

CURRICULUM VITAE
Vani A. Mathur

vmathur@tamu.edu
mathurlab.sites.tamu.edu

FACULTY POSITIONS

2023-present Associate Professor, Department of Psychological and Brain Sciences, Texas A&M University
2015-2023 Assistant Professor, Department of Psychological and Brain Sciences, Texas A&M University

Additional Faculty Roles

Director/Principal Investigator

2015-present Social Neuroscience of Pain Disparities Laboratory

Training/Core Faculty

2015-present Social and Personality Area, Department of Psychological and Brain Sciences

2015-present Diversity Science Cluster, Department of Psychological and Brain Sciences

2015-present Texas A&M University Institute for Neuroscience (TAMIN)

Faculty Affiliate

2020-present Cognitive and Cognitive Neuroscience Area, Department of Psychological and Brain Sciences

2019-present Texas A&M University Center for Population Health and Aging (CPHA)

Faculty Fellow

2018-present Texas A&M University Center for Health Systems & Design (CHSD)

EDUCATION

2012 Ph.D. in Psychology

Brain, Behavior, and Cognition Program, Northwestern University

Dissertation: *Racial disparities in the subjective and neurobiological processing of pain perception and experience*

2009 M.S. in Psychology

Brain, Behavior, and Cognition Program, Northwestern University

Thesis: *Neural basis of intergroup biases in empathy and altruistic motivation*

2005 B.S. in Human Physiology

Sargent College of Health & Rehabilitation Sciences, Boston University

POSTDOCTORAL FELLOWSHIPS

2014-2015 Department of Neural and Pain Sciences, University of Maryland, Baltimore

2012-2014 Interdisciplinary Training Program in Biobehavioral Pain Research, Johns Hopkins University

HONORS, AWARDS & FELLOWSHIPS

2023 Mayday Pain & Society Fellow

2022 APA Fall 2022 Diversity Research Spotlight, *The Clinical Psychologist*, 75(4), 9-12.

2020 Nominee, Aggies Celebrate Teaching! – Recognizing Transformational Learning Award

2018 College of Liberal Arts NCFDD Faculty Success Program Award, Texas A&M University

2017 American Pain Society Future Leaders in Pain Research Award

2015 Texas A&M University ADVANCE Scholar

2013 NIH Health Disparities LRP

2013 Semi-finalist, APA Jeffrey S. Tanaka Memorial Dissertation Award in Psychology

2012 American Pain Society Pain & Disparities Shared Interest Group Young Investigator Award

2012 Interdisciplinary Biobehavioral Pain Research Fellowship, Johns Hopkins University

2012 Northwestern University Graduate School Career Development Award

2010 Philip Brickman Endowment Fellowship, Northwestern University

2009 Society, Biology, and Health Cluster Fellowship, Northwestern University

2008 & 2009 Honorable Mention, National Science Foundation Graduate Research Fellowship

2007 Northwestern University Graduate School Research Fellowship

2006 Women's Health Research Award, Massachusetts General Hospital

2005 Cum Laude, Boston University

PUBLICATIONS

Peer Reviewed Journal Articles

(trainees/early career scientists underlined: postdoctoral fellow, *graduate student, #postgraduate, **undergraduate)

