

**Elizabeth Reynolds Losin**

*Curriculum Vitae*

September 2023

Department of Biobehavioral Health  
The Pennsylvania State University  
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**ACADEMIC POSITIONS**

***Bennett Pierce Associate Professor of Caring & Compassion in Adulthood and Aging  
(March 2023-Present)***

***Director, Social and Cultural Neuroscience Lab***

The Pennsylvania State University  
Department of Biobehavioral Health

***Assistant Professor (January 2015-February 2023)***

***Director, Social and Cultural Neuroscience Lab***

University of Miami  
Department of Psychology

***Postdoctoral Associate (Fall 2012-Fall 2014)***

University of Colorado at Boulder  
Institute of Cognitive Science & Department of Psychology and Neuroscience  
Advisor: Tor Wager, Ph.D.  
Research Focus: Sociocultural influences on pain, multivariate fMRI analysis

***Postbaccalaureate Research Associate (2005-2006)***

University of California, Davis  
Center for Mind and Brain  
Supervisors: Dr. Susan Rivera & Dr. Joseph Pinter  
Research Focus: Neural correlates of language deficits in Down syndrome

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**EDUCATION**

***Doctorate (2006-2012)***

University of California, Los Angeles  
Interdepartmental Neuroscience Program & Culture, Brain and Development Program  
*Dissertation:* Exploring the Neural Architecture of Cultural Imitative Learning  
*Committee:* Mirella Dapretto, Ph.D. (Chair); Marco Iacoboni M.D., Ph.D.; Naomi Eisenberger, Ph.D.; Clark Barrett, Ph.D.  
*Funding:* National Science Foundation Graduate Research Fellowship, Culture Brain and Development Traineeship, Neuroimaging Training Program NIH Institutional NRSA (T32), UCLA Dissertation Year Fellowship

***Bachelor's with Highest Honors (2001-2005)***

Emory University

*Majors:* Neuroscience and Behavioral Biology, Anthropology

*Honors Thesis:* Oro-facial Asymmetry of Voluntary and Involuntary Vocal Signals in Captive Chimpanzees (*Pan troglodytes*)

*Advisors:* William Hopkins, Ph.D.; Frans de Waal, Ph.D.; Joseph Henrich, Ph.D.

*Funding:* Robert W. Woodruff Scholarship

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## PEER-REVIEWED PUBLICATIONS

Dr. Losin and her students are in **bold**

1. Kim, J., Andrews-Hanna, J., Eisenbarth, H., Kim, B., Kim, H. J., Lindquist, M. A., **Losin, E. A. R.**, Wager, T. D., Woo, C-W. (2023). A dorsomedial prefrontal cortex-based dynamic functional connectivity marker for rumination. *Nature Communications* **14**, 3540 (2023). <https://doi.org/10.1038/s41467-023-39142-9>
2. **Anderson, S.R., Gianola, M., Medina, N.A., Perry, J.M.,** Wager, T.D., **Losin, E. A. R.** (2022). Doctor trustworthiness reduces pain and its neural correlates in virtual medical interactions. *Cerebral Cortex*. <https://doi.org/10.1093/cercor/bhac281>
3. Petre, B., Kragel, P., Atlas, L. Y., Geuter, S., Jempa, M., Koban, L., Krishnan, A., Lopez-Sola, M., **Losin, E.A.R.**, Roy, M., Woo, C-W. & Wager, T.D. (2022). A multistudy analysis reveals that evoked pain intensity representation is distributed across brain systems. *PLoS Biology*. 2;20(5):e3001620. doi: 10.1371/journal.pbio.3001620.
4. **Anderson, S. R.**, Han, S., Li, W., **Losin, E. A. R.** (2021) Expressive suppression decreases empathic neural responses to pain. *Cognitive Affective and Behavioral Neuroscience*. <https://doi.org/10.3758/s13415-021-00873-1>
5. **Zhang, L, Losin, E. A. R.,** Ashar, Y. K., Koban, L., Wager, T. D. (2021). Gender biases in estimation of others' pain. *Journal of Pain*. <https://doi.org/10.1016/j.jpain.2021.03.001>
6. **Anderson, S. R.**, Witkin, J. E., Bolt, T., Llabre, M., **Losin, E. A. R.** (2021). Delineating region and network-level mechanisms underlying the relationship between everyday pain and cognitive performance. *Neuropsychologia*. <https://doi.org/10.1016/j.neuropsychologia.2021.107766>
7. Han, X., Atlas, L Y., Koban, L., **Losin, E. A. R.**, Roy, M., Woo, C-W, Wager, T. D. (2021) Effect size and reliability of the Neurologic Pain Signature. *Neuroimage*. <https://doi.org/10.1016/j.neuroimage.2021.118844>
8. Singh, A. Westlin, C., Eisenbarth, H., **Losin, E. A. R.**, Andrews-Hanna, J. R., Wager, T. D., Satpute, A. B, Barrett, L. F. Brooks, D., Erdogmus, D. (2021). Variation is the norm: Brain state dynamics evoked by emotional video clips. *Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society*. DOI: 10.1109/EMBC46164.2021.9630852
9. Andrews-Hannah, J. R., Woo, C-W, Wilcox, R., Eisenbarth, H., **Losin, E. A. R.**, Wager, T. D. (2021). The conceptual building blocks of everyday thought: Tracking the emergence and dynamics of ruminative and non-ruminative thinking. *Journal of Experimental Psychology: General*. <https://doi.org/10.1037/xge0001096>
10. **Gianola, M., Llabre, M., Yepes, B., Losin, E. A. R.** (2020) Effects of Language Context and Cultural Identity on the Pain Experience of Spanish-English Bilinguals: A Within-Subjects Design. *Affective Science*. <https://doi.org/10.1007/s42761-020-00021-x>

