

**Sharon Christine Furtak**  
**CURRICULUM VITAE**  
**January 2024**

**Contact Information:**

Department of Psychology  
California State University Sacramento  
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**EDUCATION**

Dec. 2006      Doctor of Philosophy, Behavioral Neuroscience, Yale University, New Haven, CT  
Dec. 2004      Masters of Philosophy, Behavioral Neuroscience, Yale University, New Haven, CT  
Dec. 2003      Masters of Science, Behavioral Neuroscience, Yale University, New Haven, CT  
May 1999      Bachelor of Arts, Behavioral Neuroscience, University of Massachusetts, Amherst, MA

**RESEARCH INTERESTS**

Every day we form countless new associations among objects and contexts. When these associations carry emotional valence, such as in Pavlovian fear conditioning, learning is rapid and persistent. In humans, the persistence of an emotional memory can become maladaptive and debilitating, leading to the development of anxiety disorders, such as post-traumatic stress disorder and phobias. My research interests focus around three goals involving this type of emotional learning and memory. First, I aim to understand how we learn to fear complex objects and contexts, as well as how we learn no longer to fear that stimulus when it is no longer a threat to us. Second, using a rodent-based model, I aim to explore the neurocircuitry that contribute to emotional memory, especially when learning about complex objects and the contextual modulation of emotional memory. Third, I aim to understand how these processes translate from rodent to human models of emotional learning and memory.

**ACADEMIC APPOINTMENTS**

01/24 - Present    *Interim Chair* (Permanent Chair on Special Assignment)  
California State University Sacramento (Sacramento State), Sacramento, CA  
Department of Psychology

06/23 - Present    *Consultant*  
Metahab, Inc., Sacramento, CA

08/22 - Present    *Professor*  
California State University Sacramento (Sacramento State), Sacramento, CA  
Department of Psychology

07/22 - 01/23    *Interim Chair* (Permanent Chair on Special Assignment)  
California State University Sacramento (Sacramento State), Sacramento, CA  
Department of Psychology

08/18 - 07/22    *Associate Professor*  
California State University Sacramento (Sacramento State), Sacramento, CA  
Department of Psychology

08/12 - 07/18    *Assistant Professor*  
California State University Sacramento (Sacramento State), Sacramento, CA  
Department of Psychology

- 01/11 - 07/12 *Postdoctoral Fellow*  
Harvard Medical School, Boston, MA  
Department of Psychiatry & Department of Radiology
- 02/09 - 05/10 *Adjunct Professor*  
Rhode Island College, Providence, RI  
Department of Psychology
- 02/07 - 12/10 *Postdoctoral Fellow*  
Brown University, Providence, RI  
Department of Psychology

## **PROFESSIONAL DEVELOPMENT ON DIVERSITY, EQUITY & INCLUSION**

- 07/23 Black in Neuro Week 2023, Week-long Conference Event Including Roundtable Discussions, Invited Neuroscience Talks, and Informational Panels, virtual format.
- 06/23 Ethics and Diversity Committee, Roundtable Session: Funding Disparities within Neuroscience, Facilitated by Drs. Kwapis & Trask, International Behavioral Neuroscience Conference, Niagara Falls, Canada, in-person format.
- 03/23 Exposing Hidden Bias, Training by Dr. Lanaya Gaberel, California State University Chancellor's Office, virtual format.
- 01/23 A Workshop for Trans Allyship, 2023 Diversity Leadership Conference, Sacramento State, virtual format.
- 11/22 Culturally Validated Pedagogy and Inclusion in Neuroscience, Society for Neuroscience Annual Conference. In-Person format.
- 07/22 Black in Neuro Week 2022, Week-long Conference Event Including Roundtable Discussions, Invited Neuroscience Talks, and Informational Panels, virtual format.
- 06/22 Ethics and Diversity Committee, Roundtable Session: Funding Disparities within Neuroscience, Facilitated by Drs. Kwapis & Sangha, International Behavioral Neuroscience Conference, Glasgow, Scotland, in-person format.
- 06/22 Black in Neuro, Roundtable Session: How to Support BIPOC Colleagues and Students in Neuroscience, Facilitated by Dr. Brielle Ferguson, International Behavioral Neuroscience Conference, Glasgow, Scotland, in-person format.
- 04/21 The Power of Positive Mentoring: Supporting Underrepresented Minorities on the Path Towards a Successful Career in STEM, Roundtable Session, Facilitated by Drs. Christy Teranishi Martinez & Natalia Jaramillo, Western Psychological Association Conference, virtual format.
- 04/21 From Privilege to Progress: Desegregating the Public Conversation about Racism and Allyship, Workshop by Melissa DePino & Michelle Saahene, Yale Office of Graduate Student Development and Diversity, Yale University, virtual format.
- 04/21 Radical Healing for Students of Color: How to Survive and Thrive in the Face of Systemic Racism, Talk by Dr. Jioni Lewis, BIPOC Speaker Series, Department of Psychology, California State University Sacramento, virtual format.
- 11/20 Engaging Racism: Looking Back, Moving Forward, Talk/Panel Discussion, Social Science and Interdisciplinary Studies, California State University Sacramento, virtual format.
- 10/20 White Anti-Racist Accountability Workshop, Fall Convocation Workshop by Drs. Erin Ellison & Rachel Flamenbaum, California State University Sacramento, virtual format.

