NAOMI NAGAYA, PHD

Texas A&M University
ILSB 3200A
301 Old Main Drive
3474 TAMU
College Station, TX 77843-3474
Phone: (979) 458-5513
E-mail: nagaya@tamu.edu

RESEARCH INTERESTS:

My research focuses on the hormonal regulation of behavior, particularly the role for neurosteroids in fear, anxiety, and emotional learning and memory.

EDUCATION:

1993	**Ph.D.** in Biological Sciences (Neurobiology) University of Southern California, Los Angeles, CA
1984	**B.S.** in Biological Sciences Stanford University, Stanford, CA

APPOINTMENTS:

2012-	**Research Assistant Professor**, Department of Psychological and Brain Sciences and Institute for Neuroscience, Texas A&M University, College Station, TX
2007-2012	**Lecturer**, Departments of Molecular, Cellular, and Developmental Biology and Psychology, University of Michigan, Ann Arbor, MI
2001-2011	**Research Investigator**, Department of Molecular, Cellular, and Developmental Biology, University of Michigan, Ann Arbor, MI
1996-2001	**Research Fellow**, Department of Neurology, University of Michigan Medical Center, Ann Arbor, MI
1993-1996	**Postdoctoral Fellow**, Department of Physiology, University of California, Los Angeles School of Medicine, Los Angeles, CA

HONORS AND AWARDS:

1996 Second Prize (Basic Science), Laverna Titus Young Investigators Forum, American Heart Association, Greater Los Angeles Affiliate

1991 Women in Neuroscience Travel Award, Society for Neuroscience

1989 Travel Fellowship for Minority Neuroscientists, Society for Neuroscience

1988 Student, *Neural Systems and Behavior* Summer Course (5T35MH017041-07), *National Institute of Mental Health*, Marine Biological Laboratory, Woods Hole, MA

GRANT FUNDING:

1998-1999 Modulation of γ-aminobutyric acid type A receptor assembly by phosphorylation, *Epilepsy Foundation of America/American Epilepsy Society Research Fellowship*, Department of Neurology, University of Michigan Medical Center, Ann Arbor, $40,000.

1996-1998 Training in Basic and Clinical Neuroscience (5T32NS007222-15), *Institutional National Research Service Award, National Institute of Neurological Disorders and Stroke*, Department of Neurology, University of Michigan Medical Center, Ann Arbor.

1995-1996 Shaker K^+ channels: Subunit folding and assembly, *American Heart Association, Greater Los Angeles Affiliate Postdoctoral Research Fellowship*, Department of Physiology, University of California, Los Angeles School of Medicine, $28,000.

1993-1995 Training in Cellular Neurobiology (3T32NS007101-15S1), *Institutional National Research Service Award, National Institute of Neurological Disorders and Stroke,* Department of Physiology, University of California, Los Angeles School of Medicine.

PUBLICATIONS:

(1) Acca, G.M., Mathew, A.S., Jin, J., Maren, S., and **Nagaya, N.** (2017). Allopregnanolone induces state-dependent contextual fear via the bed nucleus of the stria terminalis. *Hormones and Behavior* **7**: 137-144.

(2) **Nagaya, N.**, Acca, G.M., and Maren, S. (2015). Allopregnanolone in the bed nucleus of the stria terminalis modulates contextual fear in rats. *Frontiers in Behavioral Neuroscience* **9**:205.

(3) **Nagaya, N.** and Maren, S. (2015). Sex, steroids, and fear. *Biological Psychiatry* **78**: 152-153.

(4) **Nagaya, N.**, Tittle, R.K., Saar, N., Dellal, S.S., and Hume, R.I. (2005). An intersubunit zinc binding site in rat $P2X_2$ receptors. *Journal of Biological Chemistry* **280**: 25982-25993.

(5) **Nagaya, N.** and Macdonald, R.L. (2001). Two γ2L subunit domains confer low Zn^{2+} sensitivity to ternary $GABA_A$ receptors. *Journal of Physiology (London)* **532**: 17-30.

