Curriculum Vitae

William A. Falls

ADDRESS

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EDUCATION

B.A., Magna Cum Laude, Bates College, Lewiston, ME, May 1987
M.S., Yale University, New Haven, CT, May 1989
Ph.D., Yale University, New Haven, CT, December 1993

PROFESSIONAL EXPERIENCE

Dean, College of Arts and Sciences, University of Vermont, Burlington, VT, 2016 – present
- 40 direct reports (17 department chairs, 1 School Director, 4 associate deans, 5 assistant deans, 13 program directors)
- 322 faculty, 122 staff, 4468 students (graduate and undergraduate)
- $115 million budget (under a responsibility-centered budget model)

Interim Dean, College of Arts and Sciences, University of Vermont, Burlington, VT, 2015 – 2016
Chair of Psychological Science, University of Vermont, Burlington, VT, 2006 – 2015
Professor of Psychological Science, University of Vermont, Burlington, VT, 2010 – present
Associate Professor of Psychology, University of Vermont, Burlington, VT, 2003 – 2010
Assistant Professor of Psychology, University of Vermont, Burlington, VT, 1998 – 2003
Assistant Professor of Psychology, Northern Illinois University, DeKalb, IL, 1994 – 1998
Postdoctoral Associate, Department of Psychiatry, Yale University, New Haven, CT, 1993 – 1994

ACCOMPLISHMENTS AS DEAN

- Increased College enrollment by 11% since 2016.
- Created a robust internship program and grown internship participation by more than 400%
- Chaired the Faculty and Academic Affairs working group of UVM's COVID-19 response committee.
- Executed the 2015 College of Arts and Sciences Strategic Plan created by my predecessor.
- Created and executed an ongoing plan for the College of Arts and Sciences to close a $5 million structural budget deficit.
- Managed a $115 million budget under a newly established responsibility centered (RCM) budget model.
- Spearheaded the creation of 4 new accelerated master's degrees and the PhD in Physics.
- Established a robust college internship program and raised over $1.5M to support students pursuing unpaid and underpaid internships.
- Established a set of liberal arts core competencies that each College of Arts and Sciences graduate will achieve before graduation.
- Shepherded revisions to all BA majors to reduce course burden in order to create greater opportunities for students to double major and called for and spearheaded a revision of the College's liberal arts core curriculum.
- Created the College of Arts and Launch program, which encourages students to integrate the liberal arts core curriculum, the liberal arts core competencies, career-focused courses, and research and internships into a purposeful career path.
- Established a new interdisciplinary major in Health and Society, as well six new minors that follow from the scholarly strengths of Arts and Sciences faculty.
- Co-chaired the committee for Standard 4 - The Academic Program for UVM's reaccreditation by the New England Commission of Higher Education (NECHE).
- Created the College's first Faculty Diversity Fellow, first Undergraduate Diversity Fellows program, Task Force on

Diversity and Inclusion and Assistant Dean for Diversity Equity and Inclusion to support and advance the College's efforts to improve climate and support recruitment and retention of underrepresented faculty and students.

- Contributed to the College of Arts and Sciences raising over $50 million.

AWARDS AND HONORS

Phi Beta Kappa, Bates College, 1987.
Golden Key, Bates College, 1987.
Mortar Board National Senior Honor Society Certificate of Excellence, Northern Illinois University, 1997.
Golden Key Honorary Member, Northern Illinois University, 1997.
University of Vermont, Senior Class Council, Recognition of Valuable Contributions, 2002
Alexander von Humboldt Foundation Research Fellowship, 2004 (fellowship not accepted due to family obligations)
National Society of Collegiate Scholars Distinguished Member, The University of Vermont, 2005.

PUBLICATIONS

Peer Reviewed Research Articles

Number of citations	5980 (Google Scholar, 8/2022)
h-index	38
i10-index	56

*denotes principal and corresponding author

1. Mazzone, C.M., Pati, D., Michaelides, M., DiBerto, J., Fox, J.H., Tipton, G., Anderson, C., Duffy, K., McKlveen, J.M., Hardaway, J.A., Magness, S.T., Falls, W.A., Hammack, S.E., McElligott, Z.A., Hurd, Y.L., Kash, T.L. (2018). Metabolic mapping of downstream network activity following CNO-induced activation of hM3Dq in BNST VGAT neurons. *Molecular Psychiatry*, 23 (1); doi: 10.1038/mp. 2017.253

2. Hare B.H., Thornton, T., Rincon, M., Golijanina, B.S. King, B. Jaworski, D.M., & Falls, W. (2018). Two Weeks of Variable Stress Increases Gamma-H2AX Levels in the Mouse Bed Nucleus of the Stria Terminalis. Neuroscience 373, 137–144. doi.org/10.1016/j.neuroscience.2018.01.024.

3. Thornton, T., Hare B.H., Colie, S., Pendlebury, W., Nebreda, A., Falls, W.A., Jaworski, D.M., and Rincon, M. (2018) Failure to inactivate nuclear GSK3β by Ser389-phosphorylation leads to focal neuronal death and prolonged fear response. *Neuropsychopharmacology*. 43(2):393-405. doi: 10.1038/npp.2017.187.

4. King, S. B., Lezak K. R., O/'Reilly, M., Toufexis, D.J., Falls, W.A., Braas, K., May, V., and Hammack, S.E. (2017). The Effects of Prior Stress on Anxiety-Like Responding to Intra-BNST Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) in Male and Female Rats. *Neuropsychopharmacology*. doi:10.1038/npp.2017.16.

5. Mazzone, C. M., Pati, D., Michaelides, M., DiBerto, J., Fox, J. H., Tipton, G., Anderson, C., Duffy, K., McKlveen, J.M., Hardaway, J.A., Magness, S.T., Falls, W.A., Hammack, S.E., McElligott, Z.A., Hurd, Y.L., and Kash, T. L. (2016). Acute engagement of Gq-mediated signaling in the bed nucleus of the stria terminalis induces anxiety-like behavior. *Mol Psychiatry*. doi: 10.1038/mp.2016.218.

6. Mathew, R.S., Tatarakis, A.Rudenko, A., Johnson-Venkatesh, E.M., Yang, Y.J., Murphy, E.A., Todd, T.P., Schepers, S.T., Siuti, N., Martorell, A.J., Falls, W.A., Hammack, S.E., Walsh, C.A., Tsai. L-H, Umemori, H., Bouton, M.E. and Moazed, D.* (2016). A microRNA negative feedback loop downregulates vesicle transport and inhibits fear memory. *eLife*, e22467. DOI: http://dx.doi.org/10.7554/eLife.22467.001.

7. Hare, B.H., Beierle, J.A. Toufexis, D. Toufexis, D.J., Hammack, S.E. & Falls, W.A.* (2014). Exercise associated changes in the corticosterone response to acute restraint stress: evidence for increased adrenal sensitivity and reduced corticosterone response duration. *Neuropsychopharmacology*. *39*, 1262-1269 doi:10.1038/npp.2013.329.