11. **Gianola, M., Yepes, B., Losin, E. A. R.** (2020). Characterization of Cultural Priming Images for the Activation of Hispanic and US American Cultural Reference Frames among Spanish-English Bilinguals in the United States. *Social Psychology*. 0(0), 1-18. <https://doi.org/10.1027/1864-9335/a000426>
12. **Anderson, S. R., Gianola, M., Perry, J. M., Medina, N. A., Losin, E. A. R.** (2020) Doctor-patient racial/ethnic concordance predicts pain: Evidence from simulated clinical interactions. *Pain Medicine*. pnaa258, 00(00), 1-17. <https://doi.org/10.1093/pm/pnaa258>
13. Goldstein, P., **Losin, E. A. R.**, Wager, T. D. (2020) Clinician-patient movement synchrony mediates social group effects on pain assessment and trust. *Journal of Pain*. 00(00), 1-15. <https://doi.org/10.1016/j.jpain.2020.03.001>
14. Geuter, S., **Losin, E. A. R.**, Roy, M., Atlas, L. Y., Schmidt, L., Krishnan, A., Koban, L., Wager, T. D., Lindquist, M. A. (2020). Multiple brain networks mediating stimulus-pain relationships in humans. *Cerebral Cortex*. <https://doi.org/10.1093/cercor/bhaa04>.
15. Bainter, S. A., McCaulley, T. G., Wager, T. D., **Losin, E. A. R.** (2020). Improving practices for selecting a subset of important predictors in psychology: An application to predicting pain. *Advances in Methods and Practices in Psychological Science*. <https://doi.org/10.1177/2515245919885617>
16. **Losin, E. A. R.**, Woo, Chong-Wan, **Medina, N.A.**, Eisenbarth, H., Andrews-Hannah, J., Wager, T. D. (2020). Psychological and neural mediators of ethnic differences in pain. *Nature Human Behaviour*. <https://doi.org/10.1038/s41562-020-0819-8>.
17. Kragel, P. A., Kano M., Van Oudenhove, L., Ly, H. G., Dupont, P., Rubio, A, Delon-Martin, C., Bonaz, B. L., Manuck, S. B., Gianaros, P. J., Ceko, M., **Losin, E. A. R.**, Woo, C. W., Nichols, T., Wager, T. D. (2018). Generalizable representations of pain, cognitive control, and negative emotion in medial frontal cortex. *Nature Neuroscience*. <https://doi.org/10.1038/s41593-017-0051-7>.
18. **Billingsley, J., Losin, E. A. R.** (2017). Evolutionary psychology and the neuroscience of forgiveness. *Frontiers in Psychology*. <https://doi.org/10.3389/fpsyg.2017.00737>
19. **Losin, E. A. R.**, Anderson, S. R., Wager, T. D. (2017). Feelings of clinician-patient similarity and trust influence pain: Evidence from simulated clinical interactions. *Journal of Pain*. <https://doi.org/10.1016/j.jpain.2017.02.428>
20. **Losin, E. A. R.** (2017). Culture, brain and health: Introduction to the special issue. *Culture and Brain*. <https://doi.org/10.1007/s40167-017-0049-8>
21. **Anderson, S. R., Losin, E. A. R.** (2016). A socio-cultural neuroscience approach to pain. *Culture and Brain*. <https://doi.org/10.1007/s40167-016-0037-4>.
22. Lindquist, M. A., Lopez-Sola, M., Krishnan, A., Jepma, M., Woo, C. W., Roy, M., Atlas, L., Chang, L. J., **Losin, E. A. R.**, Eisenbarth, H., Ashar, Y. K., Koban, L., Delk, E., Wager, T. D. (2015). Group-regularized individual prediction: Theory and application to pain. *NeuroImage*. <https://doi.org/10.1016/j.neuroimage.2015.10.074>
23. **Losin, E. A. R.**, Woo, C. W., Krishnan, A., Wager, T. D., Iacoboni, M., Dapretto, M. (2015). Brain and psychological mediators of imitation: Physical versus sociocultural traits. *Culture and Brain*. 3: 93-111. <https://doi.org/10.1007/s40167-015-0029-9>

24. Cross, K. A., Torrisi, S., **Losin, E. A. R.**, Iacoboni, M. (2013). Controlling automatic imitative tendencies: Interactions between cognitive control and mirror neuron systems. *Neuroimage*, 83: 493-504. <https://doi.org/10.1016/j.neuroimage.2013.06.060>.
25. **Losin, E. A. R.**, Iacoboni, M., Cross, K., Dapretto, M. (2013). Neural processing of race during imitation: Self-similarity versus social status. *Human Brain Mapping*. <https://doi.org/10.1002/hbm.22287>
26. **Losin, E. A. R.**, Iacoboni, M., Martin, A., Dapretto, M. (2012a). Own-gender imitation activates the brain's reward circuitry. *Social Cognitive and Affective Neuroscience*, 7, 804-810. <https://doi.org/10.1093/scan/nsr055>
27. **Losin, E. A. R.**, Iacoboni, M., Martin, A., Dapretto, M. (2012b). Race modulates neural activity during imitation. *NeuroImage*, 59, 3594-3603. <https://doi.org/10.1016/j.neuroimage.2011.10.074>
28. **Losin, E. A. R.**, Dapretto, M., Iacoboni, M. (2010). Culture and neuroscience: Additive or synergistic? *Social Cognitive and Affective Neuroscience*, 5, 148-158. <https://doi.org/10.1093/scan/nsp058>
29. **Losin, E. A. R.**, Dapretto, M., Iacoboni, M. (2009). Culture in the mind's mirror: How anthropology and neuroscience can inform a model of the neural substrate for cultural imitative learning. *Progress in Brain Research*, 178, 175-90. [https://doi.org/10.1016/S0079-6123\(09\)17812-3](https://doi.org/10.1016/S0079-6123(09)17812-3)
30. **Losin, E. A. R.**, Rivera, S. M., O'Hare E. D., Sowell, E. R., Pinter, J. D. (2009) Abnormal fMRI activation pattern during story listening in individuals with Down syndrome. *American Journal of Intellectual and Developmental Disability*, 114(5), 369-80. <https://doi.org/10.1352/1944-7558-114.5.369>
31. **Losin, E. A. R.**, Russell J. L., Freeman H., Meguerditchian A., Hopkins W. D. (2008). Left hemisphere specialization for oro-facial movements of learned vocal signals by captive chimpanzees. *PLoS ONE*, 3(6): e2529. <https://doi.org/10.1371/journal.pone.0002529>
32. Hopkins, W. D., Russell, J. L., Freeman, H., **Reynolds, E. A.**, Griffis, C., Leavens, D. A. (2006). Lateralized scratching in chimpanzees (*Pan troglodytes*): Evidence of a functional asymmetry during arousal. *Emotion*, 6(4), 553-9. <https://doi.org/10.1037/1528-3542.6.4.553>
33. Hopkins, W. D., Russell, J., Freeman, H., Buehler, N., **Reynolds, E.**, Schapiro, S. (2005). The distribution and development of handedness for manual gestures in captive chimpanzees (*Pan troglodytes*). *Psychological Science*, 16(6), 487-493. <https://doi.org/10.1111/j.0956-7976.2005.01561.x>

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#### BOOK CHAPTERS

**Gianola, M., Losin, E. A. R.** (2021) The cultural neuroscience of imitative learning. In Chiao, J. Y., & Li, S.-C, Turner, R., Lee-Tauler, Su Yeon. Pringle, B. (Eds.), *Oxford Handbook of Cultural Neuroscience and Global Mental Health*. Oxford University Press. DOI: 10.1093/oxfordhb/9780190057695.013.17

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#### MANUSCRIPTS UNDER REVIEW AND IN REVISION

1. Kapos, F. Ashton-James, C., Hirsh, A. T., Craig, K., Karos, K., McPharland, J., Moor, D. Keogh, E., Bernardes, A., **Losin, E. A. R., Anderson, S. R.**, Tracy, L. (Submitted). A multilevel model of the social aspects of pain.
  2. Terry, E. L., Peoples, J., Tanner, J. J., Domenico, L. H., Gonzales, C. E., Mickle, A. M., Cardoso, J. S., Lopez-Quintero, C., **Losin, E. A. R.**, Addison, A., Goodin, B. R., Sibille, K. T., Fillingim, R. B. (Under Review) Is neighborhood-level disadvantage associated with knee osteoarthritis-related pain, disability, and functional impairment above self-reported sociodemographic factors? *Journal of Clinical Pain*.
  3. **Gianola, M.**, Llabre, M., **Losin, E. A. R.** (In Revision) Language Dominance and Cultural Identity Predict Variation in Self-Reported Personality in English and Spanish among Hispanic/Latino Bilingual Adults.
  4. **Gianola, M.**, Llabre, M., **Losin, E. A. R.** (In Preparation). Idiomatics: Assessing the Neurobiological Relationships between Language Processing, Cultural Contexts, and Pain Among Spanish-English Bilingual Adults.
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#### MANUSCRIPTS IN PREPARATION

