James Patrick Curley, PhD

Associate Professor
Department of Psychology, University of Texas at Austin
SEA 4.208, 108 E. Dean Keeton Stop A8000, Austin, TX 78712-1043
Email: curley@utexas.edu

Education and Employment

July 2017 – present	Associate Professor, Department of Psychology, University of Texas at Austin
July 2017 – present	Adjunct Assistant Professor, Department of Psychology, Columbia University
July 2015 – July 2017	Faculty Member, Center for Integrative Animal Behavior, Columbia University
July 2012 – July 2017	Assistant Professor, Department of Psychology, Columbia University
June 2009 – June 2012	Associate Research Scientist, Department of Psychology, Columbia University
Sep 2007 – June 2009	Lecturer, Department of Psychology, Columbia University
Jan 2010 – Jul 2010	Adjunct Professor, Biology Department, Barnard College
Sep 2007 – May 2009	Post-doctoral Research Scientist, Department of Psychology, Columbia University
Oct 2005 – Oct 2007	Charles and Katharine Darwin Research Fellow, Darwin College, University of Cambridge
Oct 2003 – Sep 2007	Post-Doctoral Research Fellow, Dept. of Animal Behaviour, University of Cambridge
Oct 1999 – Mar 2003	PhD, Department of Animal Behaviour & King's College, University of Cambridge
Oct 1996 – Jun 1999	BA (Hons), Human Sciences, Somerville College, University of Oxford, UK.

Research Focus

General:	Behavioral neuroscience
Basic Science:	Social complexity and dynamics
	Neurobiology of social behavior
	Statistical and computational approaches to social behavior
	Behavioral development
Translational:	Disorders of social behavior

Funding & Awards

- Lenfest Distinguished Faculty Award, Columbia University; 2017.
- Charles and Katharine Darwin Research Fellowship, Darwin College; 2005-2008
- Royal Society Research Grant; February 2006 – February 2007
- Association for the Study of Animal Behaviour Grant; October 2005 – July 2006
- Nuffield Student Bursary Award; August 2005
- BBSRC Special Studentship – PhD; 1999-2002
- University of Oxford, Bielby Exhibition Scholarship and made scholar of Somerville College; 1997

Publications (H index = 29)

1. Curley, JP, 2003, The effect of a paternally expressed gene *Peg3* on mammalian development, behaviour and evolution, PhD thesis, University of Cambridge.

2. Curley JP, Barton SC, Surani AM & Keverne EB, 2004, Co-adaptation in mother and infant regulated by a paternally expressed imprinted gene, *Proc Roy Soc Ser B* 271: 1303-1309.

3. Keverne EB & **Curley JP**, 2004, Vasopressin, oxytocin and social behaviour, *Current Opinion in Neurobiology* 14(6):777-783.

4. Curley JP & Keverne EB, 2005, Genomic Imprinting and Behaviour. In: Dunn M., Jorde L., Little P. & Subramaniam S. (Eds), *Encyclopedia of Genetics, Genomics, Proteomics and Bioinformatics*, Wiley: Chichester, UK.

5. Curley JP, Pinnock S, Dickson S, Thresher R, Miyoshi N, Surani MA & Keverne EB, 2005, Increased body fat in mice with a targeted mutation of the paternally expressed imprinted gene Peg3. *FasebJ*. 19(10):1302-1304.

6. Curley JP & Keverne EB, 2005, Genes, Brains and Mammalian Social Bonds, *Trends in Ecology and Evolution* 20:561-567.

7. Champagne FA & **Curley JP**, 2005, How social experiences influence the brain, *Current Opinion in Neurobiology* 15:704-709.

8. Broad KD, **Curley JP** & Keverne EB, 2006, Mother-infant bonding and the evolution of mammalian social relationships, *Phil. Trans. Roy. Soc.* 361: 2199-2214.

9. Champagne FA, **Curley JP**, Bateson PPG & Keverne EB, 2007, Natural variations in postpartum maternal care in inbred and outbred mice. *Physiology & Behavior*. 91: 325-334.

10. Swaney WT, **Curley JP**, Champagne FA & Keverne EB, 2007, Genomic imprinting mediates sexual experience-dependent olfactory learning in male mice, *PNAS* 104: 6084-6089.

11. Stevenson-Hinde J, **Curley JP**, Chicot R & Jóhannsson C, 2007, Anxiety within families: Consistency and change across time. *Family Process* 46: 543-556.

12. Champagne FA & **Curley JP**, 2007, Studying the epigenetic influence of maternal care in rodents, In Crawley J (ed) What's wrong with my mouse? Strategies for Rodent Behavior Phenotyping, San Diego, CA: Society for Neuroscience.

