

# Elizabeth Reynolds Losin

*Curriculum Vitae*

May, 2019

Department of Psychology, University of Miami  
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## PROFESSIONAL EXPERIENCE

### ***Assistant Professor (2015-present)***

#### ***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: 4 years full tuition, fees, room and board

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## PEER-REVIEWED PUBLICATIONS

1. Bainter, S. A., McCaulley, T. G., Wager, T. D., **Losin, E. A. R.** (Accepted). Improving practices for selecting a subset of important predictors in psychology: An application to predicting pain
2. Gianola, M., **Losin, E. A. R.** (In Press). The cultural neuroscience of imitative learning. *Oxford Handbook of Cultural Neuroscience and Global Mental Health*.
3. Geuter, S., **Losin, E. A. R.**, Roy, M., Atlas, L. Y., Schmidt, L., Krishnan, A., Koban, L., Wager, T. D., Lindquist, M. A. (2018). Multiple brain networks mediating stimulus-pain relationships in humans. *bioRxiv*. doi:10.1101/298927.
4. 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*. doi:10.1038/s41593-017-0051-7.
5. Billingsley, J., **Losin, E. A. R.** (2017). Evolutionary psychology and the neuroscience of forgiveness. *Frontiers in Psychology*. doi:10.3389/fpsyg.2017.00737
6. **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*. doi:10.1016/j.jpain.2017.02.428
7. **Losin, E. A. R.** (2017). Culture, brain and health: Introduction to the special issue. *Culture and Brain*. doi:10.1007/s40167-017-0049-8
8. Anderson, S. R., **Losin, E. A. R.** (2016). A socio-cultural neuroscience approach to pain. *Culture and Brain*. doi:10.1007/s40167-016-0037-4.
9. 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*. doi: 10.1016/j.neuroimage.2015.10.074
10. **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. doi: 10.1007/s40167-015-0029-9
11. 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.
12. **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*. doi:10.1002/hbm.22287
13. **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. doi:10.1093/scan/nsr055
14. **Losin, E. A. R.**, Iacoboni, M., Martin, A., Dapretto, M. (2012b). Race modulates neural activity during imitation. *NeuroImage*, 59, 3594-3603. doi:10.1016/j.neuroimage.2011.10.074

15. **Losin, E. A. R.**, Dapretto, M., Iacoboni, M. (2010). Culture and neuroscience: Additive or synergistic? *Social Cognitive and Affective Neuroscience*, 5, 148-158. doi:10.1093/scan/nsp058
16. **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.
17. **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. doi: 10.1352/1944-7558-114.5.369
18. **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. doi:10.1371/journal.pone.0002529
19. 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. doi: 10.1037/1528-3542.6.4.553
20. 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. doi: 10.1111/j.0956-7976.2005.01561.x

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**MANUSCRIPTS UNDER REVIEW AND IN PREPARATION**

- Losin, E. A. R.**, Woo, Chong-Wan, Medina, N.A., Eisenbarth, H., Andrews-Hannah, J., Wager, T. D. (In Revision). Psychological and neural mediators of ethnic differences in pain.
- Zhang, L, **Losin, E. A. R.**, Ashar, Y. K., Koban, L., Wager, T. D. (In Revision). Gender biases in estimation of others' pain.
- Anderson, S. R., Witkin, J. E., Bolt, T., Llabre, M., **Losin, E. A. R.** (In Revision). Delineating region and network-level mechanisms underlying the relationship between everyday pain and cognitive performance.
- Goldstein, P., **Losin, E. A. R.**, Wager, T. D. (Under Review) Clinician-patient movement synchrony mediates social group effects on pain assessment and trust.
- Anderson, S. R., Han, S., Li, W., **Losin, E. A. R.** (In Preparation) Modulation of the neural empathic response to pain via expressive suppression.
- Anderson, S. R., Gianola, M., Perry, J. M., Medina, N. A., **Losin, E. A. R.** (In Preparation) Doctor-patient racial/ethnic concordance predicts pain: Evidence from simulated clinical interactions
- Losin, E. A. R.\***, Bainter, S. A.\*, Wager, T. D. (In Preparation). A multivariate model of behavioral and neural predictors of pain.
- Losin, E. A. R.**, Snider, M., Perry, J. M. (In Preparation) Validation of a new video stimulus set for studying demographic biases in pain assessment and treatment.

- Gianola, M., Yepes, B., **Losin, E. A. R.** (In Preparation). Characterization of Cultural Priming Images for the Activation of Hispanic and US American Cultural Reference Frames among Spanish-English Bilinguals in the United States.
- Medina, N. A., **Losin, E. A. R.** (In Preparation). Perceptions of facial competence, warmth, and trustworthiness predict clinician preference.
- Geuter, S., **Losin, E.A.R.**, Wager, T.D. (In Preparation). Temporal dynamics of painful stimuli in the basal ganglia and ventral striatum.
- Billingsley, J., **Losin, E. A. R.** (In Preparation). The neuroscience of racial categorization: An evolutionary perspective.
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#### SCIENTIFIC TALKS

- 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.** *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.**, 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 University of South Florida Psychology Department Colloquium, Tampa, FL.
- 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.** (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.

- 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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## POSTERS

- 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.
- 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 to be 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 to be 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 Francisco, 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

- PI; NIH Mentored Research Scientist Award (K01) Proposal; Psychological and brain mechanisms underlying disparities in opioid and non-opioid pain treatment decisions \$860,791 (2018-2022)
- 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)
- UCLA Center for Culture Brain and Development Research Grant (2012)
- UCLA Center for Culture Brain and Development Research Grant (2011)
- Ahmanson-Lovelace Brain Mapping Center Pilot Funding Award (2010)
- UCLA Center for Culture Brain and Development Research Grant (2010)
- UCLA Center for Culture Brain and Development Research Grant (2009)
- UCLA Center for Culture Brain and Development Research Grant (2008)
- Emory Scholarly Inquiry and Research Grant (2004)
- Faculty Science Council Undergraduate Research Grant (2003)

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## FELLOWSHIPS

- 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**

- 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*

- University of Miami
  - 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)* (Spring 2016, 2017, 2018) [teaching evaluations: Course: 4.5/5, Instructor: 4.5/5]
  - Guest lecturer: neuroscience of social categorization, *Law 569A: Black Lives Matter Interdisciplinary Course* (Spring, 2017, 2018)
  - Professor, *PSY605: Cognitive Neuroscience* (Fall, 2016)
  - 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*

- University of Miami
  - Primary graduate research mentees: Steven R. Anderson (Fall 2015-present), Morgan Gianola (Fall 2017-present)
  - Postbaccalaureate research mentees: Beatriz Yepes (Summer 2018-present), Jenna Perry (Summer 2017-present), Sofia Mercer (Spring 2017 – present), Natalia Medina (Spring 2015-Spring 2017), Elaine Costa (Summer 2015)
  - Undergraduate research mentees: Mary Christodoulou (Fall 2018 – present), Felipe Parodi (Fall 2018 – present), Efrían Rodríguez Sierra (Summer 2018), Taylor Bak (Spring 2018-present), 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 Doctoral Program*: Joseph Billingsly (Fall 2017-Spring 2019)
  - Master’s thesis committee member, *Psychology Doctoral Program*: William McAuliffe (Fall 2015-Spring 2017)
  - Qualifying paper committee member, *Psychology Doctoral Program*: Danny Forster (Fall 2015), Dina Dajani (Spring 2017)
- University of Colorado – Boulder
  - Postbaccalaureate research mentees: Elizabeth Delk (2014), Megan Powell (2012-2014)
- University of California – Los Angeles
  - 4 undergraduate research mentees, mentored in fMRI behavioral data collection, analysis, and paper and poster preparation (2009-2010)

### *Outreach*

- 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)
- Elementary, middle, and high schools
  - Lab tour and neuroscience demonstrations, South Miami Middle School student field trip (Fall 2017)
  - 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 Brain Storm, 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
    - Contributing blogger, PLoS's *Neuroanthropology* (Winter 2013-present)
    - 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

### *Editorial*

- Topic editor for *Frontiers in Human Neuroscience* topic on “The neuroscience of cultural learning: from acculturation to radicalization” (Fall 2017-present)
- Guest editor for special issue of *Culture and Brain* on “Culture, Brain, and Health” (Summer 2015-published Spring 2017)
- Ad hoc reviewer for *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, PLoSONE, Human Brain Mapping, Behavioral and Brain Functions* (2009-Present)

### *Departmental/University*

- Chair, *Department of Psychology, Brain Imaging Group Community Outreach Committee* (Summer, 2015-Present)
- Member, *Department of Psychology, Brain Imaging Group Communications and Development Committee* (Summer 2015-Present)
- Cognitive Neuroscience track representative, *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, *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)
  - Session chair, *Society for Neuroscience Annual Meeting* (2011)
  - 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**

- 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/>
- 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>
- Losin, Anderson, & Wager (2017) featured in: 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>
- Losin, Anderson, & Wager (2017) featured in: Craig, D. (2017, July). Highlights from the Journal of Pain. *American Pain Society: E-News*. Retrieved from <http://americanpainsociety.org/education/e-news/2017/july/summaries>.
- Losin, Anderson, & Wager (2017) featured in: American Pain Society. (2017, May 10). Pain research news. *APS SmartBrief*.
- Losin, Anderson, & Wager (2017) featured in: Staff (2017, May 6). If you trust your doc, does it reduce pain? *National Pain Report*. Retrieved from <http://nationalpainreport.com/if-you-trust-your-doc-does-it-reduce-pain-8833535.html>
- Losin, Anderson, & Wager (2017) featured in: 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, Anderson, & Wager (2017) featured in: University of Miami. (2017, May 4). Can trusting your doctor help reduce pain? *Science Daily*. Retrieved from <https://www.sciencedaily.com/releases/2017/05/170504161531.htm>
- Lab featured in: 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>

- Featured in: Society for Neuroscience (2011). Action alters perception: how imitation alters the neural encoding of race. *“Hot topic” presentation media materials*.
  - Featured in: 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/>.
  - Featured in: 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>.
  - Interviewed for and featured in: Azar, B. (2010, November). Your brain on culture. *American Psychological Association Monitor on Psychology*, 41(10), 44.
  - Featured in: 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**

- Social & Affective Neuroscience Society
- Organization for Human Brain Mapping
- Cognitive Neuroscience Society
- Society for Neuroscience