

Marilyn Horta, PhD

(She/her/hers)

Email: Mhorta09@ufl.edu

Website: MarilynHorta.com

Twitter: [@Marilyn_Horta](https://twitter.com/Marilyn_Horta)

Research Interests

Social-Cognitive & Affective Neuroscience • Lifespan Development • Healthy & Vulnerable Aging Populations • Chronic Pain • Decision-making & Health-related Behaviors • Contextual Factors & Dynamics • Individual Differences • Pharmacological & Behavioral Interventions

Education

2014 – 2020 **University of Florida**, Gainesville, FL, USA
Dual-Specialization Program in Developmental Psychology & Behavioral & Cognitive Neuroscience

PhD in Psychology, May 2020

Dissertation: "Chronic intranasal oxytocin administration effects on dynamic emotion identification & related functional connectivity in healthy older adults" ([Read here](#))

Advisor: Natalie Ebner, PhD

Gerontology Graduate Certificate, May 2020

MS in Psychology, May 2017

Thesis: "Effects of single-dose intranasal oxytocin administration on dynamic facial emotion identification among young & older adults" ([Read here](#))

Advisor: Natalie Ebner, PhD

2009 – 2013 **Florida State University**, Tallahassee, FL, USA
Honors College & Dual-Degree Program

BS in Psychology, May 2013

BS in International Affairs, May 2013

Positions Held

2020 – National Institute on Drug Abuse Substance Abuse Training Center in Public Health T32 Program at the University of Florida (T32DA035167)

Position: Postdoctoral Fellow

Mentor: Roger Fillingim, PhD

Director: Linda Cottler, PhD

2018 The Laboratory of Brain & Cognition at McGill University & the Montreal Neurological Institute

Position: Summer Research Trainee

Mentor: Nathan Spreng, PhD

2017 – 2019 National Institute on Aging T32 Fellowship on Physical, Cognitive, & Mental Health in Social Context at the University of Florida (T32AG020499)

Position: Predoctoral Fellow

Mentor: Natalie Ebner, PhD

Director: Michael Marsiske, PhD

2015 Multimodal Neuroimaging Training Program at Carnegie-Mellon University & the University of

Pittsburgh (R90DA023420 & T90DA022761)

Position: Summer Research Fellow

Mentors: Kirk Erickson, PhD, Fatma Uyar, PhD

Directors: Peter Gianaros, PhD, William Eddy, PhD

2014 – 2020 Social-Cognitive & Affective Development Lab at the University of Florida

Position: Graduate Assistant & PhD Candidate

Mentor: Natalie Ebner, PhD

2013 – 2014 National Institutes of Health Post-Baccalaureate Research Experience Program at Emory University (R25GM089615-04)

Position: Post-Baccalaureate Research Fellow

Mentors: James Rilling, PhD, Jennifer Mascaro, PhD

Directors: Gordon Churchward, PhD, Catherine Quinones, PhD, Charles Moran, PhD

Peer-Reviewed Publications

Lin, T[†], **Horta, M[†]**, Heald, K, Heemskerk, A, Darboh, B, Levi, A, Spreng, RN, Turner, GR, Ebner, NC (in press). Loneliness progression among older adults during the COVID-19 pandemic in the United States & Canada. *Journals of Gerontology: Series B: Psychological Sciences*. **†Share equal authorship**

Rung, JM, Kidder, QA, **Horta, M**, Berry, MS, Ebner, NC (in press). Associations between alcohol use & peripheral, genetic, & epigenetic markers of oxytocin in a general sample of young & older adults. *Brain & Behavior*. <https://doi.org/10.1002/brb3.2425>

Valdés-Hernández, PA, Polk, R, **Horta, M**, Frazier, I, Perez, E, Ojeda, M, Porges, EC, Cruz-Almeida, Y, Feifel, D, Ebner, NC (2021). Chronic oxytocin administration in older men modulates functional connectivity during animacy perception. *Aging Brain*, 1, 100023. <https://doi.org/10.1016/j.nbas.2021.100023>

Conner, LB, **Horta, M**, Ebner, NC, & Lighthall, NR (2021). Value network engagement & effects of memory-related processing during encoding & retrieval of value. *Brain & Cognition*, 152, 105754. <https://doi.org/10.1016/J.BANDC.2021.105754>