8. Roman, C.W., Lezak, K.R., Hartsock, M.J., Falls, W.A., Braas, K.M., Howard, A.B., Hammack, S.E. & May, V.* (2014) PAC1 receptor antagonism in the bed nucleus of the stria terminalis (BNST) attenuates the endocrine and behavioral consequences of chronic stress. *Psychoneuroendocrinology*. *47*, 151–165. doi:10.1016/j.psyneuen.2014.05.014.

9. Lezak, K. M., Roman, C.W. Braas, K.M., Schutz, K.C., Schulkin, J., Falls, W.A., May, V, & Hammack, S.E * (2014) Regulation of bed nucleus of the stria terminalis PACAP expression by stress and corticosterone. *Journal of Molecular Neuroscience, 54*, 477-484 doi: 10.1007/s12031-014-0269-8

10. Kazenski, D*, Guitar, B. McCauley, R., Falls, W.A. & Dutko, L.S. (2014). Stuttering severity and responses to social-communicative challenge in preschool-age children who stutter. *Speech, Language and Hearing*. 17(3), 142-152. doi.org/10.1179/2050572813Y.0000000032

11. Hare, B.H., D'Onfro, K.D., Hammack, S.E. & Falls, W.A. *(2012). Prior Stress Interferes With the Anxiolytic Effect of Exercise in C57BL/6J Mice. *Behavioral Neuroscience. 126*, 850-856.

12. Sibold, J.S.*, Hammack, S.E. & Falls, W.A. (2011). C57 mice increase wheel-running behavior following stress: preliminary findings. *Perceptual and Motor Skills*. 113, 605-618.

13. Falls, W.A.* MacAulay, C.M. & Fox, J.H. (2010). Voluntary exercise improves both learning and consolidation of cued conditioned fear in C57 mice. *Behavioural Brain Research. 207*, 321-331.

14. Hammack, S.E.*, Cheung, J., Rhodes, K.M., Schutz, K.C., Falls, W.A., Braas, K.M., May, V. (2009) Chronic stress increases pituitary adenylate cyclase-activating peptide (PACAP) and brain-derived neurotrophic factor (BDNF) mRNA expression in the bed nucleus of the stria terminalis (BNST): roles for PACAP in anxiety-like behavior, *Psychoneuroendocrinology, 34,* 833-843.

15. Di Bennedetto, B.*, Kallnik, M., Vogt Weisenhorn, D.M., Falls, W.A., Wurst, W & Holter, S.M. (2009). Activation of ERK/MAPK in the lateral amygdala of the mouse is required for acquisition of fear-potentiated startle. *Neuropsychopharmacology*. *34*, 356–366.

16. Salam, J.S., Fox, J.H., DeTroy, E.M., Guignon, M.E., Whol, D.F. & Falls, W.A.* (2009). Voluntary exercise in C57 mice is anxiolytic across several measures of anxiety. *Behavioural Brain Research, 197*, 31-40.

17. Hill, C.T.* Krawczel, P.D., Danna, H.M., Ballarda, C.S. Hovey, R.C., Falls, W.A. & Grant, R.J. (2009). Effect of Stocking Density on the Short-Term Behavioural Responses of Dairy Cows. *Applied Animal Behavioral Sciences*. *117*, 144-149.

18. Waddell, J., Bouton, M.E. & Falls, W.A.* (2008). Central CRF Receptor Antagonist a-Helical CRF9-41 Blocks Reinstatement of Extinguished Fear: The Role of the Bed Nucleus of the Stria Terminalis. *Behavioral Neuroscience, 122*, 1061-1069.

19. Pistel, P.J. & Falls, W.A.* (2008). Extended fear conditioning reveals a role for both N-methyl-d-aspartic acid and non-N-methyl-d-aspartic acid receptors in the amygdala in the acquisition of conditioned fear. *Neuroscience*, 155, 1011–1020.

20. Fox, J.H. Hammack, S.E. & Falls, W.A.* (2008). Exercise is associated with reduction in the anxiogenic effect of mCPP on acoustic startle. *Behavioral Neuroscience, 122*, 943-946.

21. Herrera, G. M.* & Falls W.A. (2007). Novel wireless in-cage running wheels used to record mouse wheel running activity in ventilated rack home cages. *Journal of The American Association For Laboratory Animal Science. 46*(4). 91.

22. Bursztajn, S. Friedman, M. & Falls, W.A.* (2007). Cell Proliferation in the Brains of NMDAR NR1 Transgenic Mice. *Brain Research.* 1172, 10-20.

23. Bucci, D.J.* & Falls, W.A. (2007). An Undergraduate Neuroscience Seminar Based on the Annual Meeting of the Society for Neuroscience. *The Journal of Undergraduate Neuroscience Education (JUNE), 5*. A49-A52.

24. Jaworski D.M.*, Soloway P., Caterina J. & Falls W.A. (2006). Tissue inhibitor of metalloproteinase-2(TIMP-2)-deficient mice display motor deficits. *Journal of Neurobiology. 66*, 82-94.

25. Heldt, S.A. & Falls, W.A.* (2006). The Effects of Posttraining Lesions of the Auditory Thalamus and Cortex on the Inhibition of Fear Conditioned to an Auditory Stimulus. *European Journal of Neuroscience. 23*, 765-779.

26. Jaworski DM. Boone J. Caterina J. Soloway P. Falls W.A.* (2005). Prepulse inhibition and fear-potentiated startle are altered in tissue inhibitor of metalloproteinase-2 (TIMP-2) knockout mice. *Brain Research. 1051*, 81-89.

27. Josseyln, S.A., Falls, W.A., Gewirtz, J.C., Pistell, P. & Davis, M.* (2005). The nucleus accumbens is not critically involved in mediating the effects of a safety signal on behavior. *Neuropsychopharmacology.30,* 17-26.

28. Waddell, J., Dunnett, C. & Falls, W.A.* (2004). Extinction and renewal of extinguished conditioned fear in C57BL/6J and DBA/2J mice *Behavioural Brain Research., 154*, 567-576.

29. Heldt, S.A. & Falls, W.A.* (2003). Destruction of the inferior colliculus disrupts the production and inhibition of fear conditioned to an acoustic stimulus. *Behavioural Brain Research, 144*, 175-185.

30. Waddell, J., Heldt, S.A & Falls, W.A.*(2003). Post-Training Lesion Of The Superior Colliculus Interferes With Feature-Negative Discrimination Of Fear-Potentiated Startle, *Behavioural Brain Research., 142*, 115-124.

31. Heldt, S.A.* Coover, GD. & Falls, W.A. (2002). Posttraining but not pretraining lesions of the hippocampus interfere with feature-negative discrimination of fear-potentiated startle. *Hippocampus, 12*, 774-786.

32. Park, C., Falls, W. A., Finger, J. H., Longo-Guess, C. M., & Ackerman, S. L. *(2002). Deletion in Catna2, encoding alphaN-catenin, causes cerebellar and hippocampal lamination defects and impaired startle modulation. *Nature Genetics, 31*, 279-284.