(6) **Nagaya, N.**, Schulteis, C.T., and Papazian, D.M. (1999). Calnexin associates with the Shaker K^+ channel protein during biogenesis but is not involved in quality control of subunit folding or assembly. *Receptors and Channels* **6**: 229-239.

(7) Schulteis, C.T., **Nagaya, N.**, and Papazian, D.M. (1998). Subunit folding and assembly steps are interspersed during Shaker potassium channel biogenesis. *Journal of Biological Chemistry* **273**: 26210-26217.

(8) **Nagaya, N.** and Papazian, D.M. (1997). Potassium channel α and β subunits assemble in the endoplasmic reticulum. *Journal of Biological Chemistry* **272**: 3022-3027.

(9) Schulteis, C.T., **Nagaya, N.**, and Papazian, D.M. (1996). Intersubunit interaction between amino- and carboxyl-terminal cysteine residues in tetrameric Shaker K^+ channels. *Biochemistry* **35**: 12133-12140.

(10) **Nagaya, N.** and Herrera, A.A. (1994). The effects of testosterone on synaptic efficacy at neuromuscular junctions in a sexually dimorphic muscle of the frog (*Xenopus laevis*). *Journal of Physiology (London)* **483**: 141-153.

(11) **Nagaya, N.** (1993). The effects of testosterone on neuromuscular junctions in a sexually dimorphic muscle. Ph.D. dissertation, University of Southern California, ProQuest, UMI Dissertations Publishing. 0574392.

(12) Herrera, A.A., Banner, L.R., Werle, M.R., Regnier, M., and **Nagaya, N.** (1991). Postmetamorphic development of neuromuscular junctions and muscle fibers in the frog cutaneous pectoris. *Journal of Neurobiology* **22**: 15-28.

(13) Herrera, A.A., Banner, L.R., and **Nagaya, N.** (1990). Repeated *in vivo* observation of frog neuromuscular junctions: Remodelling involves concurrent growth and retraction. *Journal of Neurocytology* **19**: 85-99.

INVITED SEMINARS:

2015 **Nagaya, N.** *Sex, steroids, and fear.* School of Behavioral and Brain Sciences, University of Texas, Dallas, TX.

2011 **Nagaya, N.** *Channels, synapses, and behavior.* Department of Psychology, Texas A&M University, College Station, TX.

2006 **Nagaya, N.** *Zinc modulation of P2X receptors.* Institute for Neuroscience, University of Texas, Austin, TX.

1997 **Nagaya, N.** *Assembly of Shaker K^+ channel α and β subunits.* Department of Pharmacology, University of Michigan Medical Center, Ann Arbor, MI.

1991 **Nagaya, N.** *Effects of testosterone on synaptic efficacy at the frog neuromuscular junction.* FAMILY (Females and Minorities in Lilly) Travel Award Symposium, Eli Lilly and Company, Indianapolis, IN.

ABSTRACTS AND PRESENTATIONS:

(1) Blair, R.S., Acca, G.M., Maren, S., and **Nagaya, N.** (2019). Overexpression of microRNA-33 in the bed nucleus of the stria terminalis blocks state-dependent learning of contextual

fear in rats. Program No. 411.15. 2019 Neuroscience Meeting Planner. Chicago, IL: *Society for Neuroscience*, 2019. Online.

(2) Blair, R.S., Warren, N., Acca, G.M., Maren, S., and **Nagaya, N.** (2019). Acute progesterone reduces conditioned freezing in ovariectomized female rats. *Second-Year Student Poster Session*, Department of Psychological and Brain Sciences, Texas A&M University, College Station, TX. (2nd Place Poster Award)

(3) Lab, R.S., Acca, G.M., Maren, S., and **Nagaya, N.** (2019). Overexpression of microRNA-33 blocks allopregnanolone-induced state-dependent learning. *UT Austin Conference on Learning and Memory*, Austin, TX.