Rung, JM, **Horta, M**, Tammi, EM, Perez, E, Ojeda, MC, Lin, T, Harris, G, Somerville, J, Salmeron, D, Beltz, SE, Sandesara, B, Feifel, D, Ebner, NC (2021). Safety & tolerability of chronic intranasal oxytocin in older men: results from a randomized controlled trial. *Psychopharmacology*, 238(9), 2405–2418. <https://doi.org/10.1007/s00213-021-05862-3>

Horta, M, Pehlivanoglu, D, Ebner, NC (2020). The Role of Intranasal Oxytocin on Social Cognition: an Integrative Human Lifespan Approach. *Current Behavioral Neuroscience Reports*, 1–18. <https://doi.org/10.1007/s40473-020-00214-5>

Horta, M, Kaylor, K, Feifel, D, Ebner, NC (2020). Chronic oxytocin administration as a tool for investigation & treatment: A cross-disciplinary systematic review. *Neuroscience & Biobehavioral Reviews*, 108, 1–23. <https://doi.org/10.1016/j.neubiorev.2019.10.012>

Horta, M, Ziaei, M, Lin, T, Porges, EC, Fischer, H, Feifel, D, Spreng, RN, Ebner, NC (2019). Oxytocin alters patterns of brain activity & amygdalar connectivity by age during dynamic facial emotion identification. *Neurobiology of Aging*, 78, 42–51. <https://doi.org/10.1016/j.neurobiolaging.2019.01.016>

Frazier, I, Lighthall, NR, **Horta, M**, Perez, E, Ebner, NC (2019). CISDA: Changes in Integration for Social Decisions in Aging. *Wiley Interdisciplinary Reviews: Cognitive Science*, 10(3), e1490. <https://doi.org/10.1002/wcs.1490>

Gui, W, Wang, P, Lei, X, Lin, T, **Horta, M**, Liu, X, Yu, J (2019). Sleep facilitates consolidation of positive emotional memory in healthy older adults. *Memory*, 27(3), 387–396. <https://doi.org/10.1080/09658211.2018.1513038>

- Li, T, **Horta, M**, Mascaro, JS, Bijanki, K, Arnal, LH, Adams, M, Barr, RG, Rilling, JK (2018). Explaining individual variation in paternal brain responses to infant cries. *Physiology & Behavior*, 193(Pt A), 43–54. <https://doi.org/10.1016/j.physbeh.2017.12.033>
- Ebner, NC, Bailey, PE, **Horta, M**, Joiner, JAE, Chang, SWC (2017). Multidisciplinary perspective on prosociality in aging. In J Sommerville & J Decety (Eds.), *Social Cognition: Development Across the Life Span* (1st ed., pp. 303–325). Routledge. <https://doi.org/10.4324/9781315520575>
- Ebner, NC, **Horta, M**, Lin, T, Feifel, D, Fischer, H, Cohen, RA (2015). Oxytocin modulates meta-mood as a function of age & sex. *Frontiers in Aging Neuroscience*, 7(SEP). <https://doi.org/10.3389/fnagi.2015.00175>

Manuscripts Under Review

- Polk, R[†], **Horta, M[†]**, Lin, T, Perez, E, Ojeda, M, Porges, EC, Nazarloo, HP, Carter, CS, Ebner, NC (2021). Associations of plasma oxytocin & vasopressin with emotion recognition & cognition in older men. Under review in *Philosophical Transactions B*. [†]**Share equal authorship**

Grants

2021 – 2022	The University of Florida Center for Advancing Minority Pain & Aging Science Pilot Grant (National Institutes of Health/National Institute of Aging P30AG059297)	\$25,000
	Project Title: Understanding the Impact of Chronic Pain on Decision-Making in Aging (IRB202100482)	