13. Swaney WT, **Curley JP**, Champagne FA & Keverne EB, 2008, The paternally expressed gene Peg3 regulates sexual experience-dependent preferences for estrous odors, *Behav Neuro* 122: 963-973.

14. Nikonova L, Koza RA, Mendoza T, Chao PM, **Curley JP** & Kozak LP, 2008, Mesoderm-specific transcript is associated with fat mass expansion in response to a positive energy balance, *FasebJ* 22: 3925-3937.

15. Champagne FA & **Curley JP**, 2008, Maternal regulation of ERa methylation, *Current Opinion in Pharmacology* 8: 735-739.

16. Keverne EB & **Curley JP**, 2008, Epigenetics, brain evolution and behaviour, *Frontiers in Neuroendocrinology* 29: 398-412.

17. Curley JP & Keverne EB, 2008, Epigenetics & Psychology, p345-347, In: S. Lopez (ed), 'Encyclopedia of Positive Psychology', Blackwell: London.

18. Curley JP, 2008, Parent-of-origin effects on maternal behavior, p319-332, In R. Bridges (ed). "Neurobiology of the Parental Brain", Academic Press.

19. Curley JP, Champagne FA, Bateson P & Keverne EB, 2008, Transgenerational effects of impaired maternal care on behaviour of offspring and grandoffspring. *Animal Behaviour* 75: 1551-1561.

20. Champagne FA & **Curley JP**, 2009, Epigenetic mechanisms mediating the long-term effects of maternal care on development, *Neurosci Biobehav Rev*. 33: 593-600.

21. Curley JP, Jordan E, Swaney WT, Izraelit A, Kammel S & Champagne FA, 2009, The Meaning of Weaning: Influence of the Weaning Period on Behavioral Development in Mice, *Developmental Neuroscience* 31: 318-331.

22. Broad KD, **Curley JP** & Keverne EB, 2009, Increased apoptosis during neonatal brain development underlies the adult behavioural deficits seen in mice lacking a functional paternally expressed gene-3 (Peg-3), *Dev Neurobiology* 69: 314-325.

23. Champagne FA & **Curley JP**, 2009, The trans-generational influence of maternal care on offspring gene expression and behavior in rodents, In Maestripieri D & Matteo JM. (eds) The role of maternal effects in mammalian evolution and adaptation. Chicago University Press: Chicago, USA.

24. Champagne FA, **Curley JP**, Hasen N, Swaney WT & Keverne EB, 2009, Paternal influence on female behavior: The role of Peg3 in exploration, olfaction and neuroendocrine regulation of maternal behavior of female mice, *Behav Neurosci.* 123: 469-480.

25. Alter MD, Gilani AI, Champagne FA, **Curley JP**, Turner J.B. & Hen R, 2009, Paternal transmission of complex phenotypes in inbred mice. *Biological Psychiatry.* 66: 1061-1066.

26. Curley JP, Davidson S, Bateson P & Champagne FA, 2009, Social enrichment during postnatal development induces transgenerational effects on emotional and reproductive behavior in mice, *Frontiers in Behavioral Neuroscience.* 3(25): 1-14.

27. Champagne FA & **Curley JP**, 2010, Maternal behaviour as a modulating influence on infant development, In Blumberg MS, Freeman JH & Robinson SR. (eds) Developmental and Comparative Neuroscience: Epigenetics, Evolution & Behavior. Oxford University Press: Oxford, UK.

28. Curley JP, Rock V, Moynihan AM, Bateson P, Keverne EB & Champagne FA, 2010, Developmental shifts in the behavioral phenotypes of inbred mice: The role of postnatal and juvenile social experiences, *Behavior Genetics*. 40: 220-232.

29. Curley JP & Mashoodh R 2010, Parent-of-origin and trans-generational germline influences on behavioral development: the interacting role of mothers, fathers and grandparents. *Developmental Psychobiology*. 52: 312-330.

30. Curley JP, Mashoodh R & Champagne FA, 2010, Transgenerational Epigenetics, In Tollefsbol TO (ed) Handbook of epigenetics: the new molecular and medical genetics. p 391-403 Academic Press, Oxford UK.

31. Curley JP, Jensen CL, Mashoodh R & Champagne FA, 2011, Social modulation of neural circuits: Implications for the emotional brain, *Psychoneuroendocrinology* 36: 352-371.

32. Curley JP, Mashoodh R & Champagne FA, 2011, Epigenetics and the origins of paternal effects, *Horm & Behav* 59: 306-314.