- Consistent with field standards, I am typically last/senior author behind my students for studies conducted in my laboratory, under my supervision and mentorship. For collaborations involving trainees, senior authorship is often shared; with all student authors listed first and all senior authors listed last.
- 1. **Mathur, V.A.**, Payano Sosa, J.S., Keaser, M.L., Meiller, T.F., Seminowicz, D.A. (2023). The social context of Burning Mouth Syndrome: An exploratory pilot study of stigma, discrimination, and pain. *Pain Medicine*.
=equal author contributions
- 2. *Nanavatv, N., *Walsh, K.T., *Boring, B.L., Ganesan, A., Carter-Sowell, A.R., **Mathur, V.A.** (2023). Acute ostracism-related pain sensitization is enhanced in the context of accumulated lifetime experiences of ostracism. *The Journal of Pain*.
- 3. *Boring, B.L., **Richter, A., **Mathur, V.A.** (2023). Higher self-perceived stress reactivity is associated with increased chronic pain risk. *PAIN Reports*, 8(2), e1068.
- 4. *Nanavatv, N., Thompson, C.G., Meagher, M.W., McCord, C., **Mathur, V.A.** (2023). Traumatic life experience and pain sensitization: Meta-analysis of laboratory findings. *Clinical Journal of Pain*, 39(1), 15-28.
- 5. Hood, A.M., Morias, C.A., Aroke, E.N., Booker, S.Q., Campbell, L.C., Campbell, C.M., Goodin, B.R., Janevic, M., Kapos, F.P., **Mathur, V.A.**, Merriwether, E.N., Letzen, J.E. (2023). Antiracism CoalITION in Pain Research (ACTION-PR): Guiding principles for equity in reporting. *The Journal of Pain*, 24(1), 19-21.
- 6. *Walsh, K.T., *Nanavatv, N., *Boring, B.L., Carter-Sowell, A.R., **Mathur, V.A.** (2022). Lifetime experiences of ostracism and mechanisms of pain. *Frontiers in Pain Research*, 3, 1037472.
- 7. *Walsh, K.T., *Boring, B.L., *Nanavatv, N., *Guzman, H., **Mathur, V.A.** (2022). Sociocultural context and pre-clinical pain facilitation: Multiple dimensions of racialized discrimination experienced by Latinx Americans are associated with enhanced temporal summation of pain. *The Journal of Pain*, 23(11), 1885-1893.
- 8. *Boring, B.L., Ng, B.W., *Nanavatv, N., **Mathur, V.A.** (2022). Over-rating pain is overrated: A fundamental self-other bias in pain reporting behavior. *The Journal of Pain*, 23(10), 1779-1789.
 - Runner-up, United States Association for the Study of Pain's G.F. Gebhart Journal of Pain Young Investigator Award
 - PsyPost: Psychologists uncover evidence of a fundamental pain bias by Mane Kara-Yakoubian. July 2022.
<https://www.psypost.org/2022/07/psychologists-uncover-evidence-of-a-fundamental-pain-bias-63613>
- 9. Letzen, J.E., **Mathur, V.A.**, Janevic, M., Burton, M.D., Hood, A.M., Morias, C.A., Booker, S.Q., Campbell, C.M., Aroke, E.N., Goodin, B.R., Campbell, L.C., Merriwether, E.N. (2022). Confronting racism in pain research: Reframing study designs. *The Journal of Pain*, 23(6), 893-912.
 - #1 top cited article in the Journal of Pain in 2022.
 - Featured Reading on DocWire News. March 17, 2022.
- 10. Morias, C.A., Aroke, E.N., Letzen, J.E., Campbell, C.M., Hood, A.M., Janevic, M., **Mathur, V.A.**, Merriwether, E.N., Goodin, B.R., Booker, S.Q., Campbell, L.C. (2022). Confronting racism in pain research: A call to action. *The Journal of Pain*, 23(6), 878-892.
 - #3 top cited article in the Journal of Pain in 2022.
- 11. Hood, A.M., Booker, S.Q., Morias, C.A., Goodin, B.R., Letzen, J.E., Campbell, L.C., Merriwether, E.N., Aroke, E.N., Campbell, C.M., **Mathur, V.A.**, Janevic, M. (2022). Confronting racism in all forms of pain research: A shared commitment for engagement, diversity, and dissemination. *The Journal of Pain*, 23(6), 913-928.
 - #5 top cited article in the Journal of Pain in 2022.
- 12. **Mathur, V.A.**, Trost, Z., Ezenwa, M., Sturgeon, J.A., Hood, A. (2022). Mechanisms of injustice: What we (don't) know about racialized disparities in pain. *PAIN*, 163(6), 999-1005.
- 13. Janevic, M., **Mathur, V.A.**, Booker, S.Q., Morais, C., Meints, S., Yeager, K.A., Meghani, S.H. (2022) Making pain research more inclusive: Why and how. *The Journal of Pain*, 23(5), 707-728.
 - #2 top cited article in the Journal of Pain in 2022.
 - Several recommendations were adopted and incorporated in the IASP fact sheet on pain disparities. Morais, C., Moyano, J., Belton, J., Moyo, N. (January 18, 2022). *Global Inequities in Pain Treatment: How Future Research Can Address This Better*.
- 14. *Boring, B.L., *Maffly-Kipp, J., **Mathur, V.A.**, Hicks, J.A. (2022). Meaning in life and pain: The differential effects of coherence, purpose, and mattering on pain severity and the development of chronic pain. *Journal of Pain Research* 15, 299-314.