(4) Warren, N., Acca, G.M., Tsao, B., Lab, R.S., Mathew, A., Phan, A., Cayard, N., Juliette, J., Maren, S., and **Nagaya, N.** (2019). Hormonal basis for state-dependent conditioned fear in naturally cycling female rats. *Eleventh Annual Symposium of the Texas A&M Institute for Neuroscience*, College Station, TX.

(5) Warren, N., Acca, G.M., Tsao, B., Mathew, A., Phan, A., Cayard, N., Juliette, J., Maren, S., and **Nagaya, N.** (2018). Hormonal basis for state-dependent conditioned fear in naturally cycling female rats. *Annual Symposium of the Texas A&M Chapter of the Society for Neuroscience*, College Station, TX.

(6) Warren, N., Acca, G.M., Tsao, B., Mathew, A., Phan, A., Cayard, N., Juliette, J., Maren, S., and **Nagaya, N.** (2018). Hormonal basis for state-dependent conditioned fear in naturally cycling female rats. Program No. 414.24. 2018 Neuroscience Meeting Planner. San Diego, CA: *Society for Neuroscience*, 2018. Online.

(7) Acca, G.M., Tsao, B., Mathew, A.S., Phan, A., Maren, S. and **Nagaya, N.** (2016). Circulating progesterone contributes to state-dependent contextual fear in cycling female rats. Program No. 175.03. 2016 Neuroscience Meeting Planner. San Diego, CA: *Society for Neuroscience,* 2016. Online.

(8) Acca, G.M., Tsao, B., Maren, S., and **Nagaya, N.** (2016). Estrous cycle stage modulation of conditioned contextual fear may involve differential neuronal activation within subnuclei of the bed nucleus of the stria terminalis of female rats. *Annual Meeting of the Organization for the Study of Sex Differences,* Philadelphia, PA.

(9) Tsao, B., Acca, G.M., Maren, S., and **Nagaya, N.** (2016). Effects of the estrous cycle on neuronal activation in the bed nucleus of the stria terminalis of fear-conditioned female rats. *Texas A&M University Student Research Week*, College Station, TX.

(10) Acca, G.M., Tsao, B., Jin, J., Fu, C., Maren, S., and **Nagaya, N.** (2015). Differential effects of allopregnanolone in the basolateral amygdala and bed nucleus of the stria terminalis on Pavlovian fear conditioning in rats. *Annual Symposium of the Texas A&M Chapter of the Society for Neuroscience*, College Station, TX.

(11) Acca, G.M., Tsao, B., Jin, J., Fu, C., Maren, S., and **Nagaya, N.** (2015). Differential effects of allopregnanolone in the basolateral amygdala and bed nucleus of the stria terminalis on Pavlovian fear conditioning in rats. Program No. 175.07. 2015 Neuroscience Meeting Planner. Chicago, IL: *Society for Neuroscience,* 2015. Online.

(12) Acca, G.M., Maren, S., and **Nagaya, N.** (2015). State-dependent effects of allopregnanolone on contextual fear learning. *UT Austin Conference on Learning and Memory*, Austin, TX.

(13) Acca, G.M., Maren, S., and **Nagaya, N.** (2015). State-dependent effects of allopregnanolone on contextual fear learning. *Seventh Annual Symposium of the Texas A&M Institute for Neuroscience*, College Station, TX.

(14) Acca, G.M., Maren, S., and **Nagaya, N.** (2014). Allopregnanolone in the bed nucleus of the stria terminalis modulates sexually dimorphic contextual fear in rats. Program No. 748.09. 2014 Neuroscience Meeting Planner. Washington, DC: *Society for Neuroscience,* 2014. Online.

(15) Acca, G.M., Maren, S., and **Nagaya, N.** (2014). Allopregnanolone modulates sexually dimorphic contextual fear via the bed nucleus of the stria terminalis in rats. *Annual Meeting of the Organization for the Study of Sex Differences*, Minneapolis, MN.