- 08/20 Confronting Anti-Black Racism on College Campuses: A 2-Day training Professional Development Training for Educators, Dr. Aletha Harven, California State University Stanislaus, virtual format.
- 07/20 Black Minds Matter: A 5-Session Webinar, Hosted by Drs. Luke Wood & Donna Ford, Center for Organizational Responsibility and Advancement (CORA), virtual format.
- 06/20 Leadership in Cultural Competence, Equitable Pedagogy, and Cultural Consciousness to Interpret Racial Inequities in Higher Education, Workshop by Dr. Tina Jordan-Brown, California State University Sacramento, virtual format.
- 02/20 - 05/20 Professional Community of Inquiry (PCI): Equity for an Inclusive Campus, Facilitated by Drs. Tina Jordan-Brown & Bridget Parish, Center for Teaching & Learning, California State University Sacramento, in-person and virtual format.
- 03/20 Equity-Minded Student Support Services in Online Environments, Webinar by Drs. Luke Wood & Frank Harris III, Center for Organizational Responsibility and Advancement (CORA), virtual format.
- 09/19 Affirmative Action Equal Opportunity Representative (AA/EOR) Training, Division of Inclusive Excellence, California State University Sacramento, in-person format.
- 11/17 Raising Awareness on Unconscious Bias, and Cognitive Errors, Training by Dr. Adrienne Lawson, California State University Sacramento, in-person format.
- 09/16 Affirmative Action Equal Opportunity Representative (AA/EOR) Training, Office of Equal Opportunity – Human Resources, California State University Sacramento, in-person format.

### **PROFESSIONAL DEVELOPMENT ON PEDAGOGICAL STRATEGIES**

- 06/23 QM Rubric Update Seventh Edition for Quality Matters (Certificate Program)
- 07/21 Peer Reviewer Course for Quality Matters (Certificate Program)
- 05/21 Teaching Institute on Adaptive Teaching for Equity, Center for Teaching & Learning, California State University Sacramento
- 08/20 Introduction to Teaching Online using QLT (Certificate Program)
- 05/20 Summer Camp for Online Delivery, Center for Teaching & Learning, California State University Sacramento
- 02/20 - 05/20 Student Success Analytics, California State University, Office of the Chancellor (Certificate Program)
- 03/18 CSU Mathematics/Quantitative Reasoning Supportive Course Workshop Office of the Chancellor's, in-person format. Long Beach, CA.
- 12/17 Creating Equitable Learning Environments through Growth Mindset and Disciplinary Apprenticeships workshop, WestEd, Center for Teaching & Learning, California State University Sacramento
- 02/17 Improving Your Online Course with Quality Matters (Certificate Program)
- 2016 - 2017 Course Redesign with Technology, California State University, Office of the Chancellor)
- 03/16 Applying the Quality Matters Rubric (Certificate Program)
- 02/13 - 05/13 eAcademy, Hybrid Course Development Program, California State University Sacramento

## TEACHING EXPERIENCE

### California State University Sacramento (09/12 - Present)

PSYC 4 (Online Asynchronous): Navigating Psychology  
 PSYC 9 (Flipped In-Person and Online Synchronous): Statistics for Psychology  
 PSYC 101 (Traditional and Flipped): Statistics for Psychology  
 PSYC 111 (Traditional and Hybrid In-person/Online): Foundations of Behavioral Neuroscience  
 PSYC 121 (Traditional): Methods & Statistics in Psychological Research  
 PSYC 200 (Traditional): Methods in Empirical Psychology  
 PSYC 240 (Traditional and Online Synchronous): Graduate Seminar in Behavioral Neuroscience

### Rhode Island College (02/09 - 05/10)

PSYC 110: (Traditional) Introduction to Psychology  
 PSYC 350: (Traditional) Behavioral Neuroscience

## PUBLICATIONS

- Allen T.A. and **Furtak S.C.** (2021) Introduction to the special issue on extrahippocampal contributions to hippocampal-dependent memory. *Hippocampus* 31: 634-639.
- Bartley T.D. and **Furtak S.C.** (2021) Perirhinal damage produces modality-dependent deficits in fear learning. *Neurobio Learning & Memory* 181: 107427.
- Ghosh M., Shanahan B.E., **Furtak S.C.**, Mashour G.A., Burwell R.D., and Ahmed O.J. (2020) Instantaneous amplitude and shape of postrhinal theta oscillations differentially encode running speed. *Behav Neurosci* 134: 516-528.
- Potter N.M., Calub C.A., and **Furtak S.C.** (2020) Perirhinal cortex inactivation produces retrieval deficits in fear extinction to a discontinuous visual stimulus. *Behav Neurosci* 134: 144-152.
- Calub C.A., **Furtak S.C.**, and Brown T.H. (2018) Revisiting the autoconditioning hypothesis for acquired reactivity to ultrasonic alarm calls. *Physiology & Behavior* 194: 380-386.
- Raij T., Nummenmaa A., Marin M-F, Porter D., **Furtak S.**, Setsompop K., and Milad M. (2018) Prefrontal cortex stimulation enhances fear extinction memory in humans. *Biological Psychiatry* 84: 129-137.
- Furtak S.C.** and Brown T.H. (2018) Limbic-system involvement in rat ultrasonic communications. In S.M. Brudzynski (Ed.), *Handbook of Ultrasonic Vocalizations*, 25: 95-108. London: Elsevier.
- Rossi S., Huang S., **Furtak S.C.**, Belliveau J.W., and Ahveninen J. (2014). Functional connectivity of dorsal and ventral frontoparietal seed regions during auditory orienting. *Brain Research* 1583: 159-68.
- Milad M.R., **Furtak S.C.**, Greenberg J., Diniz J.B., Falkenstein M., Rauch S., and Wilhelm S. (2013) Deficits in conditioned fear extinction in obsessive-compulsive disorder correlate to neurobiological changes in the fear circuit. *JAMA Psychiatry* 70(6): 608-618.
- Furtak S.C.** (2013) Neurons. In Diener E. & Biswas-Diener R. (Eds), *Noba textbook series: Psychology*. Champaign, IL: DEF Publishers. DOI: [www.nobaproject.com](http://www.nobaproject.com)
- Furtak S.C.**, Ahmed O.J., Burwell R.D. (2012) Single neuron activity and theta modulation in postrhinal cortex during visual discriminations. *Neuron* 76(5): 976-988.
- Linnman C., Zeidan M.A., **Furtak S.C.**, Pitman R.K., Quirk G.J., and Milad M.R. (2012) Resting amygdala and medial prefrontal metabolism predicts functional activation of the fear extinction circuit. *Am J Psychiatry* 169: 415-423.
- Moyer Jr. J.R., **Furtak S.C.**, McGann J.P., and Brown T.H. (2011) Aging-related changes in calcium binding proteins in rat perirhinal cortex. *Neurobiol Aging* 32(9):1693-1706.

