (rs2254298) interacts with familial risk for psychopathology to predict symptoms of depression and anxiety in adolescent girls. *Psychoneuroendocrinology*, 36 (1): 144-147.

PUBLISHED PEER-REVIEWED RESEARCH ARTICLES CONT.

39. **Parker KJ***, Hoffman CL, Hyde SA, Cummings CS# & Maestriperi D (2010). Effects of age on cerebrospinal fluid oxytocin levels in free-ranging adult female and infant rhesus macaques. *Behavioral Neuroscience*, (124): 428-33.
40. **Parker KJ***, Kenna HA, Zeitzer JM, Keller J, Blasey CM, Amico JA & Schatzberg AF (2010). Preliminary evidence that plasma oxytocin levels are elevated in major depression. *Psychiatry Research*, 178(2): 359-362.
41. Lyons DM*, **Parker KJ** & Schatzberg AF (2010). Animal models of early life stress: Implications for understanding resilience. *Developmental Psychobiology*, 52(5): 402-410.
42. Edge MD, Ramel W, Drabant EM, Kuo JR, **Parker KJ** & Gross JJ* (2009). For better or worse? Stress inoculation effects for implicit but not explicit anxiety. *Depression and Anxiety*, 26(9): 831-837.
43. Lyons DM*, **Parker KJ**, Katz M & Schatzberg AF (2009). Developmental cascades linking stress inoculation, arousal regulation, and resilience. *Frontiers in Behavioral Neuroscience*, doi:10.3389/neuro.08.032.2009.
44. Katz M, Liu C, Schaer M, **Parker KJ**, Epps A, Ottet MC, Buckmaster CL, Bammer R, Moseley ME, Schatzberg AF, Eliez S & Lyons DM* (2009). Prefrontal plasticity and stress inoculation-induced resilience. *Developmental Neuroscience*, 31: 293-299.
45. Lyons DM*, **Parker KJ**, Zeitzer JM, Buckmaster CL & Schatzberg AF (2007). Preliminary evidence that hippocampal volumes in monkeys predict stress levels of adrenocorticotrophic hormone. *Biological Psychiatry*, 62 (10): 1171-1174.
46. **Parker KJ***, Rainwater KL#, Buckmaster CL, Schatzberg AF, Lindley SE & Lyons DM (2007). Early life stress and novelty seeking behavior in adolescent monkeys. *Psychoneuroendocrinology*, 32 (7): 785-792.
47. Lyons DM* & **Parker KJ** (2007). Stress inoculation-induced indications of resilience in monkeys. *Journal of Traumatic Stress*, 20 (4): 423-433.
48. **Parker KJ***, Buckmaster CL, Sundlass K#, Schatzberg AF & Lyons DM (2006). Maternal mediation, stress inoculation, and the development of neuroendocrine stress resistance in primates. *Proceedings of the National Academy of Sciences*, 103(8): 3000-3005.
49. Mitra R*, Sundlass K#, **Parker KJ**, Schatzberg AF & Lyons DM (2006). Social stress-related behavior affects hippocampal cell proliferation in mice. *Journal of Physiology & Behavior*, 89 (2): 123-127.

PUBLISHED PEER-REVIEWED RESEARCH ARTICLES CONT.