(16) Acca, G.M., Maren, S., and **Nagaya, N.** (2014). Allopregnanolone modulates sexually dimorphic contextual fear via the bed nucleus of the stria terminalis in rats. *Sixth Annual Symposium of the Texas A&M Institute for Neuroscience*, College Station, TX. (3rd Place Poster Award)

(17) Acca, G.M., Maren, S., and **Nagaya, N.** (2014). Allopregnanolone in the bed nucleus of the stria terminalis impairs expression of conditioned fear in male rats. *Annual Symposium of the Texas A&M Chapter of the Society for Neuroscience*, College Station, TX.

(18) Acca, G.M., Maren, S., and **Nagaya, N.** (2013). Allopregnanolone in the bed nucleus of the stria terminalis impairs acquisition and expression of conditioned fear in male rats. *Annual Meeting of the Pavlovian Society*, Austin, TX.

(19) Acca, G.M., Maren, S., and **Nagaya, N.** (2013). Allopregnanolone in the bed nucleus of the stria terminalis impairs expression of conditioned fear in male rats. Program No. 81.14. 2013 Neuroscience Meeting Planner. San Diego, CA: *Society for Neuroscience*, 2013. Online.

(20) Acca, G.M., Maren, S., and **Nagaya, N.** (2013). Allopregnanolone in the bed nucleus of the stria terminalis reduces contextual freezing in rats. *Fifth Annual Symposium of the Texas A&M Institute for Neuroscience*, College Station, TX.

(21) **Nagaya, N.,** Tittle, R.K., Friday, S.C., and Hume, R.I. (2009). Long-lasting inhibition of human $P2X_2$ receptors by copper. Program No. 713.7. 2009 Neuroscience Meeting Planner. Chicago, IL: *Society for Neuroscience*, 2009. Online.

(22) **Nagaya, N.**, Saar, N., Dellal, S., and Hume, R. (2004). Zinc potentiation of rat $P2X_2$ receptors involves intersubunit interactions. *Fourth International Symposium of Nucleosides and Nucleotides,* University of North Carolina, Chapel Hill, North Carolina.

(23) **Nagaya, N.** and Macdonald, R.L. (2000). Structural determinants of zinc sensitivity in $GABA_A$ receptor subunits. Program No. 430.7. 2000 Neuroscience Meeting Planner. New Orleans, LA: *Society for Neuroscience*, 2000. Online.

(24) **Nagaya, N.**, Sun, F., and Macdonald, R.L. (1998). Low zinc sensitivity of γ-containing $GABA_A$ receptors is conferred by at least two γ subunit domains. *Epilepsy Research* **39**: 61.

(25) **Nagaya, N.**, Sun, F., and Macdonald, R.L. (1998). Low zinc sensitivity of γ-containing $GABA_A$ receptors is conferred by at least two γ subunit domains. *Society for Neuroscience Abstracts* **24**, 1990.

(26) **Nagaya, N.**, Schulteis, C.T., and Papazian, D.M. (1997). Calnexin associates with Shaker K^+ channel protein but is not involved in quality control of subunit folding and assembly. *Molecular Biology of the Cell* **8**: 1792.

(27) Schulteis, C.T., **Nagaya, N.**, and Papazian, D.M. (1997). Interplay of subunit folding and assembly during biogenesis of Shaker K^+ channels. *Molecular Biology of the Cell* **8**: 1806.

(28) Schulteis, C.T., **Nagaya, N.**, and Papazian, D.M. (1997). Steps in the assembly of Shaker K^+ channels probed by mutations in transmembrane segments. *Biophysical Journal* **72**: MAMG1.

(29) Schulteis, C.T., **Nagaya, N.**, and Papazian, D.M. (1996). Discrete steps in the biogenesis of the Shaker K^+ channel revealed by a mutation in the S3 transmembrane domain. *Society for Neuroscience Abstracts* **22**: 1194.