15. **Mathur, V.A., *Nyman, T., *Nanavaty, N., **George, N.,** Brooker, R.J. (2021). Trajectories of pain during pregnancy predict symptoms of postpartum depression. *PAIN Reports*, 6(2), e933.
16. ***Boring, B.L., *Walsh, K.T., *Nanavaty, N., Ng, B.W., Mathur, V.A.** (2021). How and why do patient concerns influence pain reporting?: A qualitative analysis of personal accounts and perceptions of others' use of numerical pain scales. *Frontiers in Psychology – Health Psychology*, 12, 2232.
17. ***Boring, B.L., *Walsh, K.T., *Nanavaty, N., Mathur, V.A.** (2021). Shame mediates the relationship between pain invalidation and depression. *Frontiers in Psychology – Health Psychology*, 12, 5673.
 - PsyPost: Having your pain invalidated is associated with increased shame and, in turn, an increased risk of depression by Beth Ellwood. February 2022. <https://www.psypost.org/2022/02/having-your-pain-invalidated-is-associated-with-increased-shame-and-in-turn-an-increased-risk-of-depression-62626>
18. ***Kim, H., *Nanavaty, N., #Ahmed, H., Mathur, V.A.,** Anderson, B.A. (2021). Motivational salience guides attention to valuable and threatening stimuli: Evidence from behaviour and fMRI. *Journal of Cognitive Neuroscience*, 33(12), 2440-2460.
19. **Mathur, V.A.,** Morris, T., ***McNamara, K.** (2020). Cultural conceptions of women's labor pain and labor pain management: A mixed-methods analysis. *Social Science & Medicine*, 261, 113240.
 - Featured Reading on DocWire News. August 7, 2020.
20. ***Rassu, F.S., **Luedke, J.C., *Nanavaty, N., Mathur, V.A.,** Meagher, M.W. (2020). Greater mechanical temporal summation of pain in Latinx-Americans and the role of adverse life experiences. *PAIN Reports*, 5(5), e842.
21. **Ng, B.W., *Nanavaty, N., Mathur, V.A.** (2019). The influence of Latinx American identity on pain perception and treatment seeking. *Journal of Pain Research*, 12, 3025-3035.
22. Petre, B., Tetreault, P., **Mathur, V.A.,** Schurgin, M., Chiao, J., Huang, L., Apkarian, A.V. (2017). A central mechanism enhances pain perception of noxious thermal stimulus changes. *Scientific Reports*, 7(1), 3894.
23. **Mathur, V.A., #Kiley, K.B., #Pejsa, M.,** Haywood, C., Bediako, S., Lanzkron, S., Buenaver, L.F., Edwards, R.R., Haythornthwaite, J.A., Campbell, C.M. (2016). Multiple-levels of suffering: Discrimination in health care settings is associated with greater laboratory pain sensitivity in sickle cell disease. *Clinical Journal of Pain*, 32(12), 1076-1085.
 - **Broader Impacts: Clinical Best Practices & Diagnostic Criteria**
 - Addition/inclusion of racialized discrimination-related modulation of pain in sickle cell disease in the AAAPT (Analgesic, Anesthetic, and Addiction Clinical Trial Translations Innovations Opportunities and Networks-American Pain Society Pain Taxonomy) diagnostic criteria for chronic and acute pain in sickle cell disease
 - Dampier et al. (2017). AAAPT diagnostic criteria for chronic sickle cell disease pain. *The Journal of Pain*, 18(5), 490-8. & Field et al. (2019). AAAPT diagnostic criteria for acute sickle cell disease pain. *The Journal of Pain*, 20(7), 746-59.
 - Recommendation for ongoing education on discrimination as best practice in pain management.
 - U.S. Department of Health and Human Services (2019, May). *Pain Management Best Practices Inter-Agency Task Force Report: Updates, Gaps, Inconsistencies, and Recommendations*. <https://www.hhs.gov/sites/default/files/pmtf-final-report-2019-05-23.pdf>
24. **Mathur, V.A., #Kiley, K.B.,** Carroll, C.P., Edwards, R.R., Lanzkron, S., Haythornthwaite, J.A., Campbell, C.M. (2016). Disease related, non-disease related, and situational catastrophizing in sickle cell disease and its relationship with pain. *The Journal of Pain*, 17(11), 1227-1236.
25. **Mathur, V.A.,** Moayed, M., Keaser, M.L., Khan, S.A., Hubbard, C.S., Goyal, M., Seminowicz, D.A. (2016). High frequency migraine is associated with lower acute pain sensitivity and abnormal insula activity related to migraine pain intensity, attack frequency, and pain catastrophizing. *Frontiers in Human Neuroscience*, 10, 489.
26. Speed, T.J., **Mathur, V.A.,** Hand, M., Christensen, B., Sponseller, P.D., Williams, K.A., Campbell, C.M. (2016). Characterization of pain, disability, and psychological burden in Marfan syndrome. *American Journal of Medical Genetics Part A*. 9999A:1–9.
27. **Mathur, V.A.,** Cheon B.K., Harada, T., **#Scimeca, J.,** Chiao, J.Y. (2016). Overlapping neural response to the pain or harm of people, animals, and nature. *Neuropsychologia*, 81, 265-273.
28. **Mathur, V.A.,** Khan, S.A., Keaser, M.L., Hubbard, C.S., Goyal, M., Seminowicz, D.A. (2015). Altered cognition-related brain activity and interactions with acute pain in migraine. *NeuroImage: Clinical*, 7, 347–358.
29. **Mathur, V.A.,** Richeson, J.A., Paice, J.A., ****Muzyka, M.,** Chiao, J.Y. (2014). Racial bias in pain perception and response: experimental examination of automatic and deliberate processes. *The Journal of Pain*, 15(5), 476–484.
 - Selected as *The Journal of Pain* Featured Journal Club Article for the month of May, 2014.