50. **Parker KJ***, Buckmaster CL, Justus KR#, Schatzberg AF & Lyons DM (2005). Mild early life stress enhances prefrontal-dependent response inhibition in monkeys. *Biological Psychiatry*, 57(8): 848-855.
51. **Parker KJ***, Buckmaster CL, Schatzberg AF & Lyons DM (2005). Intranasal oxytocin administration attenuates the ACTH stress response in monkeys. *Psychoneuroendocrinology*, 30: 924-929.
52. **Parker KJ***, Buckmaster CL, Schatzberg AF & Lyons DM (2004). Prospective investigation of stress inoculation in young monkeys. *Archives of General Psychiatry*, 61(9): 933-941 [Note: journal now continues as *JAMA Psychiatry*]
53. Zeitzer JM, Buckmaster CL, **Parker KJ**, Hauck CM, Lyons DM & Mignot E* (2003). Circadian and homeostatic regulation of hypocretin in a primate model: Implications for the consolidation of wakefulness. *Journal of Neuroscience*, 23(8): 3555-3560.
54. **Parker KJ***, Schatzberg AF & Lyons DM (2003). Neuroendocrine aspects of hypercortisolism in major depression. *Hormones and Behavior*, 43(1): 60-66.
55. **Parker KJ*** & Lee TM (2003). Female *Microtus pennsylvanicus* (meadow voles) exhibit same-sex partner preferences. *Journal of Comparative Psychology*, 117(3): 283-289.
56. **Parker KJ*** & Lee TM* (2002). Interaction of photoperiod and testes development are associated with paternal care in *Microtus pennsylvanicus* (meadow voles). *Journal of Physiology & Behavior*, 75(1-2): 91-95.
57. **Parker KJ*** & Lee TM (2001). Social and environmental factors influence the suppression of pup-directed aggression and development of paternal behavior in captive meadow voles (*Microtus pennsylvanicus*). *Journal of Comparative Psychology*, 115(4): 331-336.
58. **Parker KJ***, Phillips KM# & Lee TM* (2001). Development of selective partner preferences in captive male and female *Microtus pennsylvanicus* (meadow voles). *Animal Behaviour*, 61(6): 1217-1226.
59. **Parker KJ**, Phillips KM#, Kinney LF# & Lee TM* (2001). Day length and socio-sexual cohabitation alter central oxytocin receptor binding in female meadow voles (*Microtus pennsylvanicus*). *Behavioral Neuroscience*, 115(6): 1349-1356.
60. **Parker KJ*** & Lee TM* (2001). Central vasopressin administration modulates the facultative onset of paternal behavior in *Microtus pennsylvanicus* (meadow voles). *Hormones and Behavior*, 39(4): 285-294.

PUBLISHED PEER-REVIEWED RESEARCH ARTICLES CONT.

61. **Parker KJ**, Kinney LF#, Phillips KM# & Lee TM* (2001). Paternal behavior is associated with central neurohormone receptor binding in meadow voles (*Microtus pennsylvanicus*). *Behavioral Neuroscience*, 115(6): 1341-1348.

PUBLISHED ABSTRACTS (HARDCOPY OR ONLINE) (62 total; excludes undergraduate student abstracts for Stanford-based fellowship and honors thesis presentations)

1. Myers AK#, Talbot CF#, Garner JP, Del Rosso LA, Capitanio JP, **Parker, KJ*** (2019). The burden of medical comorbidities in a rhesus macaque model of autism spectrum disorder. National Veterinary Scholars Symposium, 30th Annual Meeting, hosted by the Cummings School of Veterinary Medicine at Tufts University. Worcester, MA.
2. 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.
3. 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.
4. 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.
5. Talbot CF#, Bulleri AB, Maness AM, Herrington JA#, Capitanio JP & **Parker KJ** (2018). Low social monkeys exhibit great impairments on the macaque social responsiveness scale (mSRS) (*Macaca mulatta*). 27th International Primatological Society Congress, Nairobi, Kenya.
6. Myers AK#, Talbot CF#, Garner JP, Capitanio JP, **Parker KJ** (2018). Assessing medical comorbidity burden in a rhesus macaque model of autism spectrum disorder. National Veterinary Scholars Symposium, 29th Annual Meeting, hosted by the College of Veterinary Medicine & Biomedical Sciences at Texas A&M University. College Station, TX
7. **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 (2017). Biomarker discovery for social impairments: Translation from a novel monkey model to patients with autism. American College of Neuropsychopharmacology, 56th annual meeting, Palm Springs, CA.

PUBLISHED ABSTRACTS CONT.