(30) **Nagaya, N.** and Papazian, D.M. (1996). Biogenesis of the Shaker K^+ channel. *Laverna Titus Young Investigators Forum*, Cedars-Sinai Medical Center, Los Angeles, CA.

(31) **Nagaya, N**. and Papazian, D.M. (1995). Shaker K^+ channels fold and assemble in the endoplasmic reticulum. *Society for Neuroscience Abstracts* **21**: 282.

(32) **Nagaya, N.** and Papazian, D.M. (1995). Shaker K^+ channels fold and assemble in the endoplasmic reticulum. *FASEB Journal* **9**: A1249.

(33) **Nagaya, N.** and Herrera, A.A. (1992). Facilitation compensates for lowered synaptic efficacy in a sexually dimorphic muscle. *Society for Neuroscience Abstracts* **18**: 235.

(34) **Nagaya, N.** and Herrera, A.A. (1991). Androgens differentially affect synaptic efficacy within motor units of a sexually dimorphic muscle. *Society for Neuroscience Abstracts* **17**: 1320.

(35) **Nagaya, N.** and Herrera, A.A. (1989). Matching of pre- and postsynaptic size in neuromuscular junctions of androgen-sensitive muscles. *Society for Neuroscience Abstracts* **15**: 578.

(36) Herrera, A.A., Werle, M.J., and **Nagaya, N.** (1989). *In vivo* observation of motor nerve terminal remodelling in reinnervated neuromuscular junctions of frog. *Society for Neuroscience Abstracts* **15**: 20.

(37) **Nagaya, N.** and Herrera, A.A. (1989). The structure of neuromuscular junctions in androgen-sensitive frog muscles: correspondence to fiber type. *Western Nerve Net Conference*, University of Arizona, Tucson, AZ.

(38) Herrera, A.A., Banner, L.R., and **Nagaya, N.** (1988). Discrepancies between histological and *in vivo* observations of motor nerve terminal remodelling. *Society for Neuroscience Abstracts* **14**: 1209.

(39) **Nagaya, N.**, Herrera, A.A., and Banner, L.R. (1988). *In vivo* observation of remodelling at the adult frog neuromuscular junction. *Western Nerve Net Conference*, University of Oregon, Eugene, OR.

TEACHING EXPERIENCE:

Texas A&M University

Spring 2020	*Psychology of Animal Behavior* (PSYC 311/NRSC 311), Undergraduate lecture (215 students)
Spring 2020	*Hormones and Behavior* (PSYC 440/NRSC 440), Undergraduate lecture (29 students)
Spring 2020	*Directed Studies in Psychology* (PSYC 485), Undergraduate independent study (1 students), **Colton Oshman**
Spring 2020	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (2 student), **Alexandra Allan** and **Mohan Iyengar**
Spring 2020	*Research in Neuroscience* (NRSC 491), Undergraduate independent research (1 student), **Sriram Balakrishnan**
Spring 2020	*Research in Neuroscience Honors* (NRSC 491H), Undergraduate independent research (1 student), **Jeri Keitzer**
Spring 2020	*Research in Biochemistry* (BICH 491), Undergraduate independent study with research writing (1 student), **Sriram Balakrishnan**
Fall 2019	*Psychology of Animal Behavior* (PSYC 311/NRSC 311), Undergraduate lecture (213 students, 4 with Honors contract)
Fall 2019	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (1 student), **Mohan Iyengar**
Fall 2019	*Research in Neuroscience* (NRSC 491), Undergraduate independent research (1 student), **Sriram Balakrishnan**
Fall 2019	*Directed Studies in Neuroscience Honors* (NRSC 485H), Undergraduate independent study (1 student), **Jeri Keitzer**
Summer 2019	*Directed Studies in Neuroscience Honors* (NRSC 485H), Undergraduate independent study (1 student), **Jeri Keitzer**
Spring 2019	*Psychology of Animal Behavior* (PSYC 311/NRSC 311), Undergraduate lecture (215 students)
Spring 2019	*Hormones and Behavior* (PSYC 440/NRSC 440), Undergraduate lecture (25 students, 1 with Honors contract)
Spring 2019	*Directed Studies in Psychology* (PSYC 485), Undergraduate independent study (1 student), **Aira Martin**
Spring 2019	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (2 students), **Sophia Abbasali** and **Sriram Balakrishnan**
Fall 2018	*Psychology of Animal Behavior* (PSYC 311/NRSC 311), Undergraduate lecture (213 students, 1 with Honors contract)
Fall 2018	*Directed Studies in Psychology* (PSYC 485), Undergraduate independent study (1 student), **Aira Martin**