1. **Gim, S., Amini, M.**, Woo, C-W, Wager, T. D., **Losin, E. A. R.** (In Preparation). Neural and sociocultural mediators of gender differences in pain.
  2. **Gim, S.**, Hong, S-J, **Losin, E. A. R.**, Woo, C-W. (In Preparation) Temporal dynamics of brain mediation for integrating prediction into pain perception.
  3. **Losin, E. A. R., Snider, M., Perry, J. M.** (In Preparation) Development and validation of a new video stimulus set for studying demographic biases in pain assessment and treatment.
  4. **Losin, E. A. R., Varoudaki, T. Z., Medina, N. A.** (In Preparation). Perceptions of facial competence, warmth, and trustworthiness predict clinician preference.
  5. **Losin, E. A. R.\***, Bainter, S. A.\*, Wager, T. D. (In Preparation). A multivariate model of behavioral and neural predictors of pain.
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#### SCIENTIFIC MEETING TALKS

- Losin, E. A. R.** (2023) *The doctor-patient relationship and pain disparities: Sociocultural and neural mechanisms*. Talk given at the annual meeting of the US Association for the Study of Pain meeting.
- Losin, E. A. R.**, Varoudaki, T. Z. (2022) *Sociocultural mechanisms underlying disparities in pain assessment and treatment during telemedicine*. Talk given at the 17<sup>th</sup> Annual NIH Pain Consortium Symposium.
- Losin, E. A. R.** (2021) *The cultural neuroscience of pain*. Talk given at monthly Veterans Health Administration Pain Research Working Group.
- Losin, E. A. R.** (2021) *The cultural neuroscience of pain*. Talk given at the International Association for the Study of Pain, Pain Research Forum.
- Losin, E. A. R.** (2021) *Neuroimaging sociocultural modulation of pain*. Talk given at the annual meeting of the Florida Consortium on the Neurobiology of Cognition.

- Losin, E. A. R.** (2021) *The doctor-patient relationship and pain: Sociocultural and neural mechanisms*. Talk given at the annual meeting of the Society for Interdisciplinary Placebo Studies.
- Losin, E. A. R.**, Wager T. D. (2020) *Neural and sociocultural mediators of ethnic differences in pain*. Talk given at the Targeting Neuroinflammation to Combat Pathological Pain in Neurodegenerative Diseases and Chronic Pain Syndromes meeting.
- Losin, E. A. R.** (2020) *The cultural neuroscience of pain*. Talk given at the annual meeting of the International Cultural Neuroscience Society.
- Losin, E. A. R.**, Anderson, S. R., Wager, T. D., Gianola, M., Medina, N. A., Perry, J. M. (2020) *Doctor Trustworthiness reduces pain and its neural correlates in virtual medical interactions*. Talk given at annual meeting of the Organization of Human Brain Mapping.
- Anderson, S. R., Losin, E. A. R., Wager, T. D., Gianola, M., Medina, N. A., Perry, J. M.** (2020/2021) *Doctor Trustworthiness reduces pain and its neural correlates in virtual medical interactions*. Talk to have been given at 2020 annual meeting of the Social and Affective Neuroscience Society, postponed due to COVID-19 pandemic and given in 2021.
- Losin, E. A. R.**, Woo, Chong-Wan, **Medina, N.A., Anderson, S. R., Snider, M., Wager, T. D.** (2019). *Sociocultural and neural mechanisms of ethnic disparities in pain and pain treatment*. Talk given at the annual meeting of the American Pain Society, Milwaukee, WI.
- Bainter, S. A., McCauley, M. A., **Losin, E. A. R.** (2018). *Bayesian variable selection to identify important predictors*. Talk given at the annual meeting of the Association for Psychological Science, San Francisco, CA.
- Bainter, S. A., McCauley, M. A., & **Losin, E. A. R.** (2018). *Identifying Relevant Predictors in Messy Psychological Data*. Paper presented at the annual meeting of the Psychometric Society, New York, NY.
- Losin, E. A. R., Medina, N. A., Anderson, S. R., Wager, T. D.** (2016). *A sociocultural neuroscience approach to understanding ethnic differences in pain report*. Invited talk given at the meeting of Society for Experimental Social Psychology, Los Angeles, CA.
- Losin, E. A. R., Medina, N. A., Eisenbarth, H., Andrews-Hannah, J., Delk, E., Wager, T. D.** (2016). *Psychological and neural mechanisms underlying ethnic differences in pain report*. Talk given at the meeting of Social and Affective Neuroscience, New York, NY.
- Losin, E. A. R.** (2016). *Sociocultural influences on pain perception: A cultural neuroscience approach*. Talk given at Pomona Translational Cultural Neuroscience meeting, Claremont, CA.
- Losin, E. A. R.** Krishnan, A., Dapretto, M., Iacoboni, M., Wager, T. D. (2014). *A neuroimaging approach to understanding the contributions of multiple social categories to cultural learning biases*. Talk given at meeting of International Cultural Neuroscience, Ann Arbor, MI.
- Losin, E. A. R.**, Iacoboni, M., Dapretto, M. (2013). *Mapping the neural mechanisms of cultural acquisition: Insights into cultural development*. Talk given at meeting of Jean Piaget Society, Chicago, IL.

- Losin, E. A. R.,** Iacoboni, M., Dapretto, M. (2013). *Elucidating the neural mechanisms of cultural learning biases*. Talk given at meeting of International Cultural Neuroscience Consortium meeting, Evanston, IL.
- Losin, E. A. R.,** Iacoboni, M., Dapretto, M. (2012). *Race-related amygdala activity exhibits an ingroup bias during passive face viewing*. Talk given at meeting of Social and Affective Neuroscience, New York, NY.
- Losin, E. A. R.,** Iacoboni, M., Dapretto, M. (2011). *Action alters perception: how imitation alters the neural encoding of race*. Talk given at meeting of Society for Neuroscience meeting, Washington, D. C.
- Losin, E. A. R.,** Iacoboni, M., Dapretto, M. (2011). *Neural mechanisms of cultural learning: imitative biases for gender and race*. Talk given at meeting of University of Michigan Center for Culture, Mind, and Brain, Ann Arbor, MI.
- Losin, E. A. R.,** Iacoboni, M., Martin, A., Dapretto, M. (2010). *Answering the ‘other’ question in cultural neuroscience: Theory and data on how culture gets into the brain*. Talk given meeting of Social and Affective Neuroscience meeting, Chicago, IL.
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#### INVITED COLLOQUIA

- Losin, E. A. R.** (2023) *A neurobiological and sociocultural approach to understanding pain*. Invited talk given at the Penn State Neuroscience Institute’s annual Neuroscience Retreat.
- Losin, E. A. R.** (2023) *A neurobiological and sociocultural approach to understanding pain*. Invited talk given at Penn State’s Millenium Café talk series.
- Losin, E. A. R.** (2023) *The cultural neuroscience of pain*. Invited talk given at the Penn State Center for Brain, Behavior, and Cognition colloquium series.
- Losin, E. A. R.** (2022) *The sociocultural neuroscience of pain: Understanding the unequal burden of pain on women and Black American*. Invited talk given as part of the annual National Institutes of Health Stadtman Tenure-Track Investigators Search, National Institute on Minority Health and Health Disparities.
- Losin, E. A. R.** (2022) *The Cultural neuroscience of pain: Understanding pain disparities throughout the lifespan*. Invited job talk and chalk talk given as part of the annual National Institutes of Health Stadtman Tenure-Track Investigators Search, National Institute on Aging.
- Losin, E. A. R.** (2021). *The Cultural neuroscience of pain: How caring and compassion can reduce health disparities*. Invited talk given as part of the Penn State Bennett Pierce Professor in Caring and Compassion in Adulthood and Aging Faculty Search, University Park, PA.
- Losin, E. A. R.** (2021) *The Cultural Neuroscience of Pain: Understanding the Burden of Pain on Black Americans*. Invited talk given as part of the Rising to the Challenge Faculty Symposium, UCLA, Los Angeles, CA.
- Losin, E. A. R.** (2021) *The cultural neuroscience of pain*. Invited talk given at the Florida Atlantic University Neuroscience Seminar Series.
- Losin, E. A. R.** (2021) *The cultural neuroscience of pain*. Invited talk given at Bangor University Department of Psychology Colloquium Series.