33. Curley JP, 2011, The mu-opioid receptor and the evolution of mother-infant attachment: Theoretical comment on Higham et al. (2011), *Behavioral Neuroscience* 125: 273-278.

34. **Curley JP** & Champagne FA, 2011, "Epigenetic influence of the social environment" in *Brain, Behavior, and Epigenetics*. pp.185-208. Eds. Petronis A, Mill J. Springer-Verlag: Heidelberg.

35. **Curley JP**, 2011, Is there a genomically imprinted social brain? BioEssays 33: 662-8.

36. Franks B, **Curley JP** & Champagne FA, 2011, "Measuring variations in maternal behaviour: Relevance for studies of mood and anxiety" in *Mood and Anxiety Related Phenotypes in Mice: Characterization Using Behavioral Tests*. Ed. Gould T.

37. Curley JP & Champagne FA, 2012, "The genetics and epigenetics of parental care" in *The Evolution of Parental Care*. Eds Royle N, Smiseth PT & Kolliker M.

38. **Curley JP**, Jensen CL, Franks B & Champagne FA, 2012, Individual differences in anxiety and maternal care are associated with unique patterns of oxytocin and vasopressin 1a receptors in the lateral septum. *Hormones & Behavior* 61: 454-461.

39. Swaney WT, Dubose BN, **Curley JP** & Champagne FA, 2012, Sexual experience affects reproductive behaviour and preoptic androgen receptors in male mice, *Hormones & Behavior* 61: 472-478.

40. Mashoodh R, Franks B, **Curley JP** & Champagne FA, 2012, Paternal social enrichment effects on maternal behavior and offspring growth. *Proceedings of the National Academy of Sciences USA.* 109: 17232-17238.

41. Branchi I, **Curley JP**, D'Andrea I, Cirulli F, Champagne FA & Alleva E, 2013, Early interactions with mother and peers independently build adult social skills and shape BDNF and oxytocin receptor brain levels, *Psychoneuroendocrinology* 38: 522-532.

42. **Curley JP** & Branchi I, 2013, The ontogeny of animal personalities, In Carere C & Maestripieri D (eds) *Animal Personalities*. Chicago University Press: Chicago.

43. Bateson P & **Curley JP,** 2013, Developmental approaches to behavioural biology, In: Wessel, A., Menzel, R. & Tembrock, G. (eds). *Quo Vadis, Behavioural Biology – Past, Present, and Future of an Evolving Science.* (Nova Acta Leopoldina N.F., 380) Wissenschaftliche Verlagsgesellschaft Stuttgart, Stuttgart: 7-11.

44. Silver R & **Curley JP**, 2013, Mast cells on the mind: new insights and opportunities, *Trends in Neurosciences* 36: 513-521.

45. Patten MM, Ross L, **Curley JP**, Queller DC, Bondurinasky R & Wolf JB, 2014, The evolution of genomic imprinting: theories, predictions, and empirical tests, *Heredity* 113: 119-128.

46. Champagne FA & **Curley JP,** 2015, Epigenetic effects of parental care within and across generations. In: *The Family Emotional System: An Integrative Concept for Theory, Science and Practice*. Lexington Books.

47. Brunelli SA, **Curley JP,** Gudsnuk K, Champagne FA, Myers MM, Hofer MA & Welch MG, 2015, Variations in maternal behavior in rats selected for infant ultrasonic vocalization in isolation, *Hormones and Behavior* 75:78-83.

48. Franks B, Champagne FA & **Curley JP,** 2015, Postnatal maternal care predicts divergent weaning strategies and the development of social behavior. *Developmental Psychobiology* 57(7):809-17.

49. So N, Franks B, Lim S & **Curley JP**, 2015, Behavioral and neuroendocrine analyses of mouse social networks and dominance hierarchies, *PLoS One*. 10(7): e0134509.

50. **Curley JP** & Champagne FA, 2016, Influence of Maternal Care on the Developing Brain: Mechanisms, Temporal Dynamics and Sensitive Periods, *Frontiers in Neuroendocrinology* 40:52-66.

51. Williamson C, Lee W & **Curley JP**, 2016, Temporal Dynamics of Social Hierarchy Formation and Maintenance in Male Mice. *Animal Behaviour*. 115:259-72.

52. Curley JP, 2016, Temporal Pairwise-Correlation Analysis Provides Empirical Support for Attention Hierarchies in Mice, *Biology Letters*. 12(5):20160192.