Summer 2018	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (1 student), **Laura Lafuente**
Spring 2018	*Psychology of Animal Behavior* (PSYC 311/NRSC 311), Undergraduate lecture (110 students)
Spring 2018	*Hormones and Behavior* (PSYC 489/NRSC 489), Undergraduate lecture (16 students)
Spring 2018	*Directed Studies in Psychology* (PSYC 485), Undergraduate independent study (1 student), **Aira Martin**
Spring 2018	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (1 student), **Josh Howells**
Fall 2017	*Psychology of Animal Behavior* (PSYC 311/NRSC 311), Undergraduate lecture (173 students; 4 with Honors contract)
Fall 2017	*Directed Studies in Psychology* (PSYC 485), Undergraduate independent study (1 student), **Aira Martin**
Fall 2017	*Research in Biochemistry* (BICH 491), Undergraduate independent study with research writing (1 student), **Jasmine Juliette**
Spring 2017	*Psychology of Animal Behavior* (PSYC 311/NRSC 311), Undergraduate lecture (116 students; 1 with Honors contract)
Spring 2017	*Directed Studies in Psychology* (PSYC 485), Undergraduate independent study (1 student), **Nicole Cayard**
Spring 2017	*Research in Neuroscience* (NRSC 491), Undergraduate independent research (1 student), **Jasmine Juliette**
Fall 2016	*Psychology of Animal Behavior* (PSYC 311/NRSC 311), Undergraduate lecture (110 students; 2 with Honors contracts)
Fall 2016	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (1 student), **Anna Phan**
Spring 2016	*Comparative Psychology* (PSYC 311/NRSC 311), Undergraduate lecture (106 students)
Spring 2016	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (1 student), **Anna Phan**
Spring 2016	*Research in Neuroscience Honors* (NRSC 491H), Undergraduate independent research (1 student), **Abel Mathew**
Spring 2016	*Research in Psychology* (PSYC 491), Undergraduate independent research (1 student), **Barbara Tsao**
Fall 2015	*Comparative Psychology* (PSYC 311/NRSC 311), Undergraduate lecture (90 students)
Fall 2015	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (1 student), **Abel Mathew**
Fall 2015	*Research in Psychology* (PSYC 491), Undergraduate independent research (1 student), **Barbara Tsao**
Spring 2015	*Physiological Psychology* (PSYC 335/NRSC 335), Undergraduate lecture (48 students)

Spring 2015	*Directed Studies in Psychology* (PSYC 485), Undergraduate independent study (1 student), **Barbara Tsao**
Spring 2015	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (1 student), **Christina Fu**
Fall 2014	*Directed Studies in Psychology* (PSYC 485), Undergraduate independent study (2 students), **Barbara Tsao** and **Tyler Vintila**
Fall 2014	Guest lecture for *Research in Psychology* (PSYC 691), Graduate seminar (8 students)
Summer 2014	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (1 student), **John Spikes II**
Spring 2014	*Physiological Psychology* (PSYC 335/NRSC 335), Undergraduate lecture (40 students)
Spring 2014	*Directed Studies in Psychology* (PSYC 485), Undergraduate independent study (2 students), **John Spikes II** and **Barbara Tsao**
Spring 2014	*Directed Studies in Neuroscience* (NRSC 485), Undergraduate independent study (1 student), **Tyler Vintila**
Spring 2013	*Physiological Psychology* (PSYC 335/NRSC 335), Undergraduate lecture (40 students)