- Losin, E. A. R.,** Wager T. D. (2020) *Neural and sociocultural mediators of ethnic differences in pain*. Invited talk given at the Virtual Neuro Journal Club, a partnership between McGill University, University of Toronto and the Karolinska Institutet.
- Losin, E. A. R.** *A sociocultural neuroscience approach to understanding ethnic differences in pain report*. (2017). Invited talk given at University of Florida Center for Pain Research and Behavioral Health, Gainesville, FL.
- Losin, E. A. R.** *A sociocultural neuroscience approach to understanding ethnic differences in pain report*. (2017). Invited talk given at University of California Los Angeles, Social and Affective Neuroscience Laboratory, Los Angeles, CA.
- Losin, E. A. R.** (2016). *Sociocultural influences on pain perception: A cultural neuroscience approach*. Invited talk given at University of South Florida Psychology Department Colloquium, Tampa, FL.
- Losin, E. A. R.** (2014). *Towards a culturally informed social neuroscience: Investigating interactions between culture, brain, and health*. Job talk given as a departmental colloquium at University of Nebraska, University of Michigan, and University of Miami.

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#### POSTERS PRESENTED AT SCIENTIFIC MEETINGS

- Varoudaki, T. Z., **Losin, E. A. R.** (2023) *Psychological and brain mechanisms underlying ethnic and racial disparities in pain treatment decisions*. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, Santa Barbara, CA.
- Khalilkhani, N., **Losin, E. A. R.** (2023) *Creating and validating and ethnically and racially diverse video stimulus set of evoked pain*. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, Santa Barbara, CA.
- Gianola, M., **Losin, E. A. R.** (2023) *Neurobiological predictors of differences in pain report across language contexts and cultural orientations of Spanish-English bilingual adults*. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, Santa Barbara, CA.
- Losin, E. A. R.,** Varoudaki, T. Z. (2023) *Psychological and brain mechanisms underlying ethnic and racial disparities in pain treatment decisions*. Poster presented at the annual meeting of the US Association for the Study of Pain, Durham, NC.
- Gianola, M. & **Losin, E. A. R.** (2022) *Neural mechanisms linking language context and pain processing among Spanish-English bilinguals*. Poster presented at the annual meeting of the Organization of Human Brain Mapping. Online and Glasgow, Scotland, UK.
- Gianola, M., & **Losin, E. A. R.** (2022) *Assessing the neurobiological relationships between language processing, cultural contexts, and pain perception among Spanish-English bilinguals*. Poster presented at the annual meeting of the Social and Affective Neuroscience Society. Online.
- Kim, J., Andrews-Hanna, J. A., Kim, B., Kim, H., **Losin, E. A. R.,** Eisenbarth, H., Wager, T. D., Woo, C-W. (2021) *A dynamic functional connectivity marker for rumination*. Poster presented at the annual meeting of the Organization of Human Brain Mapping.



- Losin, E.A.R.**, Anderson, S.R., Wager, T.D., Gianola, M., Medina, N.A., Perry, J.M. (2020) *Doctor trustworthiness reduces pain and its neural correlates in virtual medical interactions*. Poster presented at the annual meeting of the Organization of Human Brain Mapping.
- Han, X., Atlas, L. Y., Chang, L. J., Koban, L. **Losin, E. A. R.**, Roy, M., Woo, C-W., Wager, T. D. *Effect size and reliability of the Neurological Pain Signature*.(2020). Poster presented at the annual meeting of the Organization of Human Brain Mapping.
- Losin, E. A. R.**, Geuter, S., Wager, T.D. (2020/2021) *Neural mediators of sex differences in pain*. Poster to have been presented at 2020 annual meeting of the Social and Affective Neuroscience Society, postponed due to COVID-19 pandemic and given in 2021.
- Gianola, M., Losin, E. A. R.** (2020/2021). *Characterizing the Influences of Language and Cultural Identity on Pain Responses in Spanish-English Bilinguals*. Poster to have been presented at 2020 annual meeting of the Social and Affective Neuroscience Society, postponed due to COVID-19 pandemic and given in 2021.
- Anderson, S.R.**, Witkin, J. E., Bolt, T., Llabre, M. M., **Losin, E. A. R.** (2019). *Delineating brain region and network-level factors underlying the relationship between pain and cognitive performance*. Poster presented at annual meeting of the Organization for Human Brain Mapping, Rome, Italy.
- Gianola, M. D. M., Yepes, B., Losin, E. A. R.** (2019). *Selection and Characterization of Cultural Priming Stimuli for Activation of Hispanic and US-American Cultural Mindsets Among Spanish-English Bilinguals*. Poster Presented at annual meeting of the Association for Psychological Science, Washington, D.C.
- Losin, E. A. R.**, Bainter, S. A., Wager, T. D. (2019). A multivariate model of behavioral and neural predictors of pain. Poster presented at annual meeting of Social and Affective Neuroscience Society, Miami, FL.
- Goldstein, P. **Losin, E. A. R.**, Wager, T. D. (2019) *Synchrony in clinician-patient movement mediates placebo effect on perceived pain and trust*. Poster presented at annual meeting of Society in Placebo Studies, Leiden, the Netherlands.
- Witkin, J. E., **Anderson, S. R.**, Bolt, T., Llabre, M., **Losin, E. A. R.** (2019). *Neural and behavioral mechanisms underlying the relationship between everyday pain and cognitive performance*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Anderson, S.R., Gianola, M., Perry, J.M., & Losin, E. A. R.** (2019). *Doctor-patient racial/ethnic concordance predicts pain: Evidence from simulated clinical interactions*. Poster presented at the annual meeting of the American Pain Society, Milwaukee, WI.
- Losin, E.A.R.**, Woo, Chong-Wan, **Medina, N.A., Anderson, S. R., Snider, M.**, Wager, T. D. (2018). *Sociocultural and neural mechanisms of ethnic disparities in pain and pain treatment*. Poster presented at the International Association for the Study of Pain World Congress, in Boston, MA.
- Anderson, S. R.**, Li, W., Han, S., **Losin, E. A. R.** (2018). *Modulation or neural empathic response to pain via expressive suppression*. Poster presented at Social and Affective Neuroscience Meeting, Brooklyn, NY.
- Anderson, S. R.**, Li, W., Han, S., & **Losin, E. A. R.** (2018). Investigating the relationship between emotional suppression and pain empathy: The role of belief in the social