33. Heldt, S. A., Sundin, V., Willott, J. F., & Falls, W. A.* (2000). Post-training lesions of the amygdala interfere with fear-potentiated startle to both visual and auditory conditioned stimuli in C57BL/6J mice. *Behavioral Neuroscience, 114*, 749-759.

34. Guarraci, F.A., Frohardt, R.J., Falls, W. A. & Kapp, B.S.* (2000). The effects of intra-amygdaloid infusions of a D2 dopamine receptor antagonist on Pavlovian fear conditioning. *Behavioral Neuroscience, 114*, 647-651.

35. Falls, W. A., Kogan, J. H., Silva, A. J., Willott, J. F., Carlson, S., & Turner, J. G. (2000). Fear-potentiated startle, but not prepulse inhibition of startle, is impaired in CREBαΔ-/- mutant mice. *Behavioral Neuroscience, 114*, 998-1004.

36. Heldt, S.A. & Falls, W.A.* (1998). Destruction of the auditory thalamus disrupts the production of fear but not the inhibition of fear conditioned to an auditory stimulus. *Brain Research, 813*, 274-282.

37. Willott, J.F.*, Turner, J.G., Carlson, S. Ding, D., Bross, L.S., Falls, W.A. (1998). The BALB/c mouse as an animal model for progressive hearing loss. *Hearing Research. 115*, 162-174.

38. Gewirtz, J., Falls, W.A. & Davis, M.* (1997). Normal conditioned inhibition and extinction of freezing and fear-potentiated startle following electrolytic lesions of the medial prefrontal cortex. *Behavioral Neuroscience, 111*, 712-726.

39. Falls, W.A.*, Davis, M. (1997). Inhibition of fear-potentiated startle can be detected after the offset of a serial feature trained in a serial feature negative discrimination procedure. *Journal of Experimental Psychology: Animal Behavior Processes, 23*, 3-14.

40. Falls, W.A.*, Carlson, S., Turner, G. & Willott, J. (1997) Fear-potentiated startle in three strains of inbred mice. *Behavioral Neuroscience, 111*, 855-861.

41. Falls, W.A.*, Bakken, C. & Heldt, S. (1997). Lesions of the perirhinal cortex interfere with the expression but not the inhibition of conditioned fear. *Behavioral Neuroscience, 111,* 476-486.

42. Campeau, S.*, Falls, W. A., Cullinan, W. E., Helmreich, D. L., Davis, M., & Watson, S. J. (1997). The elicitation and reduction of fear: Behavioral and endocrinological indices and brain induction of the immediate-early gene c-fos. *Neuroscience, 78*, 1087-1104.

43. Falls, W.A. & Davis, M.* (1995). Lesions of the amygdala block conditioned excitation but do not block conditioned inhibition of fear-potentiated startle. *Behavioral Neuroscience, 109*, 379-387.

44. Falls, W.A., & Davis, M. * (1994). Fear-potentiated startle using three conditioned stimulus modalities. *Animal Learning & Behavior, 22*, 379-383.

45. Grillon, C.*, Falls, W.A., Ameli, R., & Davis, M. (1994). Safety signals and human anxiety: A fear-potentiated startle study. *Anxiety, 1*, 13-21.

46. Falls, W.A., & Davis, M.* (1993). Visual cortex ablations do not prevent extinction of fear-potentiated startle using a visual conditioned stimulus. *Behavioral and Neural Biology, 60*, 259-270.

47. Kim, M., Campeau, S., Falls, W.A., & Davis, M.* (1993). Micro-infusion of the non-NMDA receptor antagonist CNQX into the amygdala blocks the expression of fear-potentiated startle. *Behavioral and Neural Biology, 59*, 5-8.

48. Rosen, J. B., Hitchcock, J. M., Miserendino, M. J. D., Falls, W. A., Campeau, S., & Davis, M. * (1992). Lesions of the perirhinal cortex, but not of the frontal, medial pre-frontal, visual or insular cortex block fear-potentiated startle using a visual conditioned stimulus. *The Journal of Neuroscience, 12,*, 4624-4633.

49. Melia, K. R., Falls, W.A., & Davis, M. * (1992). Involvement of pertussis toxin sensitive G-proteins in conditioned fear-potentiated startle: Possible involvement of the amygdala. *Brain Research, 584*, 141-148.

50. Liang, K. C., Melia, K. R., Campeau, S., Falls, W. A., Miserendino, M. J. D., & Davis, M.* (1992). Lesions of the central nucleus of the amygdala, but not the paraventricular nucleus of the hypothalamus, block the excitatory effect of corticotropin-releasing factor on the acoustic startle reflex. *The Journal of Neuroscience, 12*, 2313-2320.

51. Liang, K. C., Melia, K. R., Miserendino, M. J. D., Falls, W. A., Campeau, S., & Davis, M.* (1992). Corticotropin releasing factor: Long lasting facilitation of the acoustic startle reflex. *The Journal of Neuroscience, 12*, 2303-2312.

52. Falls, W. A., Miserendino, M. J. D., & Davis, M.* (1992). Extinction of fear-potentiated startle: Blockade by infusion of an NMDA antagonist into the amygdala. *The Journal of Neuroscience, 12*, 854-863.

53. Brandon, S. E., Bombace, J. C., Falls, W. A., & Wagner, A. R.* (1991). Modulation of unconditioned defensive reflexes by a putative emotive Pavlovian conditioned stimulus. *Journal of Experimental Psychology: Animal Behavioral Processes, 17*, 312-322.

54. Falls, W. A., & Kelsey, J. E. * (1989). Procedures that produce context-specific tolerance to morphine in rats also produce context-specific withdrawal. *Behavioral Neuroscience, 103*, 842-849.

55. Kelsey, J. E.*, Carlezon, W. A., & Falls, W. A. (1989). Lesions of the nucleus accumbens in rats reduce opiate reward but no not alter context-specific opiate tolerance. *Behavioral Neuroscience, 103*, 1327-1334.

Review Chapters

1. Falls, W.A. (2010). Fear-potentiation and Startle. *Encyclopedia of Behavioral Neuroscience*. RF. Thompson Ed. Elsevier.

2. Falls, W.A. (2002). Fear-potentiated startle in mice. *Current Protocols In Neuroscience*, Supplement 19, 8.11.B1-8.11.B16.

3. Pistell, P.J. & Falls, W.A. (2002) Blockade of conditioned fear requires antagonism of both NMDA and non-NMDA receptors in the amygdala. *Annals of the New York Academy of Sciences*, The Amygdala in Brain Function: Basic and Clinical Approaches.

4. Falls, W. A., & Pistell, P. J. (2001). Focus: Learning and the Auditory System - Fear-potentiated Startle Studies. In J. F. Willott (Ed.), *Handbook of Mouse Auditory Research: From Behavior to Molecular Biology* (pp. 91-95). New York: CRC Press.