8. 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.
9. Oztan O#, Garner JP, Sclafani V#, Capitanio JP & **Parker KJ** (2017). Cerebrospinal fluid arginine vasopressin is a predictive biomarker of social impairments in male rhesus monkeys. International Meeting for Autism Research, 16th Annual Meeting, San Francisco, CA.
10. Karhson DS#, Krasinska KM, Libove RA, Dallaire JA, Chien AS, Garner JP, Hardan AY & **Parker KJ** (2017). Anandamide as a blood-based biomarker in children with autism spectrum disorder. International Meeting for Autism Research, 16th Annual Meeting, San Francisco, CA.
11. Madrid JE#, Oztan O#, Del Rosso LA, Calonder LA, Capitanio JP, Garner JP & **Parker KJ** (2017). Face recognition ability during infancy predicts oxytocin concentrations during juvenility of rhesus macaques. Gordon Research Conference on Neuroethology: Behavior, Evolution & Neurobiology, Les Diablerets, Switzerland.
12. Oztan O, Jackson LP, Libove RA, Sumiyoshi RD, Phillips JM, Urban AE, Garner JP, Hardan AY & **Parker KJ** (2016). Identifying novel biomarkers of social deficits in children with autism spectrum disorder. Abstract Society for Neuroscience, 13856.
13. Krasinska KM, Karhson DS, **Parker KJ**, Chien AS (2016). Quantitative LS-MS/MS method development and preliminary analysis of plasma endocannabinoid concentrations in humans. American Society for Mass Spectrometry, 64th annual meeting, San Antonio, TX.
14. **Parker KJ**, Oztan O, Libove RA, Sumiyoshi RD, Summers JE, Hinman K, Fung LK, Motonaga KS, Carson DS, Phillips JM, Garner JP & Hardan AY (2016). Intranasal vasopressin treatment improves social abilities in children with autism. American College of Neuropsychopharmacology, 55th annual meeting, Hollywood, FL.
15. **Parker KJ** (2016). Translational social neuroscience: Monkey models to patients with autism. 20th German-American Kavli Frontiers of Science Symposium, Alexander von Humboldt Foundation – U.S. National Academy of Sciences, Potsdam, Germany.
16. Madrid JE#, Mandalaywala TM, Coyne, SP., Garner JP, Barr CS, Maestripieri D & **Parker KJ** (2015). Serotonin transporter and maternal care: GxE effects on juvenile rhesus macaques. Society for Neuroscience, Neuroscience Scholars Poster Session, Chicago, IL.

PUBLISHED ABSTRACTS CONT.

17. 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.
18. Madrid JE#, Mandalaywala TM, Coyne SP, Garner JP, Barr CS, Maestripieri D & **Parker KJ** (2015). Serotonin transporter and maternal care: a sex-specific GxE effect on juvenile social play in Rhesus. *American Journal of Primatology*, 77 (S1): 107-108.
19. Buckmaster CL, **Parker KJ** & Lyons DM (2015). Preliminary observations of social interactions during spontaneous cup tool use by captive-born adult female squirrel monkeys (*Saimiri sciureus*). *American Journal of Primatology*, 77 (S1): 38.
20. Madrid JE#, Mandalaywala TM, Coyne SP, Hyde SA, Garner JP, Maestripieri D & **Parker KJ** (2015). Variation in early maternal rejection produces differences in the biology of free-ranging infant rhesus macaques (*Macaca mulatta*). Society for Behavioral Neuroendocrinology, 19th Annual Meeting, Pacific Grove, CA.
21. Oztan O, Garner JP, Chun K, Hyde SA, Sherr EH, Capitanio JP, **Parker KJ** (2014). Identifying novel biomarkers of naturally occurring social impairments in male rhesus monkeys. Abstract Society for Neuroscience, 518.05.
22. Madrid JE, Mandalaywala T, Coyne SP, Hyde SA, Garner JP, Maestripieri D, **Parker KJ** (2014). Variation in early maternal rejection produces differences in the biology of free-ranging infant rhesus macaques (*Macaca mulatta*). Abstract Society for Neuroscience, 350.21.
23. Trujillo T, Carson DS, Berquist SW#, Hyde SA, Hardan AY & **Parker KJ** (2014). Cerebrospinal fluid and plasma oxytocin concentrations are positively correlated and negatively predict anxiety in children. Society for Neuroscience, Neuroscience Scholars Poster Session, Washington, DC.
24. Coyne SP, Mandalaywala TM, **Parker KJ** & Maestripieri D (2014). Juvenile body condition affects rates of play behavior in rhesus macaques. International Society for Behavioral Ecology, 15th Annual Meeting, New York, NY.
25. 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.