- Furtak S.C.**, Cho C.C., Kerr K.M., Barredo J.L., Alleyne J.E., Patterson Y.R., and Burwell R.D. (2009) The Floor Projection Maze: A novel behavioral apparatus for presenting visual stimuli to rats. *J Neurosci Methods* 181: 82-88.
- Burwell R.D. and **Furtak S.C.** (2008) Recognition memory: Can you teach an old dogma new tricks? *Neuron* 59: 523-525.
- Furtak S.C.**, Wei S-M, Agster K.L., and Burwell R.D. (2007) Functional neuroanatomy of the parahippocampal region in the rat: The perirhinal and postrhinal cortices. *Hippocampus* 17 (9): 709-722.
- Kerr K.M., Agster K.L., **Furtak S.C.**, and Burwell R.D. (2007) Functional neuroanatomy of the parahippocampal region: The lateral and medial entorhinal areas. *Hippocampus* 17 (9): 697-708.
- Furtak S.C.**, Allen T.A., and Brown T.H. (2007) Single-unit firing in rat perirhinal cortex caused by fear conditioning to arbitrary and ecological stimuli. *J Neurosci.* 27(45):12277-12291.
- Furtak S.C.**, Moyer J.R., Jr., and Brown T.H. (2007) Morphology and ontogeny of rat perirhinal cortical neurons. *J Comp Neurol* 505 (5):493-510.
- Allen T.A., **Furtak S.C.**, and Brown T.H. (2007) Single-unit responses to 22 kHz ultrasonic vocalizations in rat perirhinal cortex. *Behav Brain Res* 182 (2): 327-336.

#### **PUBLICATIONS IN PREPARATION** (\*, notes undergraduate co-author)

- Gonzalez Magana D., Vang N., Purewal R., and **Furtak S.C.** Perirhinal cortex supports stimulus unitization in fear extinction learning.
- Todd, T., and **Furtak S.C.** Contributions of the perirhinal and postrhinal cortices to fear learning: A review.

#### **CONFERENCE PRESENTATIONS - SINCE 2015** (\*, notes undergraduate co-author)

- Furtak S.C. (2023) Evaluation of a structured approach to mentorship and training in neuroscience research at a Hispanic-serving institute. Society for Neuroscience Abstracts, 48. Washington, DC. Virtual and In-Person Format. Poster Session.
- Vang N.A. and **Furtak S.C.** (2023) A cross-lesion approach to assess the perirhinal-prefrontal cortical collaboration supporting fear extinction memory. International Behavioral Neuroscience Society Annual Meeting. Niagara Falls, Ontario, Canada. In-Person Format. Poster Session.
- Vang N.A., Purewal R.A.K., Gonzalez Magana D., and **Furtak S.C.** (2022) Perirhinal-prefrontal cortical connections support cue-elicited expression of conditioned fear responses. Society for Neuroscience Abstracts, 47. San Diego, CA. Virtual and In-Person Format. Poster Session.
- Lamb J.H., \*Duka E.P., \*Demyanchuk P. and **Furtak S.C.** (2022) Chemogenetic silencing of the perirhinal cortex impairs retrieval of the extinction memory to a discontinuous conditioned stimulus. Society for Neuroscience Abstracts, 47. San Diego, CA. In-Person Format. Poster Session.
- \*Shahzada, A.A., \*Rocha, L.A., Gonzalez Magana, D. and **Furtak S.C.** (2022) Post-conditioning lesions of the perirhinal cortex impairs fear extinction learning. Fall 2022 Research and Creative Activity Forum. Sacramento State, Sacramento, CA. In-Person Format. Poster Session.
- Lamb J.H., and **Furtak S.C.** (2022) Chemogenetic silencing of the perirhinal cortex attenuates fear extinction learning to a discontinuous visual conditioned stimulus. Pavlovian Society Annual Meeting. Milwaukee, WI. Poster Session.
- Furtak S.C.**, Vang N.A., Purewal R.A.K., and Gonzalez Magana D. (2022) Post-conditioning lesions to the perirhinal cortex does not impair fear extinction learning. International Behavioral Neuroscience Society Annual Meeting. Glasgow, Scotland. In-Person Format. Poster Session.
- Lamb J.H., Cirksena T.J., Hillman-Siracusa A., and **Furtak S.C.** (2022) Mindfulness as a tool to mitigate stress and anxiety from emotionally salient media exposure. Western Psychology Association Conference, In-Person Format. Poster Session.