53. Williamson C, Franks B & **Curley JP**, 2016, Mouse Social Network Dynamics and Community Structure are Associated with Brain Plasticity-Related Gene Expression. *Frontiers in Behavioral Neuroscience*. 10:152.

54. Champagne FA & Curley JP, 2016, Plasticity of the maternal brain across the lifespan. In H. J. V. Rutherford & L. C. Mayes (Eds.), Maternal brain plasticity: Preclinical and human research and implications for intervention. *New Directions for Child and Adolescent Development,* 153:9–21.

55. Williamson C, Romeo R & **Curley JP**, 2017, Dynamic changes in social dominance and mPOA GnRH mRNA expression in male mice following social opportunity. *Hormones & Behavior* 87:80-88.

56. Williamson C, Lee W, Romeo R & **Curley JP**, 2017, Relationships between mouse dominance rank and plasma testosterone and corticosterone are dependent upon social context. *Physiology & Behavior* 171:110-119.

57. Kennedy-Smith R, Wiqas A & **Curley JP**, 2017, Evidence for mast cell-mediated zinc homeostasis: Increased labile zinc in the hippocampus of mast-cell deficient mice. *Neuroscience Letters* 650: 139-145.

58. **Curley JP** & Oschner K, 2017, How the brain represents social networks, *Nature Human Behavior* 1:0104.

59. Curley JP, Mashoodh, R, Champagne FA , 2017, Transgenerational Epigenetics. In Handbook of Epigenetics: The New Molecular and Medical Genetics (2nd Edition). Academic Press.

60. Lee W, Khan A, & **Curley JP**, 2017, Major urinary protein levels are associated with male social status and social context in mouse social hierarchies. *Proceedings Royal Society B.* 284: 20171570.

61. Vuorre M & **Curley JP**, (in press), Curating Research Assets in Behavioral Sciences: A Tutorial on the Git Version Control System. *Advances in Methods and Practices in Psychological Science.*

Statistical and Data Visualization Software

1. Curley JP, 2015, musicnotationR: Producing music notation social graphs. R package version 0.1
2. Curley JP, 2016, compete: Analysing competitive interaction data. R package version 0.1. CRAN.
3. Curley JP, 2016, hierformR: Analysis of Hierarchy Formation Dynamics. R package version 0.1. CRAN.
4. Curley JP, 2015, apportR: Apportionment Methods. R package version 0.1
5. Curley JP, 2017, ratingsR: Ranking and Rating Methods. R package version 0.1. https://github.com/jalapic/ratingsR

Poster Presentations [Limited to Research Conducted last 3 years]

1. Lee W, Dowd H, Nikain C, Norman T, Yang E & **Curley JP** (2017) Effect of relative social rank within a social hierarchy on neural activation in response to familiar or unfamiliar social signals. *Society for Social Neuroscience Annual Meeting*.

2. Williamson CM, Lee W, Klein I & **Curley JP** (2017) Immediate early gene activation throughout the social behavior network in response to dynamic changes in social status**,** *Society for Social Neuroscience Annual Meeting*.

3. Curley JP, Williamson C, Lee W, Klein I & Dowd H (2016) Immediate Early Gene Activation in the Social Decision-Making Network is Associated with Dynamic Social Behavior in Social Hierarchies, *Society for Social Neuroscience Annual Meeting*.

4. Williamson C, Klein I, Lee W & **Curley JP** (2016) Whole Brain Mapping of Immediate Early Gene Activation in Response to Dynamic Changes in Social Context and Status. *Society for Behavioral Neuroendocrinology Annual Meeting*

5. Lee W, Norman T, Dowd H & **Curley JP** (2016) Effect of relative social rank within a social hierarchy on major urinary protein production and neural activation, *Society for Behavioral Neuroendocrinology Annual Meeting*.

6. Johnsson B, LeSauter J & **Curley JP** (2016) Characterization of Microglia in Multiple Brain Regions of Dominant and Subordinate Mice. *Psychoneuroimmunology Research Society*.

7. Williamson C, Romeo R & **Curley JP** (2015) Rapid Changes in Brain Gene Expression Following Ascent in a Social Hierarchy. *Society for Social Neuroscience Annual Meeting*.

8. Johnsson B, LeSauter J & **Curley JP** (2015) Differences in Microglia Morphology are Associated with Social Hierarchy Status and Social Stress. *Psychoneuroimmunology Research Society*.

9. Williamson C, Lee W, Romeo R & **Curley JP** (2015) The role of hypothalamic gonadotropin-releasing hormone (GnRH) in regulating dynamic changes in mouse social status within a social hierarchy. *Society for Behavioral Neuroendocrinology Annual Meeting*.