University of Michigan

Winter 2012	*Hormones & Behavior* (PSYCH 438), Undergraduate lecture (100 students)
Winter 2012	**Women in Science* (PSYCH 121), Freshman seminar (17 students)
Fall 2011	*Women in Science* (PSYCH 121), Freshman seminar (8 students)
Fall 2011	*Introduction to Neurobiology* (BIO 222), Undergraduate lecture with discussion (198 students)
Winter 2011	**Women Scientists* (BIO 120), Freshman seminar (21 students)
Fall 2010	*Introduction to Neurobiology* (BIO 222), Undergraduate lecture with discussion (185 students)
Fall 2009	*Introduction to Neurobiology* (BIO 222), Undergraduate lecture with discussion (175 students)
Winter 2008	*Women Scientists* (BIO 120), Freshman seminar (18 students)
Fall 2008	*Introduction to Neurobiology* (BIO 222), Undergraduate lecture with discussion (172 students)
Fall 2007	*Introduction to Neurobiology* (BIO 222), Undergraduate lecture with discussion (123 students)

**Independently developed courses.*

Marine Biological Laboratory (Woods Hole, MA)

Summer 1989	*Neural Systems and Behavior*, Summer course, Teaching assistant for Dr. Darcy E. Kelley, Columbia University

UNDERGRADUATE RESEARCH:

2015-2016 Mentor, **Barbara Tsao**, Undergraduate Research Scholar, Texas A&M University. Thesis completed May 2016: *Effects of the estrous cycle on neuronal activation in the bed nucleus of the stria terminalis of fear-conditioned female rats.*

GRADUATE RESEARCH:

2018- Mentor, **Rain Shelby (Lab) Blair**, Graduate Student, Department of Psychological and Brain Sciences, Texas A&M University.

DISSERTATION COMMITTEES:

2014-2017 Member, **Jingji Jin**, Texas A&M Institute for Neuroscience, Texas A&M University, completed December 2017.

2014-2017 Co-chair, **Gillian M. Acca**, Texas A&M Institute for Neuroscience, Texas A&M University, completed June 2017.

DEPARTMENTAL SERVICE:

2015-2016 Member, *Diversity Science Search Committee*, Department of Psychology, Texas A&M University.

2014-2015 Member, *Website Committee*, Department of Psychology, Texas A&M University.

2013-2016 Member, *Diversity Committee*, Department of Psychology, Texas A&M University.

2012-2013 Member, *Behavioral and Cellular Neuroscience Search Committee*, Department of Psychology, Texas A&M University.

UNIVERSITY SERVICE:

2017-2020 Vice President, *Steering Committee*, Women's Faculty Network, Texas A&M University.

2015-2017 Secretary, *Steering Committee*, Women's Faculty Network, Texas A&M University.

2013-2020 At-Large member (elected), *Steering Committee*, Women's Faculty Network, Texas A&M University.

2014-2016 Member (elected), *Seminar Committee*, Texas A&M Institute for Neuroscience.

2013-2015 Member (elected), *Graduate Program Committee*, Texas A&M Institute for Neuroscience.

EDITORIAL SERVICE:

2012-present Ad hoc reviewer
Behavioural Brain Research (2012-19), *eLife* (2016), *Hormones & Behavior* (2014), *Psychoneuroendocrinology* (2013, 2017-18)

PROFESSIONAL AFFILIATIONS:

2014-present Organization for the Study of Sex Differences
2013-present Pavlovian Society
2013-present Texas A&M University Chapter of the Society for Neuroscience
2011-2012 Association of Women in Science
1993-2014 Biophysical Society
1989-present American Association for the Advancement of Science
1988-present Society for Neuroscience