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26. 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.
27. Trujillo T, Carson DS, Hardan AY & **Parker KJ** (2013). Double-blind, randomized, placebo-controlled trial of oxytocin treatment for social deficits in children with autism. Society for Neuroscience, Neuroscience Scholars Poster Session, San Diego, CA.
28. 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.
29. Maestriperi D, Lindell S, Barr C & **Parker KJ** (2013). Genetic and experiential influences on the development of stress vulnerability and resilience in rhesus macaques. World Congress on the Developmental Origins of Health and Disease, 8th Annual Meeting, Suntec, Singapore.
30. **Parker KJ** & Maestriperi D (2013). Oxytocin and mother-infant relationships in free-ranging rhesus macaques. European Brain and Behaviour Conference, 45th Annual Meeting, Munich, Germany.
31. Mandalaywala T, Bethell EJ, **Parker KJ** & Maestriperi D (2013). Negativity bias in free-ranging infant rhesus macaques on Cayo Santiago. *American Journal of Primatology*, 75: 43.
32. Samson AC, Gross JJ, Cormenzana S, **Parker KJ** & Hardan AY (2013). The association of emotion dysregulation to core features of the autism spectrum disorder. International Meeting for Autism Research, 12th Annual Meeting. San Sebastian, Spain.
33. Carson DS, Hardan AY & **Parker KJ** (2013). Plasma oxytocin levels and OXTR SNPs exert independent and additive underlying influences on human social functioning, but are not themselves directly associated with autism disease pathology. The 10th World Congress of Neurohypophysial Hormones. Bristol, United Kingdom.
34. 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.
35. **Parker KJ** (2012). Early life stress inoculation in monkeys: A pathway to resilience. *European Journal of Psychotraumatology Supplement 1*, 2012 - 3.

PUBLISHED ABSTRACTS CONT.

36. Clark CL, St. John N, Pasca A, Hyde S, Hornbeak K, Abramova MA, **Parker KJ** & Penn AA (2012). Neonatal CSF oxytocin levels are associated with early need for social engagement to soothe. Pediatric Academic Societies, 23rd Annual Meeting. Boston, MA.
37. **Parker KJ** (2012). Oxytocin and vasopressin biology in New World monkeys. *American Journal of Primatology*, 74: 26.
38. Carson DS, Hardan AY, Bowen MT, McGregor IS & **Parker KJ** (2011). Oxytocin treatment for social deficits in children with autism: It's time to translate! Workshop on the Biology of Prosocial Behavior at Emory University. Atlanta, GA.
39. Berquist KL, Lee GY, **Parker KJ** & Hardan AY (2011). The relationship between sensory abnormalities and repetitive behaviors in children with autism. International Meeting for Autism Research, 10th Annual Meeting. San Diego, CA.
40. Hornbeak KB, Libove RA, Phillips JM, Penn AA, **Parker KJ** & Hardan AY (2011). A preliminary investigation of prematurity status and clinical presentation in children with autism spectrum disorders. International Meeting for Autism Research, 10th Annual Meeting. San Diego, CA.
41. 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.
42. 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.
43. 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.
44. Thompson SE, Scollin E, Libove RA, Phillips JM, **Parker KJ** & Hardan AY (2011). Social cognitive profiles of children with autism and their siblings. International Meeting for Autism Research, 10th Annual Meeting. San Diego, CA.
45. Libove RA, Hallmayer J, Phillips JM, **Parker KJ** & Hardan AY (2010). Anxiety symptoms in children with autism spectrum disorders and their siblings. International Meeting for Autism Research, 9th Annual Meeting. Philadelphia, PA.
46. Deerrose BE, Phillips JM, **Parker KJ** & Hardan AY (2010). NEPSY-II social cognition profiles for children with autism spectrum disorders and their siblings: Preliminary results. International Meeting for Autism Research, 9th Annual Meeting. Philadelphia, PA.

PUBLISHED ABSTRACTS CONT.

47. **Parker KJ**, Libove RA, Allen GI, Hyde S, Liao P, Phillips JM, Hallmayer JF & Hardan AY (2010). Oxytocin biology and social impairments in autism spectrum disorders. International Meeting for Autism Research, 9th Annual Meeting. Philadelphia, PA.
48. Lyons DM, **Parker KJ**, Katz M & Schatzberg AF (2009). Stress inoculation-induced adaptations in prefrontal development. *Abstract Society for Neuroscience*, 102.6.
49. 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.
50. **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.
51. Lyons DM, **Parker KJ**, Zeitzer JM, Buckmaster CL & Schatzberg AF (2005). Hippocampal volume variation and stress-related psychopathology. *Abstract Society for Neuroscience*, 243.3.
52. 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.
53. 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.
54. **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.
55. **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.
56. 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, 8th Annual Meeting. Amelia Island, FL.
57. **Parker KJ** (2001). 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.