5. Davis, M., Falls, W. A., & Gewirtz, J. C. (2000). Neural systems involved in fear inhibition: Extinction and conditioned inhibition. In M. Myslobodsky & I. Weiner (Eds.), *Contemporary issues in modeling psychopathology* (pp. 113-142). Boston: Kluwer Academic Publishing.

6. Falls, W.A. (1998). Extinction: A review of theory and evidence suggesting that memories are not erased with non reinforcement. In W. O'Donohue (Ed.) *Learning and Behavior Therapy*. Boston: Allyn & Bacon. Pp. 205-229.

7. Davis, M., Campeau, S., Kim, M. & Falls, W.A. (1995). Neural Systems of Emotion: The amygdala's role in fear and anxiety. *The Fifth Conference of the Neurobiology of Learning and Memory*., New York: Oxford University Press. pp 3-40.

8. Falls, W.A., Davis, M. (1995). Behavioral and physiological analysis of fear inhibition: Extinction and conditioned inhibition. In M.J. Friedman, D.S. Charney & A.Y. Deutch (Eds.) *Neurobiological and Clinical Consequences of Stress: From Normal Adaption to PTSD*., Philadelphia, Lippincott-Raven Publishers, pp. 177-202.

9. Davis, M., Falls, W. A., Campeau, S., & Kim, M. (1993). Fear potentiated startle: A neural and pharmacological analysis. *Behavioral Brain Research, 58*, 175-198.

Conference Presentations

1. Falls, W.A. (2019) Research Institutions: Promoting Interdisciplinary Research for Both Undergraduate and Graduate Students. Council of Colleges of Arts and Sciences Annual Meeting, Atlanta GA.

2. Hare, B. D., Thornton T. M., Rincon, M., Jaworski, D.M., & Falls, W.A. (2014). A comparative analysis of GSK3β serine 9 and serine 389 inhibitory phosphorylation following acute challenge, variate stress, or voluntary exercise. Neuroscience Meeting Planner. Washington DC: Society for Neuroscience. Online.

3. Hare, B.D., Sibold, J., Golijanin, B. & Falls, W.A. (2013). Investigating an acute reduction in an anxiety-like response following stress exposure in exercising mice. Neuroscience Meeting Planner. San Diego: Society for Neuroscience. Online.

4. Hare, B.D., Hammack, S.E., Fox, J.H., & Falls, W.A. (2012). Exercise and subchronic fluoxetine produce a reduction in anxiety in C57 mice that is greater than fluoxetine or exercise alone. Neuroscience Meeting Planner. New Orleans: Society for Neuroscience, 2012. Online.

5. Sibold, J.S., Hare, B.D. & Falls, W.A. (2012). The effect of novel cage stress and social isolation on wheel running behavior in C57 mice. Neuroscience Meeting Planner. New Orleans: Society for Neuroscience, 2012. Online.

6. Sibold, J.S., Hammack, S.E. & Falls, W.A. (2011). C57 Mice Choose Voluntary Exercise Following Stress. 58th Annual Meeting and 2nd World Congress on Exercise is Medicine of the American College of Sports Medicine being held at the Colorado Convention Center in Denver, Colorado.

7. Loadholt, C.D., Larson, B.E., Andriakos, P.G., Boas, S., Trahan, T.E., Tran, T.L., Falls, W.A., Hammack, S.E., & Freeman, K. (2011). Inter-rater reliability of a novel neurobehavioral scale for outcomes assessment in rats following traumatic brain injury *FASEB Journal*, March 17, 2011 25:856.5

8. Roman, C.W., Hammack, S.E., Kocho-schellenberg, M., Lezak, K.R., Grimmig, B. Garret, M. Miceli, I.K., Falls, W.A., Braas, K.M. & May, V. (2010). Central antagonism of pituitary adenylate cyclase-activating peptide (PACAP) signaling attenuates stress-induced weight loss: the role of the bed nucleus of the stria terminalis (BNST). Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2010. Online.

9. Fox, J.H., Hammack, S.E., Grimmig, B. & Falls, W.A. (2010). The role of the bed nucleus of the stria terminalis (BNST), 5-HT2c receptors, and exercise in the modulation of anxiety-like behavior. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2010. Online.

10. Grimmig, B., Fox, J.H., Townsend, H., Falls, W.A & Hammack, S.E. (2010). Voluntary exercise in mice is associated with a decrease in mCPP-induced c-Fos expression in the bed nucleus of the stria terminalis (BNST). Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2010. Online.

11. Roman, C.W., Lezak, K.R. , Kocho-schellenberg, M., Grimmig, B., Miceli, I.K., Falls, W.A., Braas, K.M. & May, V. & Hammack, S.E., (2010). The role of pituitary adenylate cyclase-activating polypeptide (PACAP) in the bed nucleus of the

stria terminalis (BNST) in mediating the behavioral changes associated with chronic stress. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2010. Online.

12. Falls. W.A., MacAulay, C.M., Fox J.H., Hammack, S.E. & Green J.T. (2009). Voluntary Exercise Enhances Learning And Consolidation But Not The Retrieval Of Cued Conditioned Fear In Mice. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2009. Online

13. Fox, J.H., Hammack, S.E., & Falls, W.A. (2009). Exercise dose dependently reduces the anxiogenic effect of intra-bed nucleus of the stria terminalis injections of mCPP. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2009. Online

14. May, V. Roman, C.W., SchutzH, K.C., Braas, K.M., Falls, W.A., & Hammack, S.E. (2009). Chronic variate stress alters the expression of transcript for several stress-related peptides in the anterolateral bed nucleus of the stria terminalis (BNST). Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2009. Online

15. Fox, J.H., Hammack, S.E. & Falls, W.A. (2008). Exercise reduces the anxiogenic effect of intra-bed nucleus of the stria terminalis injections of mCPP. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2008. Online.

16. Hammack, S.E., Cheung, J. Falls, W.A., Sugarman, R.A., Rhodes, K.M, Schultz, K.C., Brass, K.M. & May, V. (2008). Chronic stress increases PACAP/PAC1 receptor signaling in the bed nucleus of the stria terminalis (BNST) and facilitates anxiety-like behavior. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2008. Online.

17. Van Houten, J.L., Ponissery Saidu1, S. Ghatak, A. Valentine, M.S., Falls, W.A., Delay, E. & Delay, R.J. (2008). Plasma membrane calcium atpase 2 knock out shows slower calcium clearance from olfactory sensory neurons and deficits in olfactory driven behavior . Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2008. Online.

18. Van Houten, J.L., Ponissery Saidu1, S. Ghatak, A. Valentine, M.S., Falls, W.A., Delay, E. & Delay, R.J. (2008). Plasma Membrane Calcium ATPase 2 Knock Out Shows Slower Calcium Clearance from Olfactory Sensory Neurons and Deficits in Olfactory Driven Behavior. International Symposium on Olfaction and Taste, San Francisco, CA. Published in *Chemical Senses*, 30(8), S1-S2.