- Included in Relief: Pain Research News, Insights, and Ideas: *All Pain Is Not Equal* by Laura Kiesel. June 2016. <http://relief.news/all-pain-is-not-equal/>
- **Broader Impacts: National Policy Recommendations & Clinical Best Practices**
 - Evidence of the problem of Pain Disparities, and support of Pain Disparities as a Core Topic in the National Pain Strategy - a foundational guide for policy-level decisions to reduce pain in America.
 - Interagency Pain Research Coordinating Committee. (2015). *National Pain Strategy: a comprehensive population health-level strategy for pain*. Washington, DC: Department of Health and Human Services.
 - Recommendation for ongoing education on provider bias as best practice in pain management.
 - U.S. Department of Health and Human Services (2019, May). *Pain Management Best Practices Inter-Agency Task Force Report: Updates, Gaps, Inconsistencies, and Recommendations*. <https://www.hhs.gov/sites/default/files/pmtf-final-report-2019-05-23.pdf>
- 30. Hubbard, C.S., Khan, S.A., Keaser, M.L., **Mathur, V.A.**, Goyal, M., Seminowicz, D.A. (2014). Altered brain structure and function correlate with disease severity and pain catastrophizing in migraine patients. *eNeuro*, 1(1).
- 31. Cheon, B.K., Im, D., Harada, T., Kim, J., **Mathur, V.A.**, Scimeca, J., Parrish, T.B., Park, H., Chiao, J.Y. (2013). Cultural modulation of the neural correlates of empathy: The role of 'other-focusedness.' *Neuropsychologia*, 51(7), 1177-1186.
- 32. Campbell, C.M., McCauley, L., Bounds, S.C., **Mathur, V.A.**, Conn, L., Simango, M., Edwards, R.E., Fontaine, K. (2012). Changes in pain catastrophizing predict later changes in fibromyalgia clinical and experimental pain report: Cross-lagged panel analyses of dispositional and situational catastrophizing. *Arthritis Research & Therapy*, 14(5), R231.
- 33. **Mathur, V.A.**, Harada, T., Chiao, J.Y. (2012). Racial identification modulates default network activity for same and other races. *Human Brain Mapping*, 33(8): 1883-1893.
- 34. Cheon, B.K., Im, D., Harada, T., Kim, J., **Mathur, V.A.**, Scimeca, J., Parrish, T.B., Park, H., Chiao, J.Y. (2011). Cultural influences on neural basis of intergroup empathy. *NeuroImage*, 57(2), 642-650.
- 35. Cheon, B.K., **Mathur, V.A.**, Chiao, J.Y. (2010). Empathy as cultural process: Insights from the cultural neuroscience of empathy. *World Cultural Psychiatry Research Review*, 5, 32-42.
- 36. Chiao, J.Y. & **Mathur, V.A.** (2010). Intergroup empathy: How does race affect empathic neural responses? *Current Biology*, 20(11): R478-R480.
- 37. **Mathur, V.A.**, Harada, T., Lipke, T., Chiao, J.Y. (2010). Neural basis of extraordinary empathy and altruistic motivation. *NeuroImage*, 51(4): 1468-1475.
- 38. Chiao, J.Y., **Mathur, V.A.**, Harada, T., Lipke, T. (2009). Neural basis of preference for hierarchy versus egalitarianism. *Annals of the New York Academy of Sciences*, 1167, 174-81.
- 39. Lawson, E.A., Miller, K.K., **Mathur, V.A.**, Misra, M., Meenaghan, E., Herzog, D.B., Klibanski, A. (2007). Hormonal and nutritional effects on cardiovascular risk markers in young women. *Journal of Clinical Endocrinology and Metabolism*, 92(8):3089-94.
- 40. Miller, K.K., Lawson, E., **Mathur, V.A.**, Wexler, T., Meenaghan, E., Misra, M., Herzog, D., Klibanski, A. (2007). Androgens in women with anorexia nervosa and normal-weight women with hypothalamic amenorrhea. *Journal of Clinical Endocrinology and Metabolism*, 92(4):1334-9.
- Spotlighted in Endocrine News: Trends and Insights for the Endocrine Community: *Androgens lower in anorexia nervosa women*. April 2007.