PUBLISHED ABSTRACTS CONT.

58. **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.
59. **Parker KJ** & Lee TM (1998). Development of paternal behavior in the meadow vole. Society for Behavioral Neuroendocrinology, 2nd Annual Meeting. Atlanta, GA.
60. **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.
61. 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.
62. 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.

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, Hawaii.
- 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)

- 2020 The MIND Institute Research Seminar Series. Davis, CA.
[Rescheduled to webinar to due to COVID-19]
- 2020 Simons Foundation 12th Annual Investigator Meeting. New York, NY.
[Rescheduled to webinar to due to COVID-19]

INVITED INTERNATIONAL AND NATIONAL SYMPOSIUM SPEAKER CONT.

- 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 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 Mahoney Institute for Neurosciences Seminar Series, University of Pennsylvania. Philadelphia, PA.
- 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 “Challenges in Assessing Nonhuman Primate Needs and Resources for Biomedical Research Expert Panel Forum”, NIH expert panel. Bethesda, MD.
- 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.

INVITED INTERNATIONAL AND NATIONAL SYMPOSIUM SPEAKER CONT.

- 2017 Simons Foundation 9th Annual Investigator Meeting. New York, NY.
- 2017 California National Primate Research Center North Colony Symposium. Davis, CA.
- 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 International Consortium of Disorders of the Corpus Callosum and Cerebral Connectivity, 2nd Annual Meeting, held at UCSF. San Francisco, CA.
- 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 (invited panel organizer and speaker). Maui, HI.
- 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 (2015). 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.

INVITED INTERNATIONAL AND NATIONAL SYMPOSIUM SPEAKER CONT.

- 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 Simons Foundation 6th Annual Investigator Meeting. New York, NY.
- 2014 American Academy of Child and Adolescent Psychiatry, 61st Annual Meeting. San Diego, CA.
- 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 session, 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.

INVITED INTERNATIONAL AND NATIONAL SYMPOSIUM SPEAKER CONT.

- 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 Neuropsychiatric Institute, UCLA. Westwood, CA.
- 2005 The Institute for Social Research's Evolution and Human Adaptation Program, University of Michigan. Ann Arbor, MI.
- 2005 Departments of Neuroscience and Psychiatry, Baylor College of Medicine. Houston, TX.
- 2005 Department of Psychology, University of Pennsylvania. Philadelphia, PA.
- 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 INSTITUTIONAL SYMPOSIUM SPEAKER

- 2020 Grand Rounds Panel: “Rodent, Primate, and iPSC Models of Human Psychiatric Disorders” (KJ Parker, AE Urban, RC Malenka), Department of Psychiatry, Stanford University, Palo Alto, CA.
- 2020 Stanford Medicine Leadership Retreat. Half Moon Bay, 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

- 2019-2020 Chair, Animal Research Committee, American College of Neuropsychopharmacology.

NATIONAL AND INTERNATIONAL SERVICE CONT.

- 2018- Member, Committee on Animals in Research, Society for Neuroscience.
- 2018-2019 Co-Chair, Animal Research Committee, American College of Neuropsychopharmacology.
- 2017- Member, Women's Task Force, American College of Neuropsychopharmacology.
- 2017- 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

- 2020- 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 during the SARS-CoV-2 pandemic.
- 2020- Wu Tsai Neurosciences Institute Scanner Faculty Oversight Committee, Stanford University.
Approve policies related to the new Wu Tsai 7T MRI Service Center.
- 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- Undergraduate Program in Human Biology Awards Committee, Stanford University.
- 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 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.

INSTITUTIONAL SERVICE CONT.

- 2017- 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.
- 2014-2016 School of Medicine Faculty Senate Representative for the Department of Psychiatry and Behavioral Sciences, Stanford University.
- 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.
- 2014-2018 Stanford Neurosciences Institute Program Committee, Stanford University.
Provide 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
- 2010-2012 Neuroscience Graduate Program Curriculum Committee, Stanford University
Review and create policies related to graduate course work and curriculum.
- 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.
- 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.