- \*Demyanchuk P., \*Christiansen D., Bartley T., and **Furtak S.C.** (2021) Ultrasonic vocalization production as an index of innate anxiety-like behavior in rodents. Western Psychology Association Conference, Virtual Format. Poster Session.
- \*Gonzalez Magana D., Bartley T.D. & Furtak S.C. (2021) Post-acquisition lesions of the perirhinal cortex abolishes the fear memory dependent upon stimulus continuity. Annual Winter Conference on the Neurobiology of Learning & Memory, Virtual Format. Data Blitz Session.
- Grisales K., Viscidy J.C., \*Madigan K.V., & Furtak S.C. (2020) Perirhinal lesions in rats produce deficits in fear acquisition to a multi-modal conditioned stimulus. Western Psychology Association. San Francisco, CA. Psi Chi Poster Session. (COVID-related cancellation).
- \*Gonzalez Magana D. & Furtak S.C. (2019). Post-conditioning lesions of the perirhinal cortex impairs retrieval of the fear memory to a discontinuous conditioned stimulus. Pavlovian Society Annual Meeting. Vancouver, Canada. Poster Session.
- Potter N.M., Calub C.A., & Furtak S.C. (2019). Could Perirhinal Cortex Contribute to Stimulus Representation During Fear Extinction Recall? Annual Winter Conference on the Neurobiology of Learning & Memory, Park City, Utah. Data Blitz Session.
- Potter N.M., Calub C.A., & Furtak S.C. (2018). A Possible Role for Perirhinal Cortex in Fear Extinction Learning. Society for Neuroscience Annual Meeting. San Diego, CA. Poster Session.
- Bartley T.D., \*Crandall A.R., & Furtak S.C. (2018). Assessing the Function of the Perirhinal Cortex: Affective Stimulus Processing Across Modalities. Annual Provost's Student Research & Creative Activity Forum. Sacramento, CA. Poster Session.
- \*Sparling S., \*Vang N., & Furtak S.C. (2018). Assessing the Function of the Perirhinal Cortex: Developing a Perceptual Visual Task. Annual Provost's Student Research & Creative Activity Forum. Sacramento, CA. Poster Session.
- \*Crandall A.R., Bartley T. D., Viscidy J.C. & Furtak S. C. (2018) Assessing the function of the perirhinal cortex: Affective stimulus processing across modalities. Sacramento State Psychology Department's 2018 Annual Research Conference. Sacramento, CA. Poster Session.
- Bartley T.D., Viscidy J., Neal R. & Furtak S.C. (2018) Innovative chemogenetic approaches in neuroscience: Targeted silencing of neural communication in the perirhinal cortex using DREADDs. Sacramento State Research Symposium. Sacramento, CA. Poster Session.
- Schnider A.K. & Furtak S.C. (2018). One of these is not like the other: A rodent model for examining mnemonic versus perceptual function. Sacramento State Research Symposium. Sacramento, CA. Poster Session.
- Schnider A.K., \*Bartley T.D., & Furtak S.C. (2017). PTSD and the Perirhinal Cortex: Demystifying Complex Learned Associations. Western Psychology Association Annual Conference. Sacramento, CA. Poster Session.
- \*Dugger B.P, Potter N.M., Calub C.A. & Furtak S.C. (2018) Fear not: The role of perirhinal cortex in learning the CS-no US association. Sacramento State Research Symposium. Sacramento, CA. Slide Session.
- Potter N.M., Calub C.A., \*Poujade K.N., & Furtak S.C. (2017). Impaired fear extinction relevant to anxiety-related disorders: Using a rodent model to differentiate the neural pathways of fear. Western Psychology Association Annual Conference. Sacramento, CA. Poster Session.
- \*Lord T.M. & Furtak S.C. (2017). Alteration of contextual cues influence discrimination in rats. Western Psychology Association Annual Conference. Sacramento, CA. Poster Session.
- \*Lord T.M. & Furtak S.C. (2017). Optimizing contextual discrimination in the context shift. Sacramento State Student Research Symposium, Sacramento, CA. Slide Session.
- Schnider A.K. & Furtak S.C. (2016). Perirhinal-amygdala connectivity supports fear conditioning to a complex stimulus. Sacramento State Student Research Symposium, Sacramento, CA. Slide Session.

- Potter N.M. & Furtak S.C. (2016). Perirhinal cortex involvement in fear extinction to a discontinuous light stimulus. Sacramento State Student Research Symposium, Sacramento, CA. Slide Session.\*In top 10 students, which went on to present at system-wide competition.
- Calub C.A., Potter N.M., \*Beckner A.G., \*Sardo A.C., and Furtak S.C. (2015) Perirhinal cortex involvement in fear extinction to a discontinuous light stimulus. Society for Neuroscience Abstracts, 40. Washington, DC. Poster Session.
- Schnider A.K. & Furtak S.C. (2015). Perirhinal-amygdala connectivity supports fear conditioning to a complex stimulus. Annual Psychology Research Conference at CSUS. Sacramento, CA. Poster Session.
- Schnider A.K. & Furtak S.C. (2015). Perirhinal-amygdala connectivity supports fear conditioning to a complex stimulus. Provost's Student Research Symposium, Sacramento, CA. Poster Session.
- Furtak S.C., Calub C.A., and \*Potter N.M. (2015) Perirhinal cortex involvement in fear extinction to a discontinuous light stimulus. Pavlovian Society Annual Meeting Abstracts. Portland, OR. Poster Session.
- Calub C.A., Furtak S.C., and Brown T.H. (2015) Autoconditioning hypothesis for acquired fear of ultrasonic alarm cries. Pavlovian Society Annual Meeting Abstracts. Portland, OR. Poster Session.
- Rajj T., Nummenmaa A., Marin M.-F., Boratyn D., Furtak S., Setsompop K, and Milad M. (2015) A probabilistic brain stimulation atlas for modulating human fear memory. BrainSTIM. Honolulu, Hawaii. Poster Session.