- appropriateness of outward pain expression. Poster session presented at the Mind & Life International Research Institute, Kyoto, Japan.
- Anderson, S. R., Li, W., Losin, E. A. R., Han, S.** (2018). *Expressive suppression to faces and IAPS pictures: Temporal aspects of common and differential neural networks*. Poster presented at Organization of Human Brain Mapping, Suntec City, Singapore.
- Cheong, J.H., Losin, E. A. R., Wager, T. D., Chang, L. J.** (2017). *Temporal dynamics in biomarkers of doctor empathy modulates patient pain responses in simulated clinical interactions*. Poster to be presented at meeting of Association for Psychological Science, Boston, MA.
- Losin, E.A.R., Anderson, S. R.** (2017). *A sociocultural neuroscience to pain*. Poster presented at meeting of Social and Affective Neuroscience meeting, Los Angeles, CA.
- Losin, E.A.R., Anderson, S. R.** (2016). *A sociocultural neuroscience to pain*. Poster presented at “Neuroscience of Pain: Early Life Adversity, Mechanisms and Treatment” meeting of American Psychosomatic Society, New York, NY.
- Losin, E. A. R., Medina, N. A., Eisenbarth, H., Andrews-Hannah, J., Wager, T. D.** (2016). *Neural correlates of sex differences in pain*. Poster presented at meeting of Organization of Human Brain Mapping, Geneva, Switzerland.
- Anderson, S. R., Losin, E. A. R., Chang, L. J., Powell, M., Wager, T.** (2016). *Feelings of doctor-patient similarity, trust, and liking predict pain report: Evidence from simulated clinical interactions*. Poster presented at meeting of American Pain Society meeting, Austin, TX.
- Geuter, S., Losin, E. A. R., Wager, T.D.** (2015). *Pain specific encoding of temporal dynamics of aversive stimuli in the ventral striatum*. Poster presented at meeting of Society for Neuroscience, Chicago, IL.
- Losin, E. A. R., Krishnan, A., Delk, E., Eisenbarth, H., Andrews-Hannah, J., Wager, T. D.** (2015). *Shared and unique neural signatures of physically and emotionally aversive experiences*. Poster presented at meeting of Organization of Human Brain Mapping, Honolulu, HI.
- Losin, E. A. R., Eisenbarth, H., Andrews-Hannah, J., Delk, E., Wager, T. D.** (2015). *Ethnic differences in neural responses to pain*. Poster presented at meeting of Social and Affective Neuroscience, Boston, MA.
- Losin, E. A. R., Woo, C. W., Krishnan, A., Water, T. D., Iacoboni, M., Dapretto, M.** (2015). *Brain and psychological mediators of imitation: Physical versus sociocultural traits*. Poster presented at meeting of Cognitive Neuroscience Society Meeting, San Francisco, CA.

- Losin, E. A. R.,** Chang, L. J., Wager, T. D. (2014). *Increased feelings of doctor-patient similarity predict reduce pain rating during simulated clinical interactions.* Poster presented at meeting of Cognitive Neuroscience Society Meeting, Boston, MA.
- Losin, E. A. R.,** Chang, L. J., Wager, T. D. (2014). *Increased feelings of doctor-patient similarity predict reduce pain rating during simulated clinical interactions.* Poster presented at meeting of Social and Affective Neuroscience, Denver, CO.
- Losin, E. A. R.,** Iacoboni, M., Dapretto, M. (2013). *Mapping the neural correlates of cultural imitative learning.* Poster presented at meeting of Social and Affective Neuroscience Meeting, San Fransisco, CA.
- Losin, E. A. R.,** Iacoboni, M., Dapretto, M. (2013). *In race erased? Knowledge of political ideology reduces influence of race on neural underpinnings of imitation.* Poster presented at meeting of Cognitive Neuroscience Society, Fransisco, CA.
- Losin, E. A. R.,** Iacoboni, M., Dapretto, M. (2013). *Both physical and non-physical similarity modulate neural activity during imitation: Effects of political ideology and race.* Poster presented at Society for Neuroscience, New Orleans, LA.
- Losin, E. A. R.,** Iacoboni, M., Dapretto, M. (2012). *Race modulates functional connectivity during imitation.* Poster presented at meeting of Organization of Human Brain Mapping, Beijing, China.
- Losin, E. A. R.,** Iacoboni, M., Dapretto, M. (2011). *Race modulates the neural underpinnings of imitation but self-similarity alone cannot explain differential activity.* Poster presented at meeting of Cognitive Neuroscience Society, San Francisco, CA.
- Losin, E. A. R.,** Iacoboni, M., Martin, A., Dapretto, M. (2010). *Own-gender imitation activates the brain's reward circuitry.* Poster presented at meeting of Society for Neuroscience, San Diego, CA.
- Losin, E. A. R.,** Iacoboni, M., Nguyen, K., Morton, D., Dapretto, M. (2010). *Racial attitudes influence the functional neuroanatomy of cultural imitative learning.* Poster presented at meeting of Organization of Human Brain Mapping, Barcelona, Spain.
- Losin, E. A. R.,** Iacoboni, M., Dapretto, M.. (2010). *Exploring the neural architecture of the similarity bias in cultural imitative learning.* Poster presented at meeting of Cognitive Neuroscience Society, Montreal, Canada.
- Losin, E. A. R.,** Dapretto, M., Iacoboni, M. (2009). *A novel paradigm for investigating the neural architecture of cultural imitative learning.* Poster presented at the Primate Mind Workshop, Erice, Sicily.
- Reynolds, E. A.,** Rivera, S. M., O'Hare, E. D., Sowell, E. R., Pinter, J. D. (2007). *Deficient temporal lobe activity during passive story listening in individuals with Down syndrome.* Poster presented at meeting of Society for Neuroscience, San Diego, CA.
- Reynolds, E. A.,** Pinter, J. D., Koldewyn, K., Le, L., Backer, K., Tang, M., Rivera, S. M. (2007). *Deficient intraparietal sulcus activity during number comparison in individuals with Down syndrome.* Poster presented at meeting of Cognitive Neuroscience Society meeting, New York, NY.

Rivera, S., Henry, M., Crone, E., **Reynolds, E.**, Herrera, A., Chen, I., van der Maas, H. Langer, J. (2006). *Neural basis of protracted developmental changes in proportional reasoning*. Poster presented at meeting of Cognitive Neuroscience Society, San Francisco, CA.

**Reynolds, E. A.**, Freeman, H, Russell, J. L., Hopkins, W. D. (2005). *Oro-facial asymmetry of voluntary and involuntary vocal signals in chimpanzees (*Pan troglodytes*)*. Poster presented at meeting of American Society of Primatologists, Portland, OR.

Freeman, H., Russell, J. L., Shonka, S., **Reynolds, E.**, Hopkins, W. D. (2005). *Self-recognition in chimpanzees (*Pan troglodytes*) using a small, LCD screen*. Poster presented at American Society of Primatologists, Portland, OR.

Russell, J. L., Freeman, H., **Reynolds, E.**, Hopkins, W. D. *Lateralized scratching in chimpanzees (*Pan troglodytes*)*. Poster presented at meeting of American Society of Primatologists meeting, Portland, OR.