Honors & Awards

Extramural		
2021	Enhanced Interdisciplinary Research Training Institute on Hispanic Substance Abuse Fellowship	\$2000
2020	Institute for Learning & Retirement at Oak Hammock Robert Levitt Graduate Student Award for Aging Research	\$250
2019	Kavli Summer Institute in Cognitive Neuroscience Fellowship	~\$2000
2019	Institute for Learning & Retirement at Oak Hammock, Leighton E. Cluff Graduate Student Award for Aging Research	\$1200
2018	Scientific Research Network on Decision Neuroscience & Aging Mentorship/Collaboration Award	\$5000
2015 & 2020	Scientific Research Network on Decision Neuroscience & Aging Conference Travel Awards (2 awards total)	~\$4000
2014	Honorable Mention, Ford Foundation Fellowship Program	N/A
Intramural (University of Florida)		
2020	Schumacher Award for Outstanding Dissertation in Psychology	\$2000
2019 – 2020	Jacquelin Goldman Dissertation Award	\$23,000
2019	College of Liberal Arts & Sciences Dissertation Fellowship	\$7000
2018	College of Liberal Arts & Sciences Conference Travel Award	\$300
2018	McKnight Brain Institute Travel Award	\$500
2016 – 2017	Jacquelin Goldman Single Year Awards (2 awards total)	\$12,000
2015 – 2019	Graduate Student Council Travel Awards (5 awards total)	\$1750

2015 – 2018	Office of Research Travel Awards (3 awards total)	\$1200
2015	Jacquelin Goldman Research Award	\$2000
2014 – 2019	Jacquelin Goldman Fellowship in Developmental Psychology	\$25,000
2014 – 2019	Graduate School Diversity Enhancement Award	\$20,000
2014 – 2018	Department of Psychology Conference Travel Awards (5 awards total)	\$2600
2014	Board of Education Summer Fellowship	\$1600

Conference Presentations

* Indicates supervised undergraduate/post-baccalaureate student

Oral Presentations

Horta, M, Lin, T, Polk, R, Feifel, D, Ebner, NC (February 2021). Chronic intranasal oxytocin administration effects on dynamic emotion identification & related functional connectivity in healthy older adults. North Central Florida Society for Neuroscience 11th Annual (Virtual) Chapter Conference, Gainesville, FL.

Horta, M, Lin, T, Peeling, S*, Heemskerk, A*, Spreng, RN, Turner, GR, Ebner, NC (February 2021). Loneliness & substance use during the COVID-19 pandemic among older adults in the US & Canada. University of Florida College of Public Health & Health Professions Virtual Research Day, Gainesville, FL.

Horta, M, Lin, T, Polk, R, Feifel, D, Ebner, NC (February 2020). Effects of chronic intranasal oxytocin administration on dynamic emotion identification in older adults. 10th Annual Institute for Learning in Retirement Student Research on Aging Poster Competition & the Robert Levitt Awards at Oak Hammock, Gainesville, FL.

Horta, M, Ziaei, M, Lin, T, Porges, EC, Fischer, H, Feifel, D, Spreng, RN, Ebner, NC (January 2020). Oxytocin alters patterns of brain activity & amygdalar connectivity by age during dynamic facial emotion identification. North Central Florida Society for Neuroscience Conference, Gainesville, FL.

Valdes-Hernandez, PA, **Horta, M**, Frazier, I, Porges, EC, Polk, R, Perez, E, Ojeda, M, Cruz-Almeida, Y, Morris, JP, Feifel, D, Ebner, NC (October 2019). Chronic oxytocin administration in older men modulates functional connectivity of the posterior superior temporal sulcus during social perception. Society for Neuroscience, Chicago, IL.

Ebner, NC, Månsson, KNT, Lin, T, Lussier, D, **Horta, M**, Frazier, I, Weir, D, Feifel, D, Fischer, H (January 2019). Neuroplasticity & cognitive benefits associated with chronic intranasal oxytocin administration in aging. Alpine Brain Imaging Meeting, Champéry, Switzerland.

Poster Presentations

Horta, M, Lin, T, Heald, K, Heemskerk, A*, Peeling, S*, Darboh, B, Levi, A, Spreng, RN, Turner, GR, Ebner, NC (September 2021). Loneliness, social support, & substance use among older adults in Canada & the United States before & during the COVID-19 pandemic. National Hispanic Science Network Annual Virtual Conference.