10. Curley JP (2014) Behavioral and neuroendocrine analyses of mouse social networks and dominance hierarchies. *Society for Social Neuroscience Annual Meeting*

11. Franks, B. & **Curley, J. P.** (2014) Social dynamics of mice living in complex laboratory environments. *International Society for Applied Ethology. Vitoria-Gastiez, Spain.*

12. Franks, B. & **Curley, J. P.** (2014) Social dynamics and network analyses of laboratory mouse behavior. *Animal Behavior Society. Bolder CO, USA*

Invited Talks (2011-2017)

Temporal dynamics of social behavior in mouse social hierarchies
Society for Social Neuroscience Meeting, Washington DC, Nov 2017

Coordination of contextually appropriate social behavior in dominance hierarchies
NYU Advances in Memory Meeting, NYU, May 2017

Visualizing Social Interactions in Social Networks
The Art of Data Visualization Event Series Invited Talk, Columbia University, April 2017

Reproducible Research Using R & RStudio
The Art of Data Visualization Event Series Invited Talk, Columbia University, April 2017

Power Dynamics in Social Hierarchies
Psychology Dept, Columbia University, March 2017

Social Dynamics of Mouse Dominance Hierarchies
Neuroscience Program, University of Scranton, October 2016

Complex Dynamics of Social Hierarchies and Networks
Psychology Dept, UT Austin, October 2016

Social Dynamics of Mouse Dominance Hierarchies
Brooklyn College, Sept 2016

Using the R Programming Language to Foster Reproducibility and Collaboration in Psychological Research
APA, Denver, Aug 2016

Complex Social Dynamics Within Mouse Social Hierarchies
Society for Behavioral Neuroendocrinology Annual Meeting, Montreal Canada, August 2016

Studying Complex Animal Social Networks
Columbia University Child and Adolescent Psychiatry Division, June 2016

Temporal Dynamics of Social Hierarchy Formation and Maintenance in Group-Living Mice
E3B Colloquium Talk, E3B, Columbia University, New York, April 2016

Analyzing play-by-play event data
Columbia University Statistics Club, Invited Talk, Apr 2016

Social plasticity and flexibility in Mouse Social Networks
Fordham University, Invited Talk, Apr 2016.

Using interactive d3.js visualizations to communicate academic research findings
Data Science Institute & The Brown Institute Space, Columbia School of Journalism, Apr 2016.

Spatiotemporal Dynamics of Mouse Dominance Hierarchies and Social Networks
Sackler Institute, Columbia University, New York, Jan 2016

The neurobiology of social hierarchies
Cognitive Neuroscience Division, Columbia University, New York, Oct 2015

The Dynamics of Mouse Social Hierarchies & Networks
Animal Behavior University Seminar, Columbia University, New York, Sep 2015

Complex dynamics of mouse social networks
Department of Psychology., Yale University, New Haven, Apr 2015

The neurobiology of social hierarchies
Department of Psychology., Cornell University, Ithaca, Feb 2015

The neurobiology of social hierarchies
ISDP Winter Meeting, Turks & Caicos, Jan 2015

The neurobiology of social networks and dominance hierarchies
Department of Psychology, Columbia University, New York, April 2014.

The neurobiology of complex social behavior in mice
Department of Psychology., Michigan State University, East Lansing, March 2014

Advanced analyses of complex social behavior in mice
Neuroendocrinology Division, Rockefeller University, New York, May 2013

The development of complex social behaviour
International Society for Developmental Psychobiology Annual Meeting, New Orleans, LA, Nov 2012

Social enrichment during early-life facilitates the ability of individuals to establish their own social dominance status in adulthood
Nanosymposium, Society for Neuroscience Annual Meeting, New Orleans, LA, Nov 2012

The development of complex social behaviour
Society for Behavioral Neuroendocrinology Annual Meeting, Madison WI, June 2012

The development of individual differences in mouse social behaviour
Columbia University Developmental Psychobiology Fellow's Meeting, Columbia University, New York, May 2012

Paternal Transmission of Phenotype: Evidence from Animal Models
Annual Meeting of the American Psychopathological Association, New York, March 2012

Development of the social brain and behavior: psychological and biological perspectives
Department of Psychology, Columbia University, New York, March 2012

Genomic imprinting and animal behaviour
NESCENT meeting on 'The Evolution of Genomic Imprinting', Durham NC, Dec 2011

Trans-generational developmental effects of social enrichment
Linkoping University, Sweden, June 2011

Can paternal experiences influence offspring development?
Institute of Human Nutrition, Columbia University, New York, May 2011

Epigenetics and the origin of paternal effects
Mailman School of Public Health, Columbia University, New York, April 2011

Workshops (2011-2017)
1. An integrative understanding of the evolution of genomic imprinting, The National Evolutionary Synthesis Center: NESCent, North Carolina 2011.