19. Salam, J & Falls, W.A. (2007). Persistent audiogenic effect after offset of tones using acoustic startle in C57/6J mice. Neuroscience Meeting Planner. SanDiego,CA: Society for Neuroscience, 2007. Online.

20. Herrera, G.M. & Falls, W.A. (2007). Novel Wireless In-Cage Running Wheels Used to Record Mouse Wheel Running Activity in Ventilated Rack Home Cages. Annual meeting of the American Association for Laboratory Animal Science (AALAS), Charlotte, NC.

21. Zurn, B., Falls, W.A. and Motai, Y. (2006). Detecting startle responses in the zebrafish using novel digital imaging techniques. Neuroscience Meeting Planner. SanDiego,CA: Society for Neuroscience, 2007. Online.

22. Bursztajn, S.; Falls, W.A.; Berman, S.A. & Friedman, M.J. (2006). Enhanced neurogenesis and fear learning in NMDA NR1 knockdown mice. Neuroscience Meeting Planner. SanDiego,CA: Society for Neuroscience, 2007. Online.

23. Salam, J and Falls, W.A. (2006). The effects of voluntary wheel running on extinction and renewal of conditioned fear. Neuroscience Meeting Planner. SanDiego,CA: Society for Neuroscience, 2007. Online.

24. Fox, J.H. and Falls, W.A. (2006). Voluntary exercise in mice reduces the anxiogenic effect of mCPP on acoustic startle. Neuroscience Meeting Planner. SanDiego,CA: Society for Neuroscience, 2007. Online.

25. Falls, W.A., Detroy, E.M, Demos, C., Wilkins, S., Salam, J and Fox, J.H. (2006) Voluntary exercise is associated with reduced anxiety in C57BL/6 mice. Neuroscience Meeting Planner. SanDiego,CA: Society for Neuroscience, 2007. Online.

26. Bucci, D.J. and Falls, W.A. (2006). A neuroscience seminar based on the SFN annual meeting. Neuroscience Meeting Planner. SanDiego,CA: Society for Neuroscience, 2006. Online.

27. Detroy, E.M., Duffy, A.L., Guignon, M. & Falls, W.A. (2005). Voluntary wheel running reduces startle amplitude and enhances conditioned fear. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2006. Online.

28. Waddell, J, Lowe, H.B. & Falls, W.A. (2004). Central CRF receptors are required for the reinstatement of extinguished conditioned fear. 34th Annual Meeting of the Society for Neuroscience, SanDiego, CA. (Abstract published in Society for Neuroscience Abstracts, 29).

29. Bursztajn, S., Kim, A.M., Falls, W.A., Berman, S.A. & Friedman, M.J. (2004). Enhanced neurogenesis in nmdar nr1 transgenic mouse. 34th Annual Meeting of the Society for Neuroscience, SanDiego, CA. (Abstract published in Society for Neuroscience Abstracts, 29).

30. Guignon, M.H., Barnes, C., Jaworski, D.M., Silva, A.J. & Falls W.A.. (2004). CREB is required for the consolidation of conditioned fear as measured with fear-potentiated startle. 34th Annual Meeting of the Society for Neuroscience, SanDiego, CA. (Abstract published in Society for Neuroscience Abstracts, 29).

31. Falls, W.A., Burstajn, S. Pistel, P., Friedman, M.J. & Burman, S.A. (2003). NMDA NR1 receptor transgenic mice show a deficits in prepulse inhibition of startle and enhanced startle amplitude following fear conditioning. 33rd Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 28).

32. Waddell, J., & Falls, W.A. (2003). The CRH antagonist alpha-helical CRH blocks reinstatement of extinguished conditioned fear. 33rd Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 28).

33. Foley, C., Zurn, M-D., Waddell, J., & Falls, W.A. (2003). Renewal and reinstatement of extinguished conditioned fear in C57BL/6 mice. 33rd Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 28).

34. Guerrettaz, K. & Falls, W.A. (2003). Extinction of conditioned fear requires protein synthesis, 33rd Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 28).

35. Waddell, J., Humphries, K., & Falls, W.A. (2001). Reversible inactivation of the medial geniculate nuclei impairs fear-potentiated startle to a visual CS following feature-negative discrimination training. 31st Annual Meeting of the Society for Neuroscience, SanDiego, CA. (Abstract published in Society for Neuroscience Abstracts, 26, 531.19).

36. Heldt, S.A. Coover, G.D & Falls, W.A. (2001). The effects of pretraining and postraining lesions of the hippocampus on the expression of feature-negative discrimination of fear-potentiated startle. 31st Annual Meeting of the Society for Neuroscience, SanDiego, CA. (Abstract published in Society for Neuroscience Abstracts, 26, 642.5

37. Pistell, P., Zemenick, K. & Falls, W.A. (2001). Reversible inactivation of the amygdala slows but does not abolish the acquisition of conditioned fear over spaced training.. 31st Annual Meeting of the Society for Neuroscience, SanDiego, CA. (Abstract published in Society for Neuroscience Abstracts, 26, 531.18.

38. Falls, W.A. & Pistell, P. & Willot, J. (2001). Parametric analysis of fear-potentiated startle in several common inbred strains. . 31st Annual Meeting of the Society for Neuroscience, SanDiego, CA. (Abstract published in Society for Neuroscience Abstracts, 26. 955.17/

39. Waddell, J., Pistell, P.J., Heldt, S.A., & Falls, W.A. (2000). The effect of lesions of the superior colliculus on the elicitation and reduction of fear-potentiated startle. 30th Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 25, 465.1.

40. Heldt, S.A., Falls, W.A. & Coover, G.D. (2000). NMDA lesions of the auditory thalamus attenuate expression of conditioned inhibition of fear-potentiated startle. 30th Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 25, 465.2.

41. Guarraci, F.A., Frohardt R.J., Falls W.A., Musty R.E. (2000). Effects of sr 141716 and hu 210 on Pavlovian fear conditioning. 30th Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 25, 75.8).

42. Coover, G.D., Heldt, S.A. & Falls, W.A (2000). Hippocampal and cortical control ablations increase pseudoconditioning in the fear-potentiated startle task. 30th Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 25, 465.3).

43. Heldt, S.A., Coover, G.D. & Falls, W.A. (1999). Hippocampal ablations impair acquisition of trace fear-potentiated startle paradigm. 29th Annual Meeting of the Society for Neuroscience, Miami, FL. (Abstract published in Society for Neuroscience Abstracts, 25, 648.7).

44. Guarraci, F.A., Frohardt, R.J. Falls, W.A. & Kapp, B.S. (1999). Amygdala dopamine D2 recpetor involvement in Pavlovian fear conditioning. 29th Annual Meeting of the Society for Neuroscience, Miami, FL. (Abstract published in Society for Neuroscience Abstracts, 25, 36.4).

45. Falls, W.A. & Pistell, P. (1999). Reversible inactivation of the amygdala interferes with reinstatement of extinguished fear as measured with the fear-potentiated startle paradigm. 29th Annual Meeting of the Society for Neuroscience, Miami, FL. (Abstract published in Society for Neuroscience Abstracts, 25, 647.7).