Peer Reviewed Chapters

- 41. *Guthrie, D., *Boring, B.L., *Maffly-Kipp, J., **Mathur, V.A.**, Hicks, J.A. (2022). The experience of meaning in life in the context of pain-related disability. In Wehmeyer, M.L. & Dunn, D.S. (Eds.) *The Positive Psychology of Personal Factors: Implications for Understanding Disability*. (Ch. 10). Lanham, MD: Lexington Books.
- 42. Chiao, J.Y. & **Mathur, V.A.** (2016). Cultural neuroscience of pain and empathy. In Chiao, J.Y., Li, S., Seligman, R., Turner, R. (Eds.) *Handbook of Cultural Neuroscience*. (Ch. 18). Oxford, UK: Oxford University Press.
- 43. Chiao, J.Y., Blizinsky, K.D., **Mathur, V.A.**, Cheon, B.K. (2012). Culture-gene coevolution of empathy and altruism. In Oakley, B., Knafo, A., Madhavan, G., Wilson, D.S. (Eds.) *Pathological Altruism* (Ch. 22). Oxford, UK: Oxford University Press.

Book Review

- 44. Chiao, J.Y. & **Mathur, V.A.** (2010). The Brain's Pleasure [review of *Pleasures of the Brain*]. *PsychCRITIQUES*.