Horta, M, Lin, T, Heald, K, Heemskerk, A*, Peeling, S*, Darboh, B, Levi, A, Spreng, RN, Turner, GR, Ebner, NC (June 2021). Loneliness, social support, & substance use among older adults in Canada & the United States before & during the COVID-19 pandemic. College on Problems of Drug Dependence Annual Scientific Virtual Meeting.

Myers, E*, Lussier, D, **Horta, M**, Frazier, I, Polk, R, Feifel, D, Ebner, NC (January 2019). Increase in empathy & insula volume after 4-week intranasal oxytocin administration in older adults. North Central

Florida Chapter of the Society for Neuroscience Annual Conference, Gainesville, FL.

Lussier, D, **Horta, M**, Porges, EC, Woods, A, Cohen, RA, Ebner, NC, Cruz-Almeida, Y (November 2018). Pain modulation is associated with cingulate morphology in older adults with musculoskeletal pain. Society for Neuroscience, San Diego, CA.

Horta, M, Ziaei, M, Lin, T, Porges, EC, Fischer, H, Feifel, D, Spreng, RN, Ebner, NC (November 2018). Intranasal oxytocin modulates amygdalar connectivity by age during dynamic facial emotion identification. Society for Neuroscience, San Diego, CA.

Horta, M, Ziaei, M, Lin, T, Porges, EC, Fischer, H, Feifel, D, Spreng, RN, Ebner, NC (September 2018). Intranasal oxytocin modulates amygdalar connectivity by age during dynamic facial emotion identification. Resting-State & Brain Connectivity Conference, Montreal, QC, CA.

Lussier, D, Hayes, R, **Horta, M**, Lin, T, Frazier, I, Weir, D, Perez, E, Feifel, D, Månsson, KNT, Fischer, H, Ebner, NC (June 2018). Four-week intranasal oxytocin vs. placebo administration modulation of amygdala & accumbens volume. Organization for Human Brain Mapping, Suntec, SG.

Månsson, KNT, Cortes, DS, Lin, T, **Horta, M**, Frazier, I, Lussier, D, Feifel, D, Fischer, H, Ebner, NC (June 2018). Neuroplasticity after acute & repeated exposure to oxytocin: a multi-site MRI analysis. Organization for Human Brain Mapping, Suntec, SG.

Salmeron, D*, Somerville, J*, **Horta, M**, Plasencia, GM, Weir, D, Hofmann, B*, Feifel, D, Cruz-Almeida, Y, Ebner, NC (May 2018). Safety of chronic intranasal oxytocin administration & functional benefits in aging. Cognitive Aging Conference, Atlanta, GA.

Salmeron, D*, Somerville, J*, **Horta, M**, Plasencia, GM, Weir, D, Hofmann, B*, Feifel, D, Cruz-Almeida, Y, Ebner, NC (April 2018). Safety of chronic intranasal oxytocin administration & functional benefits in aging. Poster on the Hill Conference, Washington, DC.

Salmeron, D*, Somerville, J*, **Horta, M**, Plasencia, GM, Weir, D, Hofmann, B*, Anton, SD, Cohen, RA, Fischer, H, Feifel, D, Cruz-Almeida, Y, Ebner, NC (March 2018). Safety of acute intranasal oxytocin administration in healthy adults. Spring Undergraduate Research Symposium, University of Florida, Gainesville, FL.

Salmeron, D*, Somerville, J*, **Horta, M**, Plasencia, GM, Weir, D, Hofmann, B*, Feifel, D, Cruz-Almeida, Y, Ebner, NC (February 2018). Safety of acute intranasal oxytocin administration in healthy adults. Florida Undergraduate Research Conference, Melbourne, FL.

Salmeron, D*, **Horta, M**, Somerville, J*, Plasencia, GM, Weir, D, Hofmann, B*, Anton, SD, Cohen, RA, Fischer, H, Feifel, D, Ebner, NC (October 2017). Safety of acute intranasal oxytocin administration in healthy older adults. Undergraduate Research Day, University of Florida, Gainesville, FL.

Conner, L, Dalton, I, **Horta, M**, Gulliford, D, Frazier, I, Ebner, NC, Lighthall, N (March 2017). Information integration in economic value judgments: Shift from affective to deliberative decision network regions. Society for Social & Affective Neuroscience Annual Meeting, Los Angeles, CA.