46. Heldt, S.A. & Falls, W.A. (1998). Electrolytic lesions of the brachium of the inferior colliculus block the expression of conditioned inhibition of fear-potentiated startle. 28th Annual Meeting of the Society for Neuroscience, Los Angeles, CA. (Abstract published in Society for Neuroscience Abstracts, 24, 365.3).

47. Leal-Puente, L. & Falls, W.A (1998). Olfactory bulbectomy does not affect conditioned inhibition of fear as measured with fear-potentiated startle. 28th Annual Meeting of the Society for Neuroscience, Los Angeles, CA. (Abstract published in Society for Neuroscience Abstracts, 24, 365.1).

48. Falls, W.A., Josselyn, S.A., Gewirtz, J., Davis, M. (1998). The nucleus accumbens is not critical for conditioned inhibition of fear as measured with fear-potentiated startle. 28th Annual Meeting of the Society for Neuroscience, Los Angeles, CA. (Abstract published in Society for Neuroscience Abstracts, 24, 365.2).

49. Carlson, S., Falls, W.A., Turner, J.G., Hagan, M. & Willott, J.F. (1997). Fear-potentiated startle and prepulse inhibition in CREB mutant mice. 27th Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 23, 822.6).

50. Sundin, V.S., Heldt, S. And Falls, W.A. (1997). Fear-potentiated startle and conditioned freezing to a visual conditioned stimulus is similar in young and old C57 mice. 27th Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 23, 627.2).

51. Heldt, S. & Falls, W.A. (1997). Inhibition of fear-potentiated startle using an auditory conditioned inhibitor: Effects of auditory thalamic lesions. 27th Annual Meeting of the Society for Neuroscience, New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 23, 627.15).

52. Willott, J. F., Carlson, S., Falls, W. A., Turner, J., & Webster, S. (1996). Behavioral correlates of hearing-loss induced (HLI) plasticity in C57BL/6J mice: Increased effectiveness of tones producing fear-potentiated startle. 26th Annual Meeting of the Society for Neuroscience, Washington, D.C. (Abstract published in Society for Neuroscience Abstracts, 22, 716.7).

53. Gewirtz, J. Falls, W. A., Davis, M. (1996). NMDA antagonists infused into the amygdala block second-order conditioning, measured with fear-potentiated startle. 26th Annual Meeting of the Society for Neuroscience, Washington, D.C. (Abstract published in Society for Neuroscience Abstracts, 22, 442.6).

54. Carlson, S. Falls, W. A., Turner, J & Webster, S. & Willott, J. (1996). Fear-potentiated startle in three strains of inbred mice. 26th Annual Meeting of the Society for Neuroscience, Washington, D.C. (Abstract published in Society for Neuroscience Abstracts, 22, 442.3).

55. Falls, W. A., Heldt, S & Webster, S. (1996). External inhibition of fear-potentiated startle: A procedure for investigating the effect of distracting stimuli on the expression of conditioned fear. 26th Annual Meeting of the Society for Neuroscience, Washington, D.C. (Abstract published in Society for Neuroscience Abstracts, 22, 442.5).

56. Falls, W.A., Bakken, K, Webster, S. & Davis, M. (1995). Lesions of the perirhinal cortex block conditioned excitation but not conditioned inhibition of fear-potentiated startle. 25th Annual Meeting of the Society for Neuroscience, SanDiego CA. (Abstract published in Society for Neuroscience Abstracts, 21, 760.19).

57. Falls, W. A., & Davis, M. (1994). Lesions of the amygdala block conditioned excitation but not conditioned inhibition of fear-potentiated startle. 24th Annual Meeting of the Society for Neuroscience, Miami, FL. (Abstract published in Society for Neuroscience Abstracts, 20, 413).

58. Falls, W. A., & Davis, M. (1993). Conditioned inhibition of fear-potentiated startle. 23rd Annual Meeting of the Society for Neuroscience, Washington, D.C. (Abstract published in Society for Neuroscience Abstracts, 19, 155).

59. Falls, W. A., & Davis, M. (1992). Conditioned inhibition of fear-potentiated startle. Fifth conference for the Neurobiology of Learning and Memory, Irvine, CA.

60. Falls, W. A., & Davis, M. (1992). Visual cortex ablations fail to prevent extinction of fear-potentiated startle using a visual conditioned stimulus. 22nd Annual Meeting of the Society for Neuroscience. Anaheim, CA. (Abstract published in Society for Neuroscience Abstracts, 18, 652).

61. Falls, W. A., Miserendino, M. J. D., & Davis, M. (1991). Infusion of an N-methyl-D-aspartate antagonist into the amygdala blocks extinction of fear-potentiated startle. 21st Annual Meeting of the Society for Neuroscience. New Orleans, LA. (Abstract published in Society for Neuroscience Abstracts, 17, 194).

62. Falls, W. A., Miserendino, M. J. D., & Davis, M. (1990). Excitatory amino acid antagonists infused into the amygdala block extinction of fear-potentiated startle. 20th Annual Meeting of the Society for Neuroscience, St. Louis, MO. (Abstract published in Society for Neuroscience Abstracts, 16, 316).

INVITED PRESENTATIONS

1. Vermont Brain Bee, February 2014, “Stress and the Emotional Brain”.

2. American Congress of Sports Medicine. Baltimore Maryland, June 2010. Keynote Address: Contributions of the BNST to the anxiolytic effect of voluntary exercise.

3. University of Vermont Honors College Plenary Lecture, September 2008, 2009, 2010, 2011, 2012, 2013, 2104 “Exercise and Stress Resilience: How (and why) the rubber hits the road”.

4. OSHER Life Long Learning Institute, December 2007, “The Emotional Brain”

5. Pennington Biomedical Research Center, Baton Rouge LA, May 2007. “Anxiogenic effects of voluntary exercise in mice: contribution of central 5-HT”.

6. Eli Lily and Company, Indianapolis IN, April 2006. “Neural and genetic correlates of conditioned fear: Fear-potentiated startle in mice as a model for understanding PTSD and related anxiety disorders”.

7. European Molecular Biology Laboratory, Monterotondo, Italy, February 2004. “Neural and genetic correlates of conditioned fear: Fear-potentiated startle in mice as a model for understanding PTSD and related anxiety disorders”

8. EUmorphia First Annual Open Meeting, London, UK, October 2003. “Using Fear-potentiated Startle As A Screen For Emotional Learning In Mice”.

9. Session Chair, Annual Meeting of the American Psychological Association, August 2003. “Extinction Is Not Unlearning--- Evidence From Behavioral, Neurobiological, and Preclinical Studies of Fears and Phobias”.

10. Merck, Sharp & Dohme, London, UK, August 2003. “Using Fear-potentiated Startle As A High Throughput Screen For Emotional Learning In Mice”.