INVITED TALKS & ADDRESSES

- 2023 *Reimagining pain disparities research.* (October 24). Invited speaker, Biobehavioral Pediatric Pain group, Stanford University.
- 2022 *Looking upstream: Social and cultural contributors to pain and disparity.* (July 14). Invited speaker, NIH Pain Seminar Series.
- 2022 *Understanding pain disparities through an injustice lens.* (August 31). Invited speaker, UIC Social & Personality Psychology Brown Bag.
- 2021 *Discrimination as a social determinant of pain.* (May 24). Invited speaker and panelist, NIH Pain Consortium Annual Symposium. Panel on *The impact of social determinants of health on chronic pain and pain management*, annual theme *Pain and Pandemics: Challenges and Opportunities in the Current Social and Healthcare Climate*.
- 2020 *Race-based discrimination and inequity in pain.* (December 3). Invited speaker and panelist, Examining the interface between race and pain from a justice perspective, racial inequities and injustice in the modern pain context. Virtual Meeting of the American Psychosomatic Society *Pursing Health Equity in the Context of COVID-19: The Essential Role of Psychosomatic Science*.
- 2020 *Cultural conceptions of women's labor pain.* (September 4). The Jose Miguel Cimadevilla Memorial Seminar Series, St. Mary's University, San Antonio, TX (via zoom).
- 2018 *Combating multiple levels of suffering: Sociocultural and social neuroscientific approaches to pain disparities* (February 15). Diversity Science: Emerging Perspectives in Psychology conference, University of Arkansas, Fayetteville, AR.
- 2014 *Sociocultural modulation of neurobiological pain and empathic processes.* (September 26, 2014). Transdisciplinary symposium. University of Colorado-Denver, Denver, CO.
- 2014 *Effects of migraine on the brain.* (February 7, 2014). Blaustein Multidisciplinary Pain Conference, Johns Hopkins Hospital, Baltimore, MD.
- 2013 *Sociodemographic differences in pain.* (March 22, 2013). Blaustein Multidisciplinary Pain Conference, Johns Hopkins Hospital, Baltimore, MD.
- 2011 *Culturally-shared and culturally-specific influences on the neural basis of intergroup empathy for emotional pain.* (April 16, 2011). Center for Culture, Mind, and the Brain Annual Conference, Ann Arbor, MI.

GRANTS

Current

- 2023-2024 *Building Epistemic Inclusiveness to Support the Next Generation of Diversity Science Scholars*
Inclusive Excellence Major Innovation Grant, College of Arts & Sciences, Texas A&M University
Role: Multiple Principal Investigator
- 2022-2025 *Nature-based Therapy: A Socioecological and RE-AIM Approach to Treating Disaster-related PTSD in Flood-vulnerable Communities*
National Academy of Sciences, Engineering, and Medicine
Role: Co-Principal Investigator
- 2022-2024 *Aversive Information Processing Biases in Nicotine Dependence*
National Cancer Institute (NCI) R21
Role: Co-Investigator
- 2020-2023 *Improving Maternal Health Equity and Decreasing Racial Disparities through Transdisciplinary Research and Collaborating in the Brazos Valley*
Texas A&M Presidential Clinical Research Partnership (PCRP) Grant
Role: Multiple Principal Investigator
- Transdisciplinary research project with TAMU + community partners. Our first pilot studies from a project entitled *Disparities in Labor Pain and Pain Management* (funded by a proof of concept grant) provided preliminary data and team infrastructure for this larger project.
- 2019-2023 *Components of Selection History and the Control of Attention*
National Institute on Drug Abuse (NIDA) R01
Role: Co-Investigator
- 2019-2023 *Programmable Surroundings: Their Impact On Human Behavior, Cognition, And Health*

Texas A&M T3 Triads for Transformation
Role: Co-Principal Investigator

2017-2023 *Collaborative Research: The Texas A&M System AGEP Alliance: A Model to Advance Historically Underrepresented Minorities in the STEM Professoriate (AGEP TxARM)*
National Science Foundation (NSF)
Role: Co-Investigator

Completed (selected)

2021 *Experiences of Pregnancy Pain Invalidation*
College of Liberal Arts Summer Research Grant Program
Role: Principal Investigator

2017-2019 *Social mechanisms of psychophysical pain disparities*
APS Future Leaders in Pain Research Grant
Role: Principal Investigator

2017-2018 *Neural Mechanisms of Attention to Pain Cues*
Texas A&M Division of Research PESCA Grant
Role: Co-Principal Investigator

2017-2018 *Disparities in Labor Pain and Pain Management*
Texas A&M Liberal Arts Social Science Consortium Proof of Concept Grant
Role: Co-Principal Investigator

2012-2014 National Institutes of Health Ruth L. Kirschstein National Research Service Award T32
Program Directors: Gayle G. Page, RN, DNSc & Jennifer A. Haythornthwaite, Ph.D.
Role: Post-doctoral Fellow