INSTITUTIONAL SERVICE CONT.

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

TEACHING

Faculty Affiliate	Stanford University	Palo Alto, CA
	<ul style="list-style-type: none">• Undergraduate Program in Human Biology• Stanford Neurosciences Ph.D. Graduate 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

- 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.

**INVITED MEDICAL, SCIENTIFIC, AND COMMUNITY EDUCATION SPEAKER
CONT.**

- 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

- 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 Cpsy 8360 (undergraduates): Developmental Neurobiology of Stress and Emotions, University of Minnesota. Minneapolis, MN (via video conference).
- 2017 NEPR 212 (PhD students): Responsible Conduct of Neuroscience Research (“Mentor/Mentee Responsibilities and Relationship”), Stanford University. Palo Alto, CA.

INVITED CLASSROOM GUEST LECTURER CONT.

- 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**

<u>Dates</u>	<u>Students</u>	<u>Relationship and Student Awards</u>	<u>Current Position</u>
06/19-	Olena Zyga Postdoc	Research mentor NIH T32 fellowship	Current
12/18-	Daniel Bowling Instructor	Research mentor K01 award	Current
10/18-07/20	Elena Itskovich Postdoc	Research mentor Stanford School of Medicine Dean's fellowship	
05/16-07/20	Catherine Talbot Postdoc	Research mentor	Assistant Professor, Florida Institute of Technology
12/14-10/18	Debra Karhson Postdoc	Research mentor NIH T32 fellowship	Research Scientist, Stanford University
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	
12/17-	Research Scientist	Research mentor	Current
2011-2015	Dean Carson Postdoc	Research mentor Autism Speaks fellowship Bass Pediatric fellowship Stanford School of Medicine Dean's fellowship	CEO, Katana Pharma
2009-2012	Alex Lee Postdoc	Secondary research mentor (Primary mentor: David Lyons)	Staff Computational Biologist, UCSF

GRADUATE STUDENT RESEARCH MENTOR (Stanford, unless specified)

<u>Dates</u>	<u>Students</u>	<u>Relationship and Student Awards</u>	<u>Current Position</u>
05/18-08/18	Adam Myers	Summer research mentor	Vet student
05/19-08/19	Western University Veterinary student	NIH T35 fellowship	
09/13-12/18	Jesus Madrid Neuroscience PhD Student	Research mentor Doctoral thesis advisor 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 NIH T35 fellowship	Zoo Veterinarian

COTERMINAL GRADUATE/UNDERGRADUATE STUDENT RESEARCH MENTOR

<u>Dates</u>	<u>Students</u>	<u>Relationship and Student Awards</u>	<u>Current Position</u>
06/15-05/16	Lisa Jackson Psychology Master's student	Research mentor Master's committee Chair	Cognitive Psychologist, 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: Product Manager, Stripe
03/07-06/08	Biology/Engineering Undergraduate	Research mentor	

GRADUATE STUDENT COMMITTEE MEMBER

<u>Dates</u>	<u>Students</u>	<u>Relationship and Student Awards</u>	<u>Current Position</u>
01/20-	Olamide Abiose Neuroscience PhD student	Preliminary committee member	Current

GRADUATE STUDENT COMMITTEE MEMBER CONT.

<u>Dates</u>	<u>Students</u>	<u>Relationship and Student Awards</u>	<u>Current Position</u>
05/17-	Nate Stockham Neuroscience PhD Student	Preliminary committee member Dissertation committee member	Current
05/16-	Cammie Rolle Neuroscience PhD Student	Preliminary committee member Dissertation committee member	Current
05/12-09/14	Jasmine Loveland Biology PhD Student	Dissertation committee member	Postdoctoral fellow, Max Planck Institute, Seewiesen, Germany
09/10-12/10	Emily Drabant Neuroscience PhD Student	University Chair of dissertation committee	Vice President, Business Dev., 23andMe
07/10-09/14	Caroline Hu Biology PhD Student	Preliminary committee member Dissertation committee member	Postdoctoral fellow, Harvard University
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