11. Institute for Behavioral Genetics, GSF - National Research Center for Environment and Health, June 2003. “Neural and genetic correlates of conditioned fear: Fear-potentiated startle in mice as a model for understanding PTSD and related anxiety disorders”.

12. Community Medical School, The University of Vermont, April 2002 “Fear tactics: New scientific techniques for understanding PTSD and related disorders”.

13. Annual meeting of the Pavlovian Society, October 2001, "Behavioral and physiological studies of Extinction: Extinction is not unlearning" co-authored with Dr. Mark Bouton

14. Department of Psychiatry, Harvard Medical School, McLean Hospital, May 2001, "Neural systems involved in the reduction of conditioned fear".

15. Department of Psychiatry, The University of Vermont, Grand Rounds, April 2001. "Neural systems involved in the elicitation and reduction of fear".

16. Across The Fence, WCAX TV (CBS affiliate) January 2001, "Research Report on fear memory"

17. Banbury Center, Cold Spring Harbor Laboratory, Mouse Behavioral Phenotyping Conference, August 2000, "Screening for sensory, motor, learning and anxiety phenotypes in mice using startle reflex methodology".

18. The Jackson Laboratories, Mouse Phenotyping, August 1999, "Fear-potentiated startle: a high throughput procedure for screening learning and memory mutants ".

19. 23rd Winter Conference on the Neurobiology of Learning and Memory, January 1999, "Cortical-subcortical interactions in inhibitory emotional learning "

RESEARCH FUNDING

Intramural - Funded

University of Vermont Research Award for the Natural and Social Sciences. The contribution of the enzyme glycogen synthase kinase beta (GSK3β) in the bed nucleus of the stria terminalis in the anxiolytic effects of exercise. Role PI, 11/2013 – 7/2014.

College of Nursing and Health Sciences Research Incentive Grant, Neural Mechanisms of the Anxiolytic Effects of Exercise, Role Co-I, 6/2010 to 6/2011.

University of Vermont Research Opportunity Grant, Anxiolytic effects of exercise and dietary amino acid supplement” Role PI, 12/2008 to 11/2009.

Extramural - Funded

National Institute of Mental Health R21 MH080935, “The modulation of serotonin responses in the bed nucleus of the stria terminalis by voluntary exercise”, Role: Co-I, 1/2009 to 12/2012.

National Institutes of Health P20 RR16435 “Center for biomedical research Excellence in Neuroscience” “Molecular and genetic analysis of learned reduction of fear in mice” Rodney Parson, University of Vermont Project Director. Role: PI, 9/2001 to 8/2006.

National Institutes of Health U01 NS41215 “Production and screening of mouse neurological mutants: Fear-potentiated startle in mutagenized mice” W Frankel, The Jackson Laboratory, Role: PI , 9/2000 to 8/2004.

National Institute of Mental Health R01 MH60190 “Screening Mice for auditory and neurobehavioral phenotypes”, Role Co-I. 1/2000 to 12/2002 .

National Institute of Mental Health R03 MH5968 “Neural systems involved in the reduction of fear” Role PI, 6/1999 to 5/2002.

National Institute of Mental Health R15 MH54290 "Neural circuits involved in the learned reduction of fear" Role PI, 6/1997 to 5/2000.

Not Funded

National Institute of Mental Health R21 MH105776, "GSK3β ser389 Phosphorylation and DNA Damage: A Novel Link to Stress Pathology", Role: PI. 5/2014

Ajinomoto Amino Acid Research Program "Essential Amino Acids, Stress and Exercise in T1R3 Knockout Mice". Role Co-I. 5/2010

Research Opportunities Grants Program, Proposal Development Fund Application, University of Vermont. "Synergist effect of amino acid supplement and voluntary exercise on stress-resilience" Role Co-I. 5/2010

Research Opportunities Grants Program, Proposal Development Fund Application, University of Vermont. "Role of Plasma Membrane Calcium Pumps in the Sense of Smell", Role Co-I. 5/2010

Defense Experimental Program to Stimulate Research (DEPSCoR). "The neurobiology of resilience to stress and trauma" Role Co-I., 10/2007

Defense Experimental Program to Stimulate Research (DEPSCoR). "The role of serotonin in the anxiety-reducing effects of voluntary exercise" , Role Co-I., 10/2006

National Institute of Deafness and Communicable Disorders R01 "Role of Plasma Membrane Calcium Pumps in the Sense of Smell", Role Co-I. 11/2007.

Veterans Administration. "Neurogenesis and the acquisition and extinction of conditioned fear", S Bursztajn , Dartmouth College , Role Co-I. 10/2005

National Institute of Mental Health R01 "Neural and molecular basis of reinstatement of fear", Role PI, 2/2005.

National Institute of Mental Health R01 "Cellular and molecular basis of extinction of fear", Role PI, 2/2004.

National Institute of Mental Health R21 "Neurogenesis and the acquisition and extinction of conditioned fear", S Bursztajn , Dartmouth College , Role Co-I. 11/2002

GRADUATE MENTORING

Brendan D. Hare (2015): Dissertation Title "Glycogen Synthase Kinase-3β: An Investigation Of The Novel Serine 389 Phosphorylation Site". Post-graduate position: Postdoctoral Associate, Ronald Duman PhD, Department of Psychiatry, Yale University (to begin in June 2105).

Jamie H. Fox (2011). Dissertation Title: "Behavioral, Pharmacological, and Molecular Correlates of the Anxiolytic Effect of Voluntary Exercise in Male C57BL/6J Mice". Post-graduate position: Postdoctoral Associate, Christopher Lowry PhD, Department of Integrative Physiology, University of Colorado, Boulder (2011 to present).

Jaylyn Waddell (2005). Dissertation Title "Antagonism of central corticotropin releasing factor receptors blocks reinstatement of extinguished fear". Post-graduate position: Postdoctoral Associate, Tracy Shores, Ph.D., Department of Psychology, Rutgers University (2005 to 2008). Current Position: Research Associate, University of Baltimore.

Paul Pistel (2003). Dissertation Title: "The Role of the Amygdala in the Acquisition of Conditioned Fear Over Several Days of Training". Post-graduate position: Postdoctoral Associate, Donald Ingram, PhD., National Institute on Ageing (2003 to 2006). Current Position: Assistant Professor of Psychology, Towson State University.

Scott Heldt (1998) Dissertation Title: "Destruction of the inferior colliculus disrupts the production and inhibition of fear conditioned to an acoustic stimulus". Post-graduate position: Postdoctoral Associate, Kerry Ressler, Ph.D., Department of

Psychiatry, Emory University (1998 to 2005). Current Position: Assistant Professor Department of Anatomy and Neurobiology, The University of Tennessee Health Science Center.