## INVITED ADDRESSES

- 07/23 "Using a Data Driven Approach to Course Design" Analytics Certificate for Course Equity and Student Success, University of Arizona. Virtual format.
- 04/23 "Fear or Fear Not: Brain Mechanisms Underlying Emotional Regulation!" The Science and Practice of Posttraumatic Growth Conference, Sacramento State. Sacramento, CA. In-person format.
- 07/22 "Using a Data Driven Approach to Course Design" Analytics Certificate for Course Equity and Student Success, University of Arizona. Virtual format.
- 02/21 "To fear or not to fear...that is the question!" California State University (CSU) Basic Research and Instruction in Neuroscience (BRAIN) Alliance, Weekly Neuroscience Seminar. Virtual format.
- 12/20 "Stimulus-dependent involvement of the perirhinal cortex in fear learning." International Graduate School of Neuroscience. Ruhr University, Bochum, Germany. Virtual format.
- 09/19 "To fear or not to fear: How stimulus complexity drives the biological aspects of negative emotions." Award Ceremony and Lecture. Sacramento State, Sacramento, California
- 09/17 "Doing the math: Increasing mathematics readiness through collaboration and professional learning." Zeroing in on Intermediate Algebra/Integrated III. San Diego Math Network, San Diego, California
- 12/13 "Excitatory and inhibitory neural circuits in Pavlovian Conditioning." Student Association for Applied Behavior Analysis, California State University Sacramento, Sacramento, California
- 01/12 "To fear or not to fear: Implications of conditioning models for anxiety disorders." Department of Psychology, Bates College, Lewiston, Maine
- 12/11 "To fear or not to fear: Implications of conditioning models for anxiety disorders." Department of Psychology, Bowdoin College, Brunswick, Maine
- 11/11 "Human fear extinction and anxiety disorders." Department of Psychology, Yale University, New Haven, Connecticut
- 10/10 "Complex stimulus processing in the parahippocampal region." Department of Psychology, Yale University, New Haven, Connecticut
- 03/09 "Contributions of the perirhinal cortex to emotional memory." Department of Psychological & Brain Sciences, Dartmouth College, Hanover, New Hampshire

03/09 “Should I be scared? The role of perirhinal cortex in emotional memory.” Department of Psychology, Rhode Island College, Providence, Rhode Island

## EXTERNAL FUNDING SUPPORT

- 07/18 *Laboratory Equipment Donation*  
 Donor: Thomas H. Brown, Yale University  
 Equipment Donated: microtome, dissecting microscope, rat stereotaxic apparatus, digital infusion pump, Zeiss Axioskop and AxioCam Zeiss with StereoInvestigator.  
 Total Donation: estimated \$100,000-\$150,000
- 07/18 - 06/22 *Research in Undergraduate Institutions (RUI) Award*  
 Division of Integrative Organismal Systems, IOS  
 Biological Sciences Directorate  
 National Science Foundation, NSF  
 Title: RUI: Perceptual and Mnemonic Functions of the Perirhinal Cortex in Stimulus Representations  
 Grant PI: Sharon Furtak  
 Total Award (Includes Indirect): \$465,041
- 11/16 - 10/18 *California Mathematics Readiness Challenge Initiative Award*  
 California Department of Education  
 Grant PI: Joy Salvetti  
 Role: Co-Evaluator  
 Total Award: \$1,280,000
- 07/09 - 01/11 *Ruth L. Kirschstein National Research Service Award (NRSA)*  
 Postdoctoral Fellowship  
 National Institutes of Health, NIMH  
 Grant PI: Sharon Furtak  
 Location of Project: Brown University, Providence, RI  
 Total Award: \$101,764
- 01/08 - 12/08 *Ruth L. Kirschstein National Research Service Award (NRSA)*  
 Institutional Training Grant  
 National Institutes of Health, NIMH  
 Location of Project: Brown University, Providence, RI  
 Total Award: \$42,000

## INTERNAL FUNDING SUPPORT

- 09/17 - 08/18 *Research and Creative Activity Mini-Grant Award*  
 California State University Sacramento  
 Sacramento, CA  
 Grant PI: Sharon Furtak  
 Total Award: \$7,500
- 06/17 *External Funding Incentive Award*  
 College of Social Sciences & Interdisciplinary Studies  
 California State University Sacramento  
 Sacramento, CA  
 Grant PI: Sharon Furtak  
 Total Award: \$5,000



- 06/17 *Special Funding Award*  
College of Social Sciences & Interdisciplinary Studies  
California State University Sacramento  
Sacramento, CA  
Grant PI: Sharon Furtak  
Total Award: \$1,096
- 06/16 - 05/17 *Course Redesign with Technology Award*  
California State University, Chancellor's Office  
Location of Project: California State University Sacramento  
Grant PI: Sharon Furtak  
Total Award: \$10,148
- 09/14 - 08/15 *Research and Creative Activity Mini-Grant Award*  
California State University Sacramento  
Sacramento, CA  
Grant PI: Sharon Furtak  
Total Award: \$4,740
- Summer 2014 *Provost's Research Incentive Award*  
California State University Sacramento  
Sacramento, CA  
Grant PI: Sharon Furtak  
Total Award: \$5,000
- 09/12 - 05/13 *Faculty Promotion Development Award*  
College of Social Sciences & Interdisciplinary Studies  
California State University–Sacramento, Sacramento, CA  
Grant PI: Sharon Furtak  
Total Award: \$557
- 08/04 - 05/06 *Individual Research Project Award*  
Graduate School of Arts & Sciences, Yale University  
Yale University, New Haven, CT  
Total Award: \$15,000

## AWARDS AND HONORS

- 2023 *O.W.L Award (Outstanding, Wisdom and Leadership)*  
Peer Academic Resource Center (PARC)  
California State University Sacramento  
Sacramento, CA
- 2018 - 2019 *Early-Career Faculty Research and Creative Activity Award*  
Office of Research, Innovation, and Economic Development  
California State University Sacramento  
Sacramento, CA  
Total Award: \$2,500
- 2017 *O.W.L Award (Outstanding, Wisdom and Leadership)*  
Peer Academic Resource Center (PARC)  
California State University Sacramento  
Sacramento, CA
- Spring 2014 *Faculty Development Grant Award*  
California State University Sacramento Retirees Association  
Sacramento, CA  
Total Award: \$500