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## GRANTS UNDER REVIEW

Grants in **bold** have a focus related to diversity, equity, and

- **MPI; NIH R01; Biopsychosocial mechanisms underlying the impact of structural racism and discrimination on chronic pain in Black or African American older adults**, (PI: Ellen Terry, University of Florida). Budget: \$3,279,011; Penn State subaward \$1,478,354) (4/1/2023 – 3/31/2028)

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## FUNDED RESEARCH GRANTS

- PI; NIH NIDA Mentored Research Scientist Award (K01); **Psychological and brain mechanisms underlying disparities in opioid and non-opioid pain treatment decisions**; \$860,791 (2018-2023)
- PI; University of Miami Provost Research Award; **Understanding mechanisms underlying pain treatment disparities: creating and testing a new paradigm**; \$17,000 (2017)
- Co-investigator; University of Sydney HMR+ SPARC Implementation Brain and Mind Center Grant; **Gender dysphoria in Australian children and adolescents: Assessing brain structure and function using functional magnetic resonance imaging**; PI Kasia Kozłowska; \$35,065 (2015-2016)
- PI; UCLA Center for Culture Brain and Development Research Grant; Brain and psychological mediators of imitation: Physical versus sociocultural traits; \$5,000 (2012)
- PI; UCLA Center for Culture Brain and Development Research Grant; Neural processing of race during imitation: Self-similarity versus social status; \$5,000 (2011)
- PI; UCLA Ahmanson-Lovelace Brain Mapping Center Pilot Funding Award; Neural processing of race during imitation: Self-similarity versus social status; \$10,000 (2010)
- PI; UCLA Center for Culture Brain and Development Research Grant; Own-gender imitation activates the brain's reward circuitry; \$5,000 (2010)
- PI; UCLA Center for Culture Brain and Development Research Grant; Race modulates neural activity during imitation; \$5,000 (2009)

- PI; UCLA Center for Culture Brain and Development Research Grant; Creation of more ecologically valid cultural imitative learning video stimuli; \$5,000 (2008)
  - PI; Emory Scholarly Inquiry and Research Grant; Investigating hemispheric control of chimpanzee facial expressions in emotional and communicative contexts; \$4,000 (2004)
  - PI; Emory Faculty Science Council Undergraduate Research Grant; An ethnographic field study of attitudes towards ethnic and cultural diversity in Key West, Florida; \$2,000 (2003)
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#### **FELLOWSHIP AWARDS**

- NIH NIDA Mentored Research Scientist Award (K01) (2018-2023)
  - UCLA Dissertation Year Fellowship (2011-2012)
  - UCLA Neuroimaging Training Program NIH NRSA (T32) Fellowship (2009-2010)
  - UCLA Quality of Graduate Education Special Course Fellowship (2008)
  - UCLA Center for Culture Brain and Development Fellowship (2008-2009)
  - UCLA Quality of Graduate Education Special Course Fellowship (2008)
  - National Science Foundation Graduate Research Fellowship (2006-2011)
  - National Science Foundation Research Experience for Undergraduates Fellowship (2005)
  - Emory Scholars Summer Study Abroad Fellowship (2004)
  - Center for Behavioral Neuroscience BRAIN Summer Research Fellowship (2004)
  - Robert W. Woodruff Scholarship: 4 years full tuition, fees, room and board (2001-2005)
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#### **OTHER ACADEMIC AWARDS**

- University of Miami Graduate School Faculty Mentor of the Year Award (2022)
  - Young Investigator Award, International Cultural Neuroscience Society (2019)
  - Social and Affective Neuroscience Society Annual Meeting Poster Award (2019)
  - Society for Neuroscience Chapter Travel Award (2012)
  - International Cultural Neuroscience Consortium Travel Award (2012)
  - Brain Research Institute Society for Neuroscience Travel Award (2011)
  - Phi Beta Kappa (2005)
  - Lambda Alpha, anthropology honor society (2004)
  - Nu Rho Psi, neuroscience and behavioral biology honor society (2002)
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#### **TEACHING, MENTORSHIP AND OUTREACH**

##### *Teaching*

Courses in **bold** have substantial content focused on issues related to diversity, equity, and inclusion

- University of Miami
  - Professor, PSY697: *Neuroimaging in the Psychological Sciences 2: Applications and Cultural Context* (Spring, 2018, Spring 2022) [teaching evaluations: Course: 4.4/5, Instructor: 4.9/5]
  - Professor, PSY605: *Cognitive Neuroscience* (Fall, 2016; Spring, 2019, Fall 2020, Fall 2022) [teaching evaluations: Course: 4.3/5, Instructor: 4.7/5]
  - Professor, PSY474: *Social and Cultural Neuroscience* (Fall, 2015, 2016; Spring, 2016, 2017, 2018) [teaching evaluations: Course: 4.9/5, Instructor: 4.9/5]
  - Professor, NEU190: *Faculty Overview of Research and Undergraduate Mentoring (FORUM) focused on social and cultural neuroscience* (Spring 2016, 2017, 2018) [teaching evaluations: Course: 4.5/5, Instructor: 4.5/5]
  - Guest lecturer: How computational neuroscience can help untangle relationships between culture, brain, & health, CSC598 *Computational Neuroscience* (Spring, 2020)
  - Guest lecturer: **Neuroscience of social categorization, Law 569A: Black Lives Matter Interdisciplinary Course** (Spring, 2017, 2018)
  - Guest lecturer: Introduction to neuroscience, *School of Communication and Frost Science Neuro CoLab* (Fall, 2016)
- University of California, Los Angeles
  - Teaching assistant, *Center for Culture, Brain, and Development Journal Club* (2012); chose papers, led discussions
  - Teaching assistant, NS205: *Systems Neuroscience* (Spring, 2011); taught 3 two-hour review/discussion sections (~30 students each), held weekly two-hour office hours, helped prepare and administer three exams, graded all exams and review papers
- Emory University
  - Undergraduate teaching fellow, *Introduction to Neurobiology* (Fall 2004); taught weekly 2-hour discussion sections (5 students), attended bi-weekly teaching workshops

### *Mentorship*

Students in **bold** are from underrepresented groups in STEM, and those in **bold** and *italics* are international students

- University of Miami & Penn State
  - Postdoctoral mentees: Steven Anderson (Summer 2020-Spring 2023) continued mentorship on projects from his Ph.D. and career development; **Marilyn Horta** (Fall 2021-Summer 2023) as senior mentor on her Enhanced Interdisciplinary Research Training Institute on Hispanic Substance Use Fellowship, Morgan Gianola (Summer 2022-Present); Morgan Gianola (Summer 2022-Present) continued mentorship on projects from his Ph.D. and career development
  - Primary graduate research mentees: Steven R. Anderson (Fall 2015-Spring 2020), Morgan Gianola (Fall 2017-Spring 2022), *Theoni Varodaki* (Fall 2020-Present), *Yumei Chen* (Summer 2021-Spring 2022), *Suhwan Gim* (Summer 2021-Present), *Maryam*