PROFESSIONAL SERVICE:

Council of Colleges of Arts and Sciences, Committee on Comprehensive Institution, 2018-present
Council of Colleges of Arts and Sciences, Committee Member - Research Institutions, 2018-present
Site Visitor and External Reviewer, University of Albany, assessed the College of Arts and Sciences, 2019

TEACHING:

Summer 2015
Psychology 109: Research Methods I (online)
Psychology 110: Research Methods II (online)

Fall 2014 Psychology 121: Biopsychology

Summer 2014 Psychology 109: Research Methods I (online)
Psychology 110: Research Methods II

Fall 2013 Psychology 109: Research Methods I

Summer 2013 Psychology 109: Research Methods I (online)
Psychology 110: Research Methods II

Spring 2013 No formal teaching responsibilities

Fall 2012 Psychology 109: Research Methods I

Summer 2012 Psychology 109: Research Methods I (online and on campus)
Psychology 110: Research Methods II

Spring 2012 No formal teaching responsibilities

Fall 2011 Psychology 109: Research Methods I

Spring 2011 Psychology 121: Biopsychology

Fall 2010: Psychology 151: Abnormal Psychology (instructor of record, administrative only)

Spring 2010: No formal teaching responsibilities

Fall 2009: Psychology 121: Biopsychology

Spring 2009: Psychology 121: Biopsychology

Fall 2008: Psychology 380: Neurobehavioral Genetics

Spring 2008: Psychology 121: Biopsychology

Fall 2007: Psychology 303: Biobehaviroal Professional Seminar

Spring 2007: No formal teaching responsibilities

Fall 2006: Psychology 121: Biopsychology

Psychology 303: Biobehaviroal Professional Seminar

Spring 2006: Sabbatical

Fall 2005: Psychology 121: Biopsychology
Psychology 380: Professional Seminar

Spring 2005: Psychology 121: Biopsychology
Psychology 223: Psychopharmacology

Fall 2004: Psychology 121: Biopsychology
Psychology 380: Professional Seminar

Spring 2004: Psychology 110: Research Methods II and laboratory
Psychology 380: Professional Seminar

Fall 2003: Psychology 380: Behavioral Genetics: Mutagenesis and Transgenics

Spring 2003: Psychology 110: Research Methods II and laboratory
Psychology 380: Professional Seminar

Fall 2002: Psychology 295: Undergraduate Seminar in Advanced Topics in Behavioral Neuroscience

Spring 2002: Psychology 110: Research Methods II and laboratory
Psychology 380: Professional Seminar

Fall 2001: No formal teaching responsibilities

Spring 2001: Psychology 110: Research Methods II and laboratory

Fall 2000: Psychology 223: Psychopharmacology
Psychology 380: Professional Seminar

Spring 2000: Psychology 110: Research Methods II and laboratory
Psychology 380: Behavioral Genetics: mutagenesis and transgenics

Fall 1999: No formal teaching responsibilities

Spring 1999: Psychology 110: Research Methods II and laboratory
Psychology 380: Professional Seminar

Fall 1998: No teaching responsibilities.

Spring 1998: Psychology 305: Brain and Behavior (Northern Illinois University)
Psychology 481: Psychopharmacology (Northern Illinois University)

Fall 1997: Psychology 305: Brain and Behavior (Northern Illinois University)
Psychology 504: Advanced Graduate Statistics (Northern Illinois University)

Spring 1997: Psychology 300: Brain and Behavior Sections A (Northern Illinois University)
Psychology 300: Brain and Behavior Sections B (Northern Illinois University)

Fall 1996: Psychology 300: Brain and Behavior (Northern Illinois University)
Psychology 504: Advanced Graduate Statistics (Northern Illinois University)

Spring 1996: Psychology 300: Brain and Behavior Sections A (Northern Illinois University)
Psychology 300: Brain and Behavior Sections B (Northern Illinois University)

Fall 1995: Psychology 300: Brain and Behavior (Northern Illinois University)

Psychology 504: Advanced Graduate Statistics (Northern Illinois University)

Spring 1995: Psychology 300: Brain and Behavior (Northern Illinois University)
Psychology 481: Psychopharmacology (Northern Illinois University)

Fall 1994: Psychology 300: Brain and Behavior Sections A (Northern Illinois University)
Psychology 300: Brain and Behavior Sections B (Northern Illinois University)

SERVICE

Department:

Director of Undergraduate Studies	2003-2006
Undergraduate Committee	1998-2006
PsiChi and Psychology Club Faculty Advisor	2003-2006
Computer Committee	1998-2000
Alumni Committee	1998-2000
Awards Committee (chair)	1999-2005
Faculty Search Committee-behavioral neuroscience	1999-2000
Faculty Search Committee-behavioral neuroscience (chair)	2000-2001
Faculty Search Committee-clinical	2001-2002
Faculty Search Committee-behavioral neuroscience (chair)	2002-2003

College

Arts and Sciences Strategic Planning Committee	2013-2014
Arts and Sciences Dean Search Committee	2011-2012
Arts and Sciences Curriculum Committee	2005-2008
Arts and Sciences Admission Committee (chair)	2000-2004
Chair Search Committee-psychology	2001-2002

University

Chair, Faculty and Academic Affairs - COVID Response	2020-present
Chair, Director of Admissions Search Committee	2017
Chair, Honor's College Dean Search Committee	2017
Dean of the College of Education and Social Service	2014
Fifth year Review Committee	
Chairperson, Institutional Animal Care and Use Committee	2007-2015
Institutional Animal Care and Use Committee	2001-present
Pandemic Planning for Research	2007-2009
Vice Chair, Institutional Animal Care and Use Committee	2003-2006
Pre-medical Admissions Committee	2000-2005

Profession

Committee on Research Institutions Member	2019 - present
Council of Colleges of Arts and Sciences (CCAS)	
Assessment Team Site Visitor – SUNY Albany	2019
College of Arts and Sciences	
Grant Panel Member	
National Institutes of Health – F31/F32	2011-2013

Ad hoc Journal Reviewer
- Behavioral Neuroscience
- Behavioural Brain Research
- Biological Psychiatry
- Brain Research
- Brain Research Reviews
- European Journal of Neuroscience
- Genes, Brain and Behavior

Hippocampus
Journal of Experimental Psychology: Animal Behavior Processes
Learning and Behavior
Learning and Memory
Nature Genetics
Neurobiology of Learning and Memory
Neuropeptides
Neuropsychopharmacology
Neuroscience
Physiology and Behavior
Psychobiology
Psychopharmacology
The Journal of Neuroscience
Trends in Neuroscience

Ad hoc Grant Reviewer
National Science Foundation
National Institute of Mental Health
Neurological Foundation of New Zealand
Veterans Administration

Community:

Vermont World You Day Board Member	2015 – present
Knights of Columbus	2010 – present
4th degree Sir Knight	2014 – present
Deputy Grand Knight Bishop Rice Council	2014 – 2017
Lector, Holy Family and St. Lawrence Parish	2002 – present
Catechist (religious education teacher)	2003 - 2017
Pastoral Council President	2004 – 2007
Essex Town Little League, coach and manager	2000 – 2005, 2010 – 2013
Essex Junction Little League, coach and manager	2004 – 2007
Essex Town Little League, board of directors	2002 – 2004