<u>Dates</u>	<u>Students</u>	<u>Relationship and Student Awards</u>	<u>Current Position</u>
08/18-08/20	Sierra Simmons	Research mentor	PhD student, Georgia State University
04/18-06/20	Lauryn Cartagine	Research mentor	Master's student, Palo Alto University
07/17-09/18	Alyssa Maness	Research mentor	PhD student, UC Davis
10/16-05/18	Noreen Mohsin	Research mentor	Medical student, University of Miami
06/11-08/14	Sean Berquist	Research mentor	Earned: MD (UCSD) Now: Surgical resident, Stanford University

UNDERGRADUATE STUDENT RESEARCH MENTOR (Stanford, unless specified)

<u>Dates</u>	<u>Students</u>	<u>Relationship and Student Awards</u>	<u>Current Position</u>
06/19-09/19	Neha Sidhu	Research mentor HB-REX fellowship	Undergraduate
06/19-	Callum Trainor	Research mentor HB-REX fellowship 2020 NeURO fellowship	Current
01/19-	Psalm Pineo-Cavanaugh	Research mentor HB-REX fellowship Bio-X fellowship	Current
01/19-02/20	Margaret Bruck	Research mentor HB-REX fellowship	Research Assistant, UCSF
05/18-08/18	Kendall Coden University of Michigan	Summer research mentor	NIH IRTA fellow
03/18-09/18	Kalea Woods	Research mentor HB-REX fellowship	Undergraduate
03/18-	Kylee Beck	Research mentor HB-REX fellowship Major Grant Award Honors thesis advisor/first reader	Current
03/17-06/18	Sophie Rose	Research mentor HB-REX fellowship	Undergraduate
03/17-06/19	Arianna Tapia	Research mentor HB-REX fellowship	Human Biology Course Associate, Stanford University
03/17-09/17	Christina Huber	Summer research mentor HB-REX fellowship	Lab manager, Dartmouth College
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”	Research assistant, Harvard Medical School
06/15-09/15 06/17-09/17	Mackenzie Walter Brown University	Summer research mentor	MSN student, Johns Hopkins

UNDERGRADUATE STUDENT RESEARCH MENTOR CONT.

<u>Dates</u>	<u>Students</u>	<u>Relationship and Student Awards</u>	<u>Current Position</u>
05/14-09/14	Santiago Doria Biology	Summer research mentor VPUE biology fellowship	Senior consultant at Oliver Wyman Health
04/14-09/14	Hannah Boutros Human Biology	Summer research mentor HB-REX fellowship	Medical student, University of NC
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”	MBA student, UCLA
06/12-08/12; 05/13-07/13	Jacob Moss Lewis and Clark	Summer Research mentor	Post-Baccalaureate Student, UC Berkeley
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 CO
03/12-02/13	Amanda Manorot Human Biology	Research mentor Bio-X fellowship	Medical student, University of Iowa
11/09-06/12	Kaeli Yuen Biology	Research mentor Bio-X fellowship Major Grant award Honors thesis advisor/first reader	Earned: MD (USC) Now: Human Diagnosis Project
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
11/09-06/12	Serena Tanaka Human Biology	Research mentor HB-REX fellowship Small Grant Award Human biology internship	PhD student, UCSF

UNDERGRADUATE STUDENT RESEARCH MENTOR CONT.

<u>Dates</u>	<u>Students</u>	<u>Relationship and Student Awards</u>	<u>Current Position</u>
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	Katy Brewster Human Biology	Research mentor HB-REX fellowship Human biology internship	Earned: MD (Columbia University); Past: Psychiatry residency and chief resident, Columbia University; Now: Geriatric Psychiatry Fellow, 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; Now: Hyperbaric and Undersea Medicine fellow, UCSD

UNDERGRADUATE STUDENT COMMITTEE MEMBER

<u>Dates</u>	<u>Students</u>	<u>Relationship and Student Awards</u>	<u>Current Position</u>
05/16-05/17	Angela Cattani Biology	Second reader, undergraduate honors thesis (Mentor: Russ Fernald)	NIH IRTA fellow

UNDERGRADUATE FACULTY ADVISOR

<u>Dates</u>	<u>Students</u>	<u>Major</u>
06/19-	Alexa Thomson	Human Biology
05/19-	Callum Trainor	Human Biology
05/19-	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