- Spring 2014     *Student Mentorship Recognition Award*  
 Academic Affairs & Research Administration  
 California State University Sacramento, Sacramento, CA  
 Total Award: \$250
- 2005 - 2006     *Jane Olejarczyk Award*  
 Department of Psychology, Yale University  
 Yale University, New Haven, CT  
 Total Award: \$350

## PROFESSIONAL LOCAL AND NATIONAL PRESS

Sacramento State Magazine (November 12, 2018)

<https://www.csus.edu/sacstatemagazine/2018/11/news/grant-supports-exploration-of-fear-meantal-illness-connection.html>

The Campus Culture (December 17, 2013)

<http://thecampusculture.com/2013/12/17/adderall-is-a-lifestyle-for-sac-state-students-who-need-to-stay-ahead-we-talk-with-one/>

News10: local ABC news (May 6, 2013)

<http://www.news10.net/news/article/243321/339/ASMR-The-sound-that-massages-your-brain>

ScienceDaily (December 5, 2012)

<http://www.sciencedaily.com/releases/2012/12/121205121143.htm>

## PROFESSIONAL REVIEWER AND EDITOR ACTIVITY

- 07/23            Peer Reviewer  
 Course NTRS 5110: Research Concepts and Methodology in Nutritional Science  
 Quality Matter (Quality Assurance Certification for Online Learning)
- 05/22            Ad Hoc Grant Reviewer  
 Division of Integrative Organismal Systems (BIO/IOS)  
 National Science Foundation
- 05/22            Peer Reviewer  
 Course ENGR 124: Thermodynamics  
 Quality Matter (Quality Assurance Certification for Online Learning)
- 02/22            Subject Matter Expert Reviewer  
 Peer Reviewer  
 Course CAS 312: Human Growth and Development  
 Quality Matter (Quality Assurance Certification for Online Learning)
- 2022 - present    Guest Co-Editor (Co-Editors: Travis Todd, Karyn Frick, & Christian Bravo-Rivera)  
 Special Issue: Hippocampal-cortical contributions to learning and memory.  
 Frontiers in Behavioral Neuroscience
- 2020 - 2021      Guest Co-Editor (Co-Editor: Timothy Allen)  
 Special Issue: Extrahippocampal contributions to hippocampal-dependent behavior.  
 Hippocampus
- Fall 2019        Grant Reviewer  
 Division of Integrative Organismal Systems (BIO/IOS)  
 National Science Foundation

- 2014 - present    Journal Reviewer, Ad Hoc  
Animal Cognition, Neuroscience, Behavioral Neuroscience, Neurobiology of Learning & Memory, Journal of Visualized Experiments (JoVE), PLOS ONE, Neuroscience, Learning & Memory, Physiology & Behavior, Brain and Behavior, Scientific Reports, NeuroImage: Clinical
- Fall 2013         Grant Reviewer, Full Modulation Panel  
Division of Integrative Organismal Systems (BIO/IOS)  
National Science Foundation
- 04/13             Textbook Reviewer  
Biological Psychology  
Oxford University Press
- 09/10             Grant Reviewer  
Neuroscience and Mental Health  
The Wellcome Trust

### PROFESSIONAL MEMBERSHIPS

American Association of University Women, Black In Neuro, Faculty for Undergraduate Neuroscience, International Behavioral Neuroscience Society, Pavlovian Society, Society for Neuroscience, Western Psychological Association, Yale Alumni Association

### DIRECTED RESEARCH

Undergraduate Students, California State University Sacramento (\*, notes McNair Scholar)

- \*Isabella Valencia, Undergraduate Student (Fall 2023 - present)
- \*Sicilia Oseguera, Undergraduate Student (Fall 2023 - present)
- Jocelyn Gomez, Undergraduate Student (Fall 2023 - present)
- Jenna Hunter, Undergraduate Student (Fall 2023 - present)
- Freddy Leon Blanco, Undergraduate Student (Fall 2023 - present)
- Jose Martinez, Undergraduate Student (Fall 2022 - Spring 2023, B.A., Psychology, Spring 2023)
- Zackary Zanolli, Undergraduate Student (Spring 2022 - Spring 2023, B.A., Psychology, Spring 2023)
- Aaliyah Porter, Undergraduate Student (Spring 2022 - present)
- Phoebe Nguyen, Undergraduate Student (Spring 2022 - Spring 2023, B.A., Psychology, Spring 2023)
- \*Zachary Oakland, Undergraduate Student (Spring 2022 - Spring 2023, B.A., Psychology, Spring 2023)
- Zaib Shahzada, Undergraduate Student (Fall 2021 - Spring 2023, B.A., Psychology, Spring 2023)
- Luiza Rocha, Undergraduate International Student (Fall 2021 - Spring 2023, B.A., Psychology, Spring 2023)
- Eugene Duka, Undergraduate Student (Fall 2021 - present)
- Sarah Berney, Undergraduate Student (Fall 2021 - Spring 2022, B.S. Biological Sciences, Spring 2022)
- Yelitza Andrade, Undergraduate Student (Fall 2021 - Spring 2022, B.A. Psychology, Spring 2022)
- Mark Zambon, Undergraduate Student (Fall 2021, B.A. Psychology, Spring 2022)
- \*Rani Purewal, Undergraduate Student (Fall 2019 – Fall 2021, B.A. Psychology, Fall 2021)
- Polina Demyanchuk, Undergraduate International Student (Fall 2019 - Spring 2023, B.A., Biology & Psychology, Spring 2023)
- Dana Cristensen, Undergraduate Student (Fall 2019 - Fall 2020, B.A. Psychology, Fall 2020)
- \*Kevin Grisales, Undergraduate Student (Spring 2019 - Fall 2019, B.A. Psychology, Fall 2019)
- Kristen Madigan, Undergraduate Student (Spring 2019 - Spring 2020, B.A. Psychology, Spring 2020)
- Tanis Williams, Undergraduate Student (Spring 2019 - Fall 2019, B.A. Psychology, Fall 2019)
- Stephanie Times, Undergraduate Student (Fall 2018 - Spring 2019, B.A. Psychology, Spring 2019)