**Amini** (Summer 2022-Present), **Josue Cardoso** (Fall 2023-Present), Jake Gronemeyer (Fall 2023-Present)

- Postbaccalaureate research mentees: **Nikta Kalilkhani** (Summer 2021-Present), Maryam Amini (Summer 2019-Present), Emma Choplin, (Summer 2019-Present), **Beatriz Yepes** (Summer 2018-Spring 2019), Jenna Perry (Summer 2017-Summer 2019), **Sofia Mercer** (Spring 2018 – Spring 2019), **Natalia Medina** (Spring 2015-Spring 2017), **Elaine Costa** (Summer 2015)
- Undergraduate research mentees: **Lindsey Faucher**, (Summer 2022-Present), Sophia Meibohm (Summer 2022-Present), Denisse Rocco (Summer 2021-Spring 2022), **Gizem Ataman** (Summer 2021-Fall 2021), **Jasmine Sherfield** (Summer 2021-Present), **Sebastian Vargas-George** (Summer 2021-Spring 2022), **Jasmyne Hinson** (Spring 2021-Present), Mary Christodoulou (Fall 2018 – Present), **Felipe Parodi** (Fall 2018 – Summer 2019), **Efrian Rodriguez Sierra** (Summer 2018), Taylor Bak (Spring 2018-Spring 2019), Rachael Eickmeyer (Fall 2017), Madeleine Snider (Spring 2017-present), Joshua Myers, Fiona Collins (Spring 2016-Fall 2017), **Augusto Cividini** (Summer 2015)
- Doctoral dissertation committee member, *Psychology or Neuroscience Doctoral Program*: Linda Robayo (2020-present), Morgan Gianola (Spring 2020- Spring 2022), Joseph Billingsly (Fall 2017-Spring 2019), Steven Anderson (chair; Fall 2019-Spring 2020)
- Master’s thesis committee member, *Psychology Doctoral Program*: William McAuliffe (Fall 2015-Spring 2017), Steven Anderson (chair; Fall 2017-Fall 2018), Morgan Gianola (chair; Fall 2018-Fall 2019), **Theoni Varoudaki** (Summer 2022-Present), Katie Dillon (Summer 2022-Present)
- Qualifying paper committee member, *Psychology Doctoral Program*: Danny Forster (Fall 2015), Dina Dajani (Spring 2017)
- University of Colorado at Boulder
  - Postbaccalaureate research mentees: Elizabeth Delk (2014), Megan Powell (2012-2014)
- UCLA
  - 4 undergraduate research mentees, mentored in fMRI behavioral data collection, analysis, and paper and poster preparation (2009-2010)

#### *Outreach*

- Activities in **bold** aimed at increasing diversity, equity, and inclusion
- Community
  - Judge, Frost Museum Science Art Cinema Festival (Summer 2017)
  - **Panelist, Frost Science Museum Inaugural Live@Frost Science series, “Hollywood Science and the Wonder Women of Miami”** (Summer 2017)
  - Neuroplasticity booth, University of Miami Brain Awareness Week Fair (Spring 2016)
  - Presentation on neuroscience of fear, Frost Science Museum Art Cinema (October 2015)
  - Neuroplasticity booth, Frost Science Museum Brain Fair (April 2015)
  - Judge, California State Science Fair (2011)

- School
  - **Talk on navigating my disabilities for the University of Miami Diversity, Equity and Inclusion Committee’s Our Stories event, “Living fully along the spectrum of abilities”** (Spring 2022)
  - Talk on my research and career path for the Neuroscience Establishment, a high school student-led organization helping to organize neuroscientist shadowing opportunities (Summer 2021)
  - **Lab tour and neuroscience demonstrations, South Miami Middle School student field trip** (Fall 2017)
  - **Women in STEM club presentation on careers in neuroscience, Carlton School of the Sacred Heart** (all girls high school) (Spring 2016)
  - Lab tour and neuroscience demonstrations, Mandelstam School elementary school student field trip (Spring 2016)
  - Lab tour and neuroscience demonstrations, Gulliver Schools elementary and middle school student field trip (Spring 2016)
  - **Hands-on brain demonstrations for elementary to high school students, UCLA Brain Awareness Week, Project Brainstorm, and UCLA Early Academic Outreach Program** (2010-2012)
  - **Invited lectures to high school biology classes and extra-curricular science organizations** (2006-present); 6 lectures to date, on topics including my own research and how to become involved in research as a high school or college student
- Online
  - **Guest on *With Her in Pain* Podcast, podcast that explores the role of gender bias in medicine.** (Summer, 2021)
  - **Contributing blogger, PLoS’s *Neuroanthropology*** (2013)
  - Brain Awareness Video Content, Society for Neuroscience (2011); created and hosted a 5-minute educational video on neuroplasticity, which has been viewed over 73,000 times as of 01/18 and is being used in two rehabilitation centers (URL: <http://www.youtube.com/watch?v=iAzmyB9PFt4>)

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## SERVICE

Activities in **bold** aimed at increasing diversity, equity, and inclusion

### *Editorial*

- Associate editor *Culture and Brain* (2019-present)
- Topic editor for *Frontiers in Human Neuroscience* topic on “The neuroscience of cultural learning: from acculturation to radicalization” (Fall 2017-2020)
- **Guest editor for special issue of *Culture and Brain* on “Culture, Brain, and Health”** (Summer 2015-published Spring 2017)



- Ad hoc reviewer for *Nature Neuroscience*, *Psychological Research*, *NSF*, *Social Cognitive and Affective Neuroscience*, *Cultural Diversity and Ethnic Minority Psychology*, *NeuroImage*, *Neuron*, *Progress in Brain Research*, *European Journal of Neuroscience*, *American Journal on Intellectual and Developmental Disabilities*, *PLoS ONE*, *Human Brain Mapping*, *Behavioral and Brain Functions* (2009-Present)

*National/ International*

- **Panelist in US Association for the Study of Pain Juneteenth Seminar on Cultural Competency** (Spring 2022)
- **Member of the US Association for the Study of Pain Inclusion, Diversity, Equity and Access Committee** (2021-present)
- **Co-chair of the US Association for the Study of Pain Diversity, Inclusion and Anti-Racism in Pain Special Interest Group** (2021-present)
- **Panelist in meeting on developing new standards for ant-racist pain research** (Fall, 2020)
- Co-organizer for the inaugural meeting of the International Cultural Neuroscience Society (Fall, 2020)
- Member of the founding board of the *International Cultural Neuroscience Society* (2019-present)
- **Symposium co-organizer at annual meeting of American Pain Society: Elucidating Factors Contributing to Health Disparities in Pain: Applying the National Institutes on Aging Health Disparities Research Framework** (2019)
- Member *Social and Affective Society* Annual Meeting Program Committee (2018)
- Member *Social and Affective Society* Annual Meeting Program Committee (2017)
- Session chair, *Society for Neuroscience Annual Meeting* (2011)

*Departmental/University*

- Member, *Penn State Department of Biobehavioral Health Colloquium and Founder's Day Committee* (Summer 2022-Present)
- Co-chair, *Penn State Department of Biobehavioral Health Colloquium and Founder's Day Committee* (Summer 2022-Present)
- **Senior Mentor for Enhanced Interdisciplinary Research Training Institute for Hispanic Substance Abuse Career Development Postdoctoral Fellowship Recipient** (Fall 2021-Present)

- **Panelist for graduate admissions information session for BIPOC (Black, Indigenous and People of Color) students by University of Miami Department of Psychology Diversity and Equity Committee** (Fall, 2020)
  - **Chair, Department of Psychology, Brain Imaging Group Community Outreach Committee** (Summer, 2015-Present)
  - Member, *University of Miami Department of Psychology, Brain Imaging Group Communications and Development Committee* (Summer 2015-Present)
  - Cognitive Neuroscience track representative, *University of Miami Department of Psychology NIH Curriculum Funding Committee* (Fall, 2016)
  - Grant reviewer, *University of Miami Department of Psychology Mock NIH Study Section* (Spring, 2016)
  - Faculty interviewer, *University of Miami Stamps, Singer, Weeks and Foote undergraduate scholarships* (Spring, 2016)
  - Member, *University of Miami College of Arts and Sciences Graduate Student Summer and Dissertation Awards Committee* (Spring, 2016)
  - Member, *University of Miami MRI Review Committee* (Fall 2015-Summer 2015)
  - Graduate student member, *UCLA Neuroscience IDP admissions committee* (2012)
  - Curriculum committee member, *UCLA Neuroscience Interdepartmental Program* (2008-2009)
  - Science fair judge, *UCLA undergraduate Neuroscience program* (2008)
  - Recruitment volunteer, *UCLA Neuroscience program* (2007-2012)
  - Speaker, *UCLA Neuroscience graduate retreat and graduate forum* (2007-2012)
  - Mentor to *incoming UCLA Neuroscience graduate students* (2007, 2008)
  - Committee member, *UCLA Neuroscience graduate forum* (2006-2012)
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#### **MEDIA COVERAGE (SELECTED)**

- Anderson et al. (2022) featured in
  - University of Miami press release (2022, August 24) Level of trust in doctor may influence patient’s brain responses to pain. Retrieved from: <https://www.eurekalert.org/news-releases/962782>
  - Wilkins, F. (2022, August 30) Trust me, this won’t hurt. *Medical Republic*. Retrieved from: <https://medicalrepublic.com.au/trust-me-this-wont-hurt/75964>
- Zhang et al. (2021) featured in
  - University of Miami press release (2021, April 6) Research identified gender bias in estimation of patients’ pain. Retrieved from: <https://www.eurekalert.org/news-releases/850360>
  - Ellis, S. (2021, May 10) Is there gender bias in the treatment of chronic pain? New research affirms the suggestion that women’s pain is taken less seriously than men’s.

- Health Central*. Retrieved from: <https://www.healthcentral.com/article/gender-bias-in-pain-treatment>
- LoBuono, C. (2021, April, 29) Women’s pain. *the Doctor will see you now*. Retrieved from: <https://www.thedoctorwillseeyounow.com/content/pain/art6383.html>
  - de C Williams, A. (2021, April 15) Women’s pain is routinely underestimated, and gender stereotypes are to blame-new research. *World Economic Forum*. Retrieved from: <https://www.weforum.org/agenda/2021/04/womens-pain-is-routinely-underestimated-and-gender-stereotypes-are-to-blame-new-research/>
  - Cassella, C. (2021, March 28) People underestimate female pain, even when they are obviously suffering. *Science Alert*. Retrieved from: <https://www.sciencealert.com/people-underestimate-female-pain-and-suggest-psychological-treatment-more-often>
  - (2021, March 22) People think women exaggerate pain. *The Academic Times*. <https://academictimes.com/people-think-women-exaggerate-physical-pain-more-than-men-do-putting-womens-health-at-risk/>
  - Anderson et al., (2021) featured in
    - University of Miami press release (2021, April 6) How do our facial expressions influence how we see others’ pain? Retrieved from: <https://www.eurekalert.org/news-releases/606401>
  - Anderson et al. (2021) featured in
    - University of Miami press release (2021, February 3) How does pain experienced in everyday life impact memory. Retrieved from: <https://www.eurekalert.org/news-releases/732550>
  - Gianola et al. (2020) featured in
    - University of Miami press release (2020, November 30) Does your pain feel different in English and Spanish? Retrieved from [https://www.eurekalert.org/pub\\_releases/2020-11/uom-dyp113020.php](https://www.eurekalert.org/pub_releases/2020-11/uom-dyp113020.php)
    - Anderer, J. (2020, December 4). If you are bilingual it can have a very interesting impact when this happens. *Ladders*. Retrieved from <https://www.theladders.com/career-advice/if-you-are-bilingual-it-can-have-a-very-interesting-impact-when-this-happens>
  - Anderson et al. (2020) featured in
    - University of Miami press release (2020, August 24). Having a doctor who shares the race of their patients may ease pain. Retrieved from <https://news.miami.edu/stories/2020/08/having-a-doctor-who-shares-the-same-race-may-ease-patients-angst.html>
    - Berman, R. (2021, September 3) Black patients experience less pain with Black doctors. *Medical News Today*. Retrieved from: <https://www.medicalnewstoday.com/articles/black-patients-experience-less-pain-with-black-doctors>.
  - Losin et al. (2020) featured in

- University of Miami press release. (2020, February 3). Brain study identifies possible causes of ethnic pain disparities. Retrieved from [https://www.eurekalert.org/pub\\_releases/2020-02/uom-bsi020120.php/](https://www.eurekalert.org/pub_releases/2020-02/uom-bsi020120.php/)
- Begley, S. (2020, February 3). Brain-imaging study shows ‘hot spot’ that may explain why African Americans feel greater pain. *STAT*. Retrieved from <https://www.statnews.com/2020/02/03/brain-imaging-study-may-explain-why-african-americans-feel-greater-pain/>
- Biegler, P. (2020, February 4). The pain of discrimination is real: Neural and social factors contribute to ethnic differences, study finds. *Cosmos Magazine*. Retrieved from <https://cosmosmagazine.com/biology/the-pain-of-discrimination-is-real>
- Sutherland, S. (2020, March 31) Higher pain in African Americans rooted in discrimination. *Pain Research Forum*. Retrieved from <https://www.painresearchforum.org/news/137272-higher-pain-ratings-african-americans-rooted-discrimination>
- Losin, Anderson, & Wager (2017) featured in
  - University of Miami press release. (2017, May 5). Can trusting your doctor help reduce pain? Retrieved from [https://www.eurekalert.org/pub\\_releases/2017-05/uom-cty050417.php](https://www.eurekalert.org/pub_releases/2017-05/uom-cty050417.php)
  - Singal, J. (2017, May 5). How much getting a shot hurts might depend on how much you trust your doctor? *New York Magazine: The Cut*. Retrieved from <https://www.thecut.com/2017/05/doctor-patient-pain.html>
  - Matthews, S. (2017, May 5). Is this proof pain is psychological? Sharing religious or political views with your GP creates a ‘social placebo’ that eases discomfort. *The Daily Mail*. Retrieved from <http://www.dailymail.co.uk/health/article-4477072/Having-common-doctor-eases-pain.html>
- Losin Lab featured in:
  - Castillo, J. (2018) Understanding Pain through Science and Simulation. *University of Miami Immersive Learning Special Report*. Retrieved from <https://learning.miami.edu/15-pain-perception-lab/index.html>
  - University of Miami College of Arts and Sciences. (2015, December, 10). The human brain- A great frontier in science research. Retrieved from <http://www.as.miami.edu/news/news-archive/the-human-brain---a-great-frontier-in-science-research-.html>
- Dr. Losin featured in:
  - Castillo, J. (2018) Making headway on health disparities. University of Miami Magazine Faculty Files. Retrieved from <http://miami.univmiami.net/making-headway-on-health-disparities/>
  - Society for Neuroscience (2011). Action alters perception: how imitation alters the neural encoding of race. *“Hot topic” presentation media materials*.
  - Lende, D. (2010, November 26). Cultural neuroscience – culture and the brain [Blog post]. Retrieved from <http://blogs.plos.org/neuroanthropology/2010/11/26/cultural-neuroscience---culture-and-the-brain/>.

- Lee, C. (2010, March 11). A lesson in neuroscience? It's a no-brainer. *UCLA Today*, Retrieved from <http://www.today.ucla.edu/portal/ut/a-lesson-in-neuroscience-it-s-154973.aspx>.
  - Azar, B. (2010, November). Your brain on culture. *American Psychological Association Monitor on Psychology*, 41(10), 44. Coturnix. (2008, June 28). New and exciting in PLoS ONE [Blog post]. Retrieved from [http://scienceblogs.com/clock/2008/06/new\\_and\\_exciting\\_in\\_plos\\_one\\_41.php](http://scienceblogs.com/clock/2008/06/new_and_exciting_in_plos_one_41.php).
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#### **PROFESSIONAL MEMBERSHIPS**

- United States Association for the Study of Pain
- International Association for the Study of Pain
- Social & Affective Neuroscience Society
- Organization for Human Brain Mapping
- Cognitive Neuroscience Society
- Society for Neuroscience