Marilyn Horta, PhD

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Education

2014 – 2020	University of Florida Developmental Psychology Behavioral & Cognitive Neuroscience Dual-Specialization Program	PhD in Psychology Gerontology Graduate Certificate MS in Psychology
2009 – 2013	Florida State University Honors College Dual-Degree Program	BS in Psychology BS in International Affairs

Positions Held

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2020 –	National Institute on Drug Abuse Substance Abuse Training Center in Public Health T32 Program at the University of Florida (T32DA035167)	Position: Postdoctoral Fellow Director: Linda Cottler, PhD Mentor: Roger Fillingim, 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 Director: Michael Marsiske, PhD Mentor: Natalie Ebner, PhD
2015	Multimodal Neuroimaging Training Program at Carnegie-Mellon University & the University of Pittsburgh (R90DA023420 & T90DA022761)	Position: Summer Research Fellow Directors: Peter Gianaros, PhD, William Eddy, PhD Mentors: Kirk Erickson, PhD, Fatma Uyar, 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: Research Fellow Directors: Gordon Churchward, PhD, Catherine Quinones, PhD, Charles Moran, PhD Mentors: James Rilling, PhD, Jennifer Mascaro, PhD

Peer-Reviewed Publications

- Conner, LB, **Horta, M**, Ebner, NC, & Lighthall, NR (2021). Value network engagement and effects of memory-related processing during encoding and 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 and 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 and 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 and amygdalar connectivity by age during dynamic facial emotion identification. *Neurobiology of Aging*, 78, 42–51. https://doi.org/10.1016/j.neurobiologing.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 and sex. *Frontiers in Aging Neuroscience*, 7(SEP). https://doi.org/10.3389/fnagi.2015.00175

Manuscripts Under Review

- Lin, T[†], **Horta, M**[†], Heald, K, Heemskerk, A, Darboh, B, Levi, A, Spreng, RN, Turner, GR, Ebner, NC (2021). Loneliness progression among older adults during the COVID-19 pandemic in the United States and Canada. Under review in *Journals of Gerontology: Series B: Psychological Sciences.* [†]**Share equal authorship**
- Rung, JM, Kidder, QA, **Horta, M,** Berry, MS, Ebner, NC (2021). The role of oxytocin in alcohol & caffeine use in young & older adults: an analysis of biological, genetic, & epigenetic mechanisms. Under review in *International Journal of Psychophysiology*.
- 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 of posterior superior temporal sulcus during animacy perception. Under review in *Brain*.

Grants

2021 – 2022 University of Florida Center for Advancing Minority Pain & Aging Science Pilot S25,000 Grant (National Institutes of Health/National Institute of Aging P30AG059297)

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)	~\$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)	\$12,000
2015 – 2019	Graduate Student Council Travel Awards (5)	\$1750
2015 – 2018	Office of Research Travel Awards (3)	\$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)	\$2600
2014	Board of Education Summer Fellowship	\$1600

Conference Presentations

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.

^{*} Indicates supervised undergraduate/post-baccalaureate student

- 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, Champery, 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

Selective		
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-selective		
2021	Pittsburgh Summer Methodology Series: Designing Ambulatory Assessment Studies & Multilevel Modeling for Longitudinal Data	
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 The Odum Institute for Research in Social Science Summer Workshop, at the University 2014 of North Carolina, Chapel Hill, NC

Teaching Experience

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 2019 Role: Instructor

Course: General Psychology (PSY2012)

Spring 2016 Role: Teaching Assistant

Course: General Psychology (PSY2012)

Instructor: Nicole Dorey, PhD

Fall 2015 Role: Teaching Assistant & Guest Lecturer

Course: Lifespan Developmental Psychology (DEP3053) **Lecture:** "Socioemotional Development in Early Adulthood"

Instructor: Natalie Ebner, PhD

2014 - 2017 Role: 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)

Pls: 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)

Pls: 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 and older

adults (Senior Thesis)

PI: Natalie Ebner, PhD

Service

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2024	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: 9 th 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: 8 th 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