2. Workshop in Collective Modeling, New Jersey Institute of Technology, New Jersey 2016.

3. Data-Driven Modeling of Collective Behavior and Emergent Phenomena in Biology, The Statistical and Applied Mathematical Sciences Institute SAMSI, North Carolina 2017.

Teaching (2008-present):

Instructor, Department of Psychology, University of Texas at Austin, TX

Fall 2017- present	PSY 394U "R programming for Behavioral Scientists" – graduate course.
Spring 2018 - present	PSY 418 Research Methods and Statistics – undergraduate course.

Instructor, Department of Psychology, Columbia University, NY

Fall 2014- Fall 2016	"R programming for Behavioral Scientists" –workshop meeting weekly for 20 weeks/year
Fall 2014-Fall 2016	"Communicating Science" – 6000 level graduate student seminar
Spring 2014	"Scientific Ethics & Methods" – 6000 level graduate student seminar
Spring 2014- Spring 2017	"Social Development" – 2000 level undergraduate lecture course
Fall 2013-present	"Neurobiology of Social Behavior" - 4000 level undergraduate & graduate seminar course
Fall 2010-present	"Brain Evolution: Becoming Human" – 3000 level undergraduate seminar course
Spring 2008-2010	"Children at Risk" – 3000 level undergraduate seminar course

Instructor, Biology Department, Barnard College, NY

Spring 2010	"Animal Behavior" – 2000 level undergraduate lecture course.

Instructor, Data Science Institute, Columbia University, NY

Fall 2015	Instructor on Data Visualization - Data Science and Analytics XSeries | ColumbiaX on edX, Data Science Institute, Columbia University

Training and Student Supervision

Post-doctoral Research Trainees – Columbia University:

Becca Franks	Nov 2012-Jan 2014	Received a pre-faculty fellowship from UBC.
Rachel Kennedy-Smith	Jul 2013-Sep 2015	NSF Fellowship

Graduate Research Trainees – Columbia University:

Cait Williamson	Sep2014-present	PhD student, Psychology, Columbia University
Won Lee	Jun 2015-present	PhD student Psychology, Columbia University.
Shuhao Wu	July 2016- Jun 2017	MSc in Electrical Engineering, Columbia University.
Susie Lee	Jan 2015-July 2015	PhD Rotation student, NYU Physical Anthropology PhD.
Caitlin Cherry	Sep 2015- Jan2016	MS in Neuroscience, Teacher's College, Columbia University.
Bang Zhang	July 2015-present	MS in Quantitative Methods in Social Sciences, Columbia University.

Ziheng Huang	Jan 2015-July 2015	MS in Statistics, Columbia University.
Ke Shen	Jan 2015- July 2015	MS in Statistics, Columbia University.
Jiayi Fu	Jan 2015-July2016	MS in Statistics, Columbia University.
Chuyao Shen	Jan 2015- July 2015	MS in Statistics, Columbia University.
Won Lee	Jan 2014-Jun 2015	MS in Neuroscience, Teacher's College, Columbia University.
Billie Johnsson	Sep2013- Jun 2017	MS in Neuroscience, Teacher's College, Columbia University.
Nina So	Aug2013-Jan2014	PhD Rotation student, Columbia Neurobiology & Behavior PhD
Neal Bouwman	Jan 2013-Dec 2013	MS in Neuroscience, Groningen University, Netherlands.

Post-graduate Research Assistants – Columbia University:

Cyrus Nikain (Syracuse)	June 2016-Mar2017
Pam Farago (Georgetown)	July 2013-Jan2014
Christal Leon (Barnard):	January 2014-July2014

Undergraduate Research Trainees – Columbia University:

* Honors students $ Barnard College – Senior Research Thesis

Eilene Yang	Sep 2016 - present		
Giovanna Regis[$]	Mar 2016- Jun 2017	Myriam Belghiti	Jun2016- Jun 2017
Riley Hunzeker	Mar 2016- Jun 2017	Riley Burke	Jul 2016- Jun 2017
Inbal Klein	Jan 2016-present	Nina Mandracchia	Jul 2016- Jun 2017
Hollie Dowd[$]	July 2015-Jan2017	Maria Tsiatis[$]	July 2015-June2016
Thomas Norman	Sep 2015- Jun 2017	Kate Poulson[$]	Jan 2015-Dec2015
Kat Broekman	Jan 2015-present	Maya Anand	Jan 2015-July 2015
Aris Prince	Spring 2014-July 2015	Elie Bleier	Spring 2014-Fall 2014
Avinash Reddy	Spring 2013-Jan2017	Kaleel Wainwright	Spring 2013-July 2015
Ryan Veling	Spring 2013-Fall 2014	Aaron Hume	Fall 2014-Jan 2015
Jun Young Kwak[$]	Spring 2013-July 2015	Ariel Feifel	Spring 2013
Christal Leon[$]	Spring 2013-Jan2014	Melissa Vargas	Fall 2012 - Spring2013
Sean Lim	Spring 2014 - Fall 2014	Alexandra Rice	Spring 2009 - Spring 2010
Zach Christian	Spring 2013-July 2015	Morgan Firestein	Fall 2011 - Spring 2013
Starlyte Harris	Fall 2012-Spring 2014	Emily Jordan*	Fall 2007- Fall 2009
David Gabriel	Fall 2012-July 2015	Stephanie Davidson	Spring 2007- Spring 2009
Johnine Licht	Spring 2013-Dec2013	Asya Izraelit	Fall 2007
Nicole Bernestein	Spring 2013-Dec 2013	Brittany Dubois	Spring 2007-Spring 2008
Ana Luiza Altaffer	Fall 2011-Spring 2014		
Emma Draper-Reich*	Fall 2010 - May 2012		

Post-Baccalaureate Trainees – Columbia University

Shaness Grenald	Bridge Scholar Program Fall 2009-2011
Patrick Whelton	Columbia's Summer Research Program for Science Teachers 2009-2010

Undergraduate Research Trainees – Cambridge University:

Victoria Rock*	Fall 2006	Kim Dawson*	Fall 2004
Stephen Town*	Fall 2005	Kathryn Williams*	Fall 2004
Ana Moynihan*	Fall 2005		

Graduate Student PhD Thesis Defense External Assessor

Skyler Mooney, July 2015, Department of Psychology, University of Toronto
Title: 'The oxytocinergic regulation of social behaviour and the identification of task specialization in the eusocial naked mole-rat'

Joseph Scarpa, May 2016, Graduate School of Biomedical Sciences at the Icahn School of Medicine at Mount Sinai,
Title: "Using a multiscale systems genetics approach to identify gene networks underlying sleep, stress susceptibility, and neuropsychiatric disease"

Graduate Student PhD Thesis Defense Committee * Chair

Becca Franks	Psychology Department, Columbia University, Ph.D. candidate, Fall 2011
Rahia Mashoodh	Psychology Department, Columbia University, Ph.D. candidate, Spring 2014
Diana Keith	Psychology Department, Columbia University, Ph.D. candidate, Spring 2014
Christine Webb	Psychology Department, Columbia University, Ph.D. candidate, Spring 2015
*Matt Bailey	Psychology Department, Columbia University, Ph.D. candidate, Spring 2017
*Nicole Thompson	Ecology, Evolution & Behavior Department, Columbia University, Ph.D. candidate, Fall 2017

Graduate Student PhD Thesis Advising Committee

Christine Webb	Psychology Department, Columbia University, Ph.D. candidate
Nicole Thompson	Ecology, Evolution & Behavior Department, Columbia University, Ph.D. candidate
Yi-Ru Cheng	Ecology, Evolution & Behavior Department, Columbia University, Ph.D. candidate
Raphael Gerraty	Psychology Department, Columbia University, Ph.D. candidate
Cait Williamson	Psychology Department, Columbia University, Ph.D. candidate
Won Lee	Psychology Department, Columbia University, Ph.D. candidate
Susie Lee	Physical Anthropology Department, New York University, Ph.D. candidate
Matt Bailey	Psychology Department, Columbia University, Ph.D. candidate
Kaytee Turetsky	Psychology Department, Columbia University, Ph.D. candidate
Matt Sisco	Psychology Department, Columbia University, Ph.D. candidate
Song Qi	Psychology Department, Columbia University, Ph.D. candidate

Graduate Student PhD Directed Reading

Nicole Thompson	Ecology, Evolution & Behavior Department, Columbia University, Ph.D. candidate

Graduate Student MSc Supervisor

Samantha Monier	Ecology, Evolution & Behavior Department, Columbia University, MSc. candidate

Professional Memberships

Society for Social Neuroscience
International Society of Developmental Psychobiology
Society for Behavioral Neuroendocrinology
Society for Neuroscience