Kauron Williams, Undergraduate Student (Spring 2018 - Spring 2019)  
 Diego Gonzalez, Undergraduate Student (Spring 2018 - Fall 2020, B.A. Psychology, Fall 2020)  
 \*Nou Vang, Undergraduate Student (Spring 2018 - Spring 2021, B.A. Psychology & Biology, Spring 2020)  
 Adam Crandall, Undergraduate Student (Fall 2017 - Spring 2019, B.A. Psychology, Spring 2019)  
 Stephen Sparling, Undergraduate Student (Fall 2017 - Fall 2018, B.A. Psychology, Fall 2018)  
 David Likhtar, Undergraduate Student (Fall 2017)  
 Rebecca Neal, Undergraduate Student (Fall 2016 - Fall 2017, B.A. Psychology, Fall 2017)  
 Jen Viscidy, Undergraduate Student (Fall 2016 - Fall 2017, B.A. Psychology, Fall 2017)  
 Brittany Dugger, Undergraduate Student (Fall 2016 - Spring 2018, B.A. Psychology, Spring 2017)  
 Kayla Poujade, Undergraduate Student (Spring 2016 - Fall 2017, B.A. Psychology, Fall 2017)  
 Chelsea Crowe, Undergraduate Student (Spring 2016 - Spring 2018, B.A. Psychology, Spring 2018)  
 Ashneek Nanua, Undergraduate Student (Spring 2015 - Fall 2016, B.A. Psychology, Spring 2017)  
 Trevor Bradley, Undergraduate Student (Spring 2016 - Spring 2017, B.A. Psychology, Spring 2017)  
 Tylor Lord, Undergraduate Student (Spring 2015 - Fall 2016, B.A., Psychology, Fall 2016)  
 Matt Thurston, Undergraduate Student (Fall 2014 - Fall 2016, B.S., Special Major: Neuroscience, Fall 2016)  
 Nicole Potter, Undergraduate Student (Spring 2014 - Fall 2015; B.A. Psychology, Fall 2015)  
 Elizabeth Alexander, Undergraduate Student (Fall 2014 - Spring 2015; B.A. Psychology, Spring 2015)  
 Maria Salmeron, Undergraduate Student (Spring 2014 - Fall 2014; B.A. Psychology, Spring 2015)  
 Angela Sardo, Undergraduate Student (Spring 2014 - Spring 2015; B.A. Psychology, Spring 2015)  
 Aaron Beckner, Undergraduate Student (Fall 2013 - Spring 2015; B.A. Psychology, Spring 2015)  
 Ebony Hudson, Undergraduate Student (Fall 2013 - Fall 2014; B.A. Psychology, Spring 2015)  
 Ellison Crabtree, Undergraduate Student (Fall 2013 - Spring 2014; B.A. Psychology, Spring 2014)  
 Sadie St. Lawrence, Undergraduate Student (Fall 2013 - Spring 2014; B.A. Psychology, Spring 2014)  
 John Mootz, Undergraduate Student (Spring 2013 - Spring 2014; B.A. Psychology, Spring 2014)  
 Sydney Ruiz, Undergraduate Student (Spring 2013 - Fall 2013; B.A. Psychology, Spring 2014)  
 \*Juliana Matveyeva, Undergraduate Student (Spring 2013; B.A., Psychology, Spring 2013)  
 Jasminka Rainey, Undergraduate Student (Fall 2012 - Spring 2013; B.A. Psychology, Spring 2013)

#### Graduate Students, California State University Sacramento

Zaib Shahzada, Graduate Student (Fall 2023 - present)  
 Luiza Rocha, Graduate Student (Fall 2023 - present)  
 Justine Lamb, Graduate Student (Fall 2021 - Spring 2023, M.A., Psychology)  
 Taylor Cirksena, Graduate Student (Fall 2019 - Spring 2021, M.A., Psychology)  
 Chelsea Crowe, Graduate Student (Fall 2018 - Fall 2019)  
 Trevor Bartley, Graduate Student (Fall 2017 - December 2019, M.A., Psychology)  
 Nicole Potter, Graduate Student (Fall 2016 - Spring 2019, M.A., Psychology)  
 Ashley Schnider, Graduate Student (Fall 2015 - Summer 2018, M.A., Psychology)  
 Catrina Calub, Graduate Student (Fall 2013 - Summer 2015, Sally Casanova Fellow; M.A. Psychology)

### **INSTITUTIONAL SERVICE**

#### Departmental Committee Membership – Department of Psychology

02/23 - present Member, Personnel Committee, Department of Psychology

02/23 - present Member, Diversity, Equity, & Inclusion Committee, Department of Psychology