Ebner, NC, Lin, T, **Horta, M**, Woods, AJ, Cohen, RA, Feifel, D, Fischer, H (March 2017). Intranasal oxytocin affects perceptions of facial trustworthiness in young & older adults. Society for Social & Affective Neuroscience Annual Meeting, Los Angeles, CA.

Horta, M, Lin, T, Ziaei, M, Soliman, A, Porges, EC, Feifel, D, Oliveira, D, Fischer, H, Cohen, RA, Ebner, NC (March 2017). Effects of single-dose intranasal oxytocin on dynamic facial emotion identification among young & older adults. Society for Social & Affective Neuroscience Annual Meeting, Los Angeles, CA.

- Lin, T, **Horta, M**, Fischer, H, Feifel, D, Cohen, RA, Ebner, NC (November 2016). Effects of intranasal oxytocin on perceptions of trustworthiness in aging. Gerontological Society of America Annual Meeting, New Orleans, LA.
- Ebner, NC, Chen, H, Porges, EC, Lin, T, **Horta, M**, Fischer, H, Feifel, D, Cohen, RA (April 2016). Oxytocin's effect on resting-state functional connectivity varies by age & sex. Society for Social & Affective Neuroscience Annual Meeting, New York, NY.
- Ebner, NC, Chen, H, Porges, EC, Lin, T, **Horta, M**, Fischer, H, Feifel, D, Cohen, RA (April 2016). Oxytocin's effect on resting-state functional connectivity varies by age & sex. Cognitive Aging Conference, Atlanta, GA.
- Horta, M**, Lin, T, Garcia, A, Ebner, NC (April 2016). Functional Connectivity during Dynamic Emotion Identification: Effects of Age & Oxytocin. Society for Social & Affective Neuroscience Annual Meeting, New York, NY.
- Horta, M**, Lin, T, Gulliford, D, Cohen, RA, Ebner, NC (November 2015). Dynamic Emotion Identification: Effects of Age & Oxytocin. The Gerontological Society of America Annual Meeting, Orlando, FL.
- Horta, M**, Lin, T, Fischer, H, Cohen, RA, Feifel, D, Ebner, NC (September 2015). Does Oxytocin Affect Meta-Mood & Prosocial Decision-Making in Aging? University of Florida Annual Spotlight on Aging Research, Gainesville, FL.
- Balasubramaniyan, A, Clark, M, **Horta, M**, Uyar, F, Karim, H, Erickson, K (July 2015). Examining Sex Differences in a Visual Food Cue Task. Multimodal Neuroimaging Training Program Summer Workshop Symposium on Health Neuroscience, Pittsburgh, PA.
- Horta, M**, Lin, T, Fischer, H, Cohen, RA, Feifel, D, Ebner, NC (May 2015). Does Oxytocin Affect Emotional Competence & Prosocial Decision-Making in Aging? Association for Psychological Science Annual Convention, New York, NY.
- Horta, M**, Lin, T, Fischer, H, Cohen, RA, Feifel, D, Ebner, NC (March 2015). Does Oxytocin Affect Emotional Competence & Prosocial Decision-Making in Aging? Annual Institute for Learning in Retirement Student Research on Aging Exposition & Awards, Gainesville, FL.
- Horta, M**, Lin, T, Fischer, H, Cohen, RA, Feifel, D, Ebner, NC (March 2015). Does Oxytocin Affect Emotional Competence & Prosocial Decision-Making in Aging? Scientific Research Network on Decision Neuroscience & Aging Conference, Miami, FL.
- Lin, T, **Horta, M**, Fischer, H, Cohen, RA, Feifel, D, Ebner, NC (March 2015). Effects of Intranasal Oxytocin on Perceptions of Facial Trustworthiness Vary by Age & Gender. Scientific Research Network on Decision Neuroscience & Aging Conference, Miami, FL.
- Horta, M**, Rilling, JK (September 2014). Longitudinal effects of PURPLE intervention on paternal neural responses to infant cries. Society for Psychophysiological Research 54th Annual Meeting, Atlanta, GA.
- Horta, M**, Rilling, JK (March 2014). Longitudinal effects of PURPLE intervention on paternal neural responses to infant cries. Emory University Laney Graduate School STEM Research & Career Symposium, Atlanta, GA.