Society Service

Aug 2017 – present	Board Member - Society for Social Neuroscience

Editorial Boards & Committees

2017-2017	Editor of Research Topic "Social Decision Making in Animals" in *Frontiers in Behavioral Neuroscience*
2014-present	Reviewing Editor at *Frontiers in Behavioral Neuroscience*
2010-2012	Reviewing Editor at *European Journal of Neuroscience*

Meetings & Seminars Organization

Nov 2017	Neural Representations of Social Networks and Contexts – Society for Social Neuroscience Annual Meeting, Washington DC.
Aug 2016	Social Dynamics Symposium - Society for Behavioral Neuroendocrinology Annual Meeting, Montreal, Canada.
Jan 2015-Jun 2017	Columbia University Developmental Network Group, Columbia University
Jan 2014- Jun 2017	Columbia University Animal Behavior & Population Biology Seminar Series, Columbia University
Sep 2013- Jun 2017	Co-Chair, Columbia University Behavioral and Cognitive Neuroscience Seminar Series, Columbia University
Jun 2012	Approaches to Social Behavior Research Workshop - Society for Behavioral Neuroendocrinology Annual Meeting
Oct 2006-Oct 2007	Lunchtime Science Seminar Series, Darwin College, University of Cambridge
Oct 2006	Behavioral Epigenetics Workshop – Department of Psychiatry, University of Cambridge
Oct 2003 -Oct 2007	Animal Behaviour Seminar Series - Dept. of Animal Behaviour, University of Cambridge

Ad hoc reviewer for the following journals:

Aggressive Behavior
Animal Behaviour
Behaviour
Behavioral Brain Research
Behavioral Genetics
Behavioral Neuroscience
Bioessays
Biological Psychiatry
Brain Sciences
Current Opinion in Behavioral Sciences
Communications Biology
Developmental Neurobiology
Developmental Psychobiology
Developmental Psychology
Endocrinology
Epigenomics
Ethology
American Psychologist
European Journal of Neuroscience
Frontiers in Behavioral Neuroscience
Frontiers in Neuroendocrinology
Genes Brain Behavior
Hippocampus
Hormones & Behavior
Human Molecular Genetics
Social Neuroscience
International Journal of Ethology
Journal of Comparative Neurology
Journal of Experimental Zoology: Part A
Journal of Mammology
Journal of Neural Transmission
Journal of Neuroendocrinology
Journal of Neuroscience
Mammalian Genome
Molecular Autism
Neuroendocrinology
Neuropharmacology
Neuropsychopharmacology
Neuroscience
Neuroscience and Biobehavioral Reviews
Neuroscience Letters
Pharmacology, Biochemistry and Behavior
PLOSOne
Proceedings of the Royal Society Series B
Psychoneuroendocrinology
Science
Scientific Reports

Grant Reviews & Review Committees

2017	NSERC – Canada
2017	RISE – Columbia University.
2014	BBSRC – UK
2014	Swiss National Science Foundation, Switzerland
2013	Netherlands Organization for Scientific Research, Netherlands
2013	The Leverhulme Trust, UK

Research Collaborations

Department of Psychology, University of Texas at Austin:

Dr. Frances Champagne:	epigenetic basis of parental and social behavior

Department of Psychology, Columbia University:

Dr. Valerie Purdie-Vaughns	social network analysis of friendship and study networks e.g. applying assortativity measures
Dr. Kevin Ochsner:	social network neuroscience

Department of Statistics, Columbia University:

Dr. Tian Zheng:	statistical modelling of social behavior

Department of Ecology, Evolution & Environmental Biology

Dr. Dustin Rubenstein	phylogenetic analysis of social dominance & social network analysis of birds

Department of Psychology, Barnard College:

Dr. Russ Romeo:	hormonal mechanisms of social dominance and aggression

Department of Sociology, Stony Brook University

Dr. Ivan Chase	dynamics of social hierarchies across species

Committee Membership and Service – Columbia University

2015-2017	Elected member of the Junior Faculty Advisory Board
2015-2017	Developmental Network Group, Columbia University.
2014-2017	Integrative Animal Behavior Seminar Series, Columbia University.
2013-2017	Behavioral and Cognitive Neuroscience Seminar Series, Columbia University.

Committee Membership and Service – Psychology Department, Columbia University

2013-2017	Director of Undergraduate Studies, Department of Psychology
2013-2017	Department of Psychology Curriculum Committee, Columbia University
2013-2017	Organizer of Masters Graduate Student talks
2015	Department of Psychology-MBBI Job Search Committee Member
2014-2017	R Programming workshops
2014	Chair of website committee