07/22 - 01/23 Interim Chair, Department of Psychology  
 09/20 - present Vice Chair, Department of Psychology (*leave taken while Interim Chair*)  
 09/20 - 05/21 Member, Graduate Program Committee, Department of Psychology  
 05/19 - 02/20 Chair, Psychology of Happiness Faculty Screening Hiring Committee  
 09/19 - 12/19 Member, Retention, Tenure and Promotion Committee  
 09/18 - 05/20 Senator, Representative for Department on Faculty Senate  
 09/18 - 05/21 Chair, General Psychology Master Program Graduate Committee  
 09/16 - 05/22 Member, General Psychology Master Program Graduate Committee  
 05/16 - 01/17 Member, Quantitative Psychology Faculty Search Hiring Committee  
 09/15 - 05/17 Member, Planning Committee for the Western Psychology Association Conference  
 09/14 - 05/16 Website Coordinator for the Department of Psychology  
 09/12 - 05/16 Member, Curriculum Committee (Interim Chair Spring 2016)  
 09/12 - present Member, Animal Care and Use Committee  
 09/12 - 05/14 Member, Development, Scholarship and Website Committee

#### College Committee Membership – College of Social Sciences & Interdisciplinary Studies

09/19 - 05/21 Member, Faculty Council to the Dean  
 09/17 - 05/18 Chair, Curriculum Committee  
 09/13 - 05/18 Member, Curriculum Committee (Interim Chair Spring 2016)  
 09/12 - 05/16 Member, Information Technology Advisory Committee

#### University Committee Membership – California State University Sacramento

09/23 - present Member, Academic Affairs Strategic Planning and Budget Advisory Committee, Faculty Senate  
 09/23 - present Member, Curriculum Policies Committee, Faculty Senate  
 09/21 - 05/23 Member, Academic Program Review Committee, Faculty Senate  
 11/20 - 02/21 Chair, Research Misconduct Investigation Committee, Office of Research, Innovation, and Economic Development  
 09/20 - 05/21 Member, Holistic Graduate Admissions Workgroup, Office of Graduate Studies  
 08/20 Panelist, New Faculty Orientation Research Panel, Office of Faculty Affairs  
 05/20 - 07/20 Member, Restarting Research Advisory Committee for the CSUS Campus, Office of Research, Innovation, and Economic Development  
 09/19 Ad Hoc Member, Faculty Endowment for Student Scholarships Committee, Faculty Senate  
 09/17 - 05/18 Member, Learning Management System Review Committee, Information Resources & Technology  
 09/17 - 05/18 Vice Chair, University Curriculum Subcommittee, Faculty Senate  
 09/16 - 05/18 Member, University Curriculum Subcommittee, Faculty Senate  
 09/15 - 05/18 Member, Faculty Endowment for Student Scholarships Committee, Faculty Senate  
 09/15 - 05/18 Member, Writing & Reading Subcommittee, Faculty Senate  
 09/15 - 05/16 Member, National College Health Assessment Planning Committee, Student Health & Counseling Services  
 05/14 Reviewer, Provost Summer Incentive Program, Office of Research Administration

#### System Level Service – California State University

02/21 - 05/21 Reviewer, CSUPERB Seed Grant Proposals

- 01/21 Panelist, Analytics Certificate Alumni Panel, Student Success Analytics Certificate Program, Office of the Chancellor
- 11/20 - present Attendee, CSU Behavioral Neuroscience Seminar, Organized by Dr. Arturo Zavala from California State University Long Beach
- 08/20 Interviewee, Publicly Facing Report on the CSU Student Success Dashboard, Office of the Chancellor
- 05/18 Session Moderator, 32nd annual CSU Student Research Competition, Biological and Agricultural Sciences. Graduate Student Session. California State University Sacramento.

### **COMMUNITY SERVICE – LOCAL, NATIONAL AND INTERNATIONAL**

- 2023 Leader, Content Workshop: Brains and Facts and Feelings, oh my!  
Expanding Your Horizon (Women in STEM)  
California State University, Sacramento  
Sacramento, CA
- 09/23 - present Member, Committee on Animals in Research  
\*Committee mission to protect and advance responsible use of animals in biomedical research  
Society for Neuroscience
- 06/23 Speaker, Meet the Professionals (mentoring event)  
International Behavioral Neuroscience Society  
Niagara Falls, Ontario, Candara
- 09/22 - present Member, Education & Training Committee  
\*Committee mission to promote diversity in neuroscience through travel support  
International Behavioral Neuroscience Society
- 2019 Leader, Content Workshop: Brains and Facts and Feelings, oh my!  
Expanding Your Horizon (Women in STEM)  
California State University, Sacramento  
Sacramento, CA
- 09/16 - 05/17 Faculty Advisor  
American Association for University Women (AAUW)  
Sacramento State Student Chapter  
Sacramento, CA
- 10/15 & 10/16 Invited Speaker: Happiness and Your Brain  
Renaissance Society  
California State University, Sacramento  
Sacramento, CA
- 2015 - 2018 Participant, Career Demo Booth  
Expanding Your Horizon (Women in STEM)  
California State University, Sacramento  
Sacramento, CA
- 03/15 Judge, Science Fair  
West Campus High School  
Sacramento, CA
- 07/14 Speaker, Graduate Application Workshop  
University of California - Davis  
Davis, CA

- 04/14 - 05/16 Secretary & Board Member  
American Association for University Women (AAUW)  
Davis Branch  
Davis, CA
- 04/14 - 05/16 Davis Representative  
American Association for University Women (AAUW)  
Interbranch Council  
Davis, CA
- 03/14 Speaker, Career Night  
Department of Statistics, University of California - Davis  
Davis, CA
- 09/12 - 1/14 Board Member  
Sacramento Advocates for Girl Empowerment (SAGE)  
Sacramento, CA
- 07/13 Volunteer Dorm Mom  
TechTrek (Science Camp for Young Girls)  
University of California-Davis  
Davis, CA
- 11/12 Invited Speaker: Life Challenges in Lower Income & Single Parent Families  
Young Men's Workshop  
Natomas, CA
- 09/12 Invited Speaker: Basic Life Skills: Understanding Finances  
Lights of Tomorrow  
Natomas, CA