2012 *Racial Disparities in the Subjective and Neurobiological Processing of Pain Perception and Experience*
Northwestern University Graduate Research Grant
Role: Principal Investigator

2010-2012 *A Neural Investigation of the Effects of Racial Group Membership and Discrimination on the Experience of Pain*
Midwest Pain Society Robert G. Addison and E. Richard Blonsky Research Grant
Role: Principal Investigator

Mentorship and Student Focused Grants

2023 U.S. Senator Phil Gramm Fellowship Award, Graduate Mentee: *Brandon Boring

2022 College of Liberal Arts Summer Dissertation Fellowship Award, Graduate Mentee: *Brandon Boring

2022 Elizabeth A. Qualls '89 Endowed Fellowship, Graduate Mentee: *Hanan Guzman

2022 US Association for the Study of Pain Young Investigator Award, Graduate Mentee: *Brandon Boring

2021 Society for Personality and Social Psychology Travel Award, Graduate Mentee: *Brandon Boring

2017-2020 *Environmental Threat-Related Attention Bias and Physiological Pain Response*
National Science Foundation Graduate Research Fellowships Program (NSF GRFP)
Graduate Mentee: *Namrata Nanavaty
Role: Primary Mentor/Faculty Sponsor

2020 International Association for the Study of Pain Travel Award, Graduate Mentee: *Namrata Nanavaty

2019 American Pain Society Young Investigator Travel Award, Graduate Mentee: *Brandon Boring

2018 American Pain Society Young Investigator Travel Award, Graduate Mentee: *Namrata Nanavaty

2017 Bush Presidential Library Undergraduate Travel Grant, Undergraduate Mentee: **Mollie Adams

2016 *Promoting the Recruitment, Retention, and Success of Graduate Students from Diverse Backgrounds*
Innovative Graduate Student Recruitment Grant
Texas A&M University Office of Graduate and Professional Studies
Role: Co-Investigator & Student Mentor

CONFERENCE PRESENTATIONS

(trainees/early career scientists underlined: postdoctoral fellow, *graduate student, #postgraduate, **undergraduate)

Talks, Symposia, Workshops, and Paper Presentations

1. Thurston, I., **Mathur, V.A.**, Simons, L., Noel, M. (2023). Shifting the chronic pain paradigm: Addressing the urgent need to adopt a structural re-conceptualization of this rising public health epidemic. Division 54 Session, American Psychological Association Convention 2023, Washington DC.

2. Morris, T., **Mathur, V.A.**, Ma, P., Wells-Beede, E., Ni, Y. (2023). Gendered health inequalities in Texas: Contexts, policies, and solutions. Workshop, 101st Annual Meeting of the Southwestern Social Science Association, Fort Worth, TX.
3. Morris, T., **Mathur, V.A.** (2022). Women's expectations of and experiences with labor pain: A longitudinal study. 92nd Annual Meeting of the Eastern Sociological Society, Boston, MA.
4. *Boring, B.L., *Walsh, K.T., *Nanavaty, N., *Guzman, H., **Mathur, V.A.** (2021). *Shame mediates the relationship between pain invalidation and depression*. Virtual Meeting of the Society for Personality and Social Psychology, Health Preconference.
 - *Selected by the review committee to be featured as a data blitz talk
5. *Walsh, K.T., *Boring, B.L., *Nanavaty, N., *Guzman, H., **Mathur, V.A.** (2021). *The weight of invalidation: Experiences of pain invalidation from family and friends predicts internalized weight stigma*. Virtual Meeting of the Society for Personality and Social Psychology, Health Preconference.
 - *Selected by the review committee to be featured as a data blitz talk
6. **Mathur, V.A.**, (2020). *Race-based discrimination and inequity in pain*. In panel entitled *Examining the interface between race and pain from a justice perspective* focused on racial inequities and injustice in the modern pain context. Virtual Meeting of the American Psychosomatic Society *Pursuing Health Equity in the Context of COVID-19: The Essential Role of Psychosomatic Science*.
7. Morris, T., *Rowe, K., **Mathur, V.A.**