Skill-Building Workshops & Summer Schools

Competitive

2021	Enhanced Interdisciplinary Research Training Institute on Hispanic Substance Abuse, Pasadena, CA
2020 – 2021	Adolescent Brain Cognitive Development (ABCD) ReproNim Course on Reproducible Data Analyses, Enrolled Student
2020 – 2021	Neurohackademy Online
2019	Kavli Summer Institute in Cognitive Neuroscience, Santa Barbara, CA
2017	Summer School in Social Neuroscience & Neuroeconomics at Duke University, Durham, NC
2017	RAND Summer Institute for Aging Research, Santa Monica, CA
2015	Multimodal Neuroimaging Training Program Summer Workshop & Symposium on Health Neuroscience at the University of Pittsburgh & Carnegie Mellon University, Pittsburgh, PA
2012	Center for Neuroscience at the University of Pittsburgh Summer Undergraduate Research Program, Pittsburgh, PA

Non-competitive or Invited

2021	Creating Experiments in PsychoPy Virtual Workshop
2021	Pittsburgh Summer Methodology Series: Designing Ambulatory Assessment Studies & Multilevel Modeling for Longitudinal Data Virtual Workshop
2020	National Institutes of Health Inclusion Across the Lifespan II Virtual Workshop
2020	Bayesian Statistics Workshop at the University of Florida, Gainesville, FL
2020	University of Florida Postdoc Writing Program, Gainesville, FL
2019	Scientific Research Network on Decision Neuroscience & Aging Data Harmonization Workshop, Miami, FL
2018	Resting-State & Brain Connectivity Educational Workshop at the Montreal Neurological Institute, Montreal, QC, CA
2018	Event-related Potential (ERP) Mini Bootcamp at the University of Florida, Gainesville, FL
2017	Transcranial direct current stimulation (tDCS) Workshop at the University of Florida, Gainesville, FL
2017	Scientific Research Network on Decision Neuroscience & Aging Tools of the Trade Workshop: Human Neuroimaging Methods & Best Practices, Los Angeles, CA
2014	The Odum Institute for Research in Social Science Summer Workshop, at the University of North Carolina, Chapel Hill, NC

Methodological Background & Experience

- Neuroimaging (fMRI, DWI), EEG/ERP, tDCS, & eye-tracking data collection
- Philips Achieva 3T MRI Operator
- Pharmacological & behavioral intervention administration
- Non-human primate & human research
- Research regulation (IRB, Clinical Trials)
- Coding experience (Matlab, Unix, R)

- Software experience:
 - Neuroimaging data analysis (Brain Voyager, FSL, SPM, CONN, PLSC)
 - Neuroimaging data visualization (Caret, MANGO, MRIcron)
 - EEG/ERP analysis (EEGlab/ERPlab)
 - Statistical analysis (SPSS, SAS, Stata, G*Power, NeuroPower)
 - Motion tracking (MaxTRAQ, MaxMATE)
 - Audio editing and analysis (Audacity, PRAAT)
 - Experimental design (E-Prime, PsychoPy3)

Teaching Experience

Fall 2021	Role: Guest Lecturer Course: University of Florida Department of Psychology MRI Interest Group Lecture: "Network Parcellation Selection and their Effects on Developmental Samples and Individual Differences: Review of Bryce et al., 2021"
Fall 2021	Role: Guest Lecturer Course: Research Colloquium in Behavioral & Cognitive Neuroscience (PSY6930) Lecture: Early Research Career Interview with Graduate Students Instructor: Lori Knackstedt, PhD
Spring 2021	Role: Guest Lecturer Course: University of Florida Department of Psychology MRI Interest Group Lecture: "Overview of the CONN Functional Connectivity Toolbox"
Fall 2020	Role: Guest Lecturer Course: Research Colloquium in Developmental Psychology (DEP6059) Lecture: "PRISMA & CONSORT Guidelines, Open Science Framework, & Professional Development" Instructor: Natalie Ebner, PhD
Spring 2020	Role: Guest Lecturer Course: University of Florida Department of Psychology MRI Interest Group Lecture: "Overview of Partial Least Squares Analysis for Neuroimaging Data"
Spring 2019	Role: Graduate Course Instructor Course: General Psychology (PSY2012)
Spring 2016	Role: Graduate Teaching Assistant Course: General Psychology (PSY2012) Instructor: Nicole Dorey, PhD
Fall 2015	Role: Graduate Teaching Assistant & Guest Lecturer Course: Lifespan Developmental Psychology (DEP3053) Lecture: "Socioemotional Development in Early Adulthood" Instructor: Natalie Ebner, PhD
2014 – 2017	Role: Graduate Teaching Assistant Course: Developmental Psychology (DEP3053) Instructor: Marina Klimenko, PhD

Mentorship Experience

Mentee: Julia Cochran, University of Florida

Program: NIH PA-21-071 Diversity Supplement

Project: Mechanisms of Oxytocin's Analgesia in Older Adults (3R01AG059809-04S1)

PIs: Yenisel Cruz-Almeida, PhD & Natalie Ebner, PhD

Mentee: Amber Heemskerk, University of Florida

Program: NIH PA-20-222 Diversity Supplement

Project: Uncovering & Surveilling Financial Deception Risk in Aging (3R01AG057764-03S1)

PIs: Natalie Ebner, PhD & Nathan Spreng, PhD

Mentee: Dinia Salmeron, University of Florida

Program: University Scholars

Project: Safety of chronic intranasal oxytocin administration in aging

PI: Natalie Ebner, PhD

Mentee: Jessie Somerville, University of Florida

Program: National Science Foundation Research Experiences for Undergraduates

Project: Safety of single-dose intranasal oxytocin administration in aging

PI: Natalie Ebner, PhD

Mentee: Katie Buzzanca, University of Florida

Program: National Science Foundation Research Experiences for Undergraduates

Project: Differences in response inhibition during an emotional go/no-go task among healthy young & older adults (Senior Thesis)

PI: Natalie Ebner, PhD

Service

Adhoc Journal Reviews

2021 *Social Cognitive & Affective Neuroscience*

2020 *Psychoneuroendocrinology*

2020 *Translational Psychiatry*

Mentored Journal Reviews

2017 *Psychology & Aging*

2014 *Cognition & Emotion*

Volunteer & Organizational Work

2021 **Role:** Reviewer

Program: Leighton E. Cluff Graduate Student Award for Aging Research

2020 **Role:** Member

Program: Research Scientist Search Committee for the Department of Psychology at the University of Florida

2019 **Role:** Volunteer

Program: Brain Awareness Week, North Central Florida Chapter of the Society for Neuroscience

- 2019** **Role:** Lead Graduate Organizer
Program: 9th Annual Institute for Learning in Retirement Student Research on Aging Poster Competition & the Robert Levitt Awards at Oak Hammock
- 2018** **Role:** Lead Graduate Organizer
Program: Dr. Jacquelin Goldman Speaker Series: Dr. Mara Mather
- 2018** **Role:** Graduate Co-organizer
Program: 8th Annual Institute for Learning in Retirement Student Research on Aging Exposition & the Robert Levitt Awards at Oak Hammock
- 2014 – 2020** **Role:** Member
Program: Diversity Affirmation & Awareness Committee at the University of Florida
- 2012 – 2013** **Role:** Editor
Program: Florida State University Council for Undergraduate Research & Creativity

Professional Affiliations

- University of Florida Pain Research & Intervention Center of Excellence
- University of Florida Center for Advancing Minority Pain & Aging Science
- University of Florida Center for Addiction & Research Education
- National Hispanic Science Network
- International Association for the Study of Pain
- United States Association for the Study of Pain
- American Psychological Association Division 20 (Adult Development & Aging)
- American Psychological Association Division 50 (Society of Addiction Psychology)
- North Central Florida Chapter of the Society for Neuroscience
- Scientific Research Network on Decision Neuroscience & Aging
- Society for Neuroscience
- Social & Affective Neuroscience Society
- Gerontological Society for America
- Association for Psychological Science

Media Appearances

- University of Florida Center for Addiction Research and Education Podcast, Episode 13, October 22, 2021 ([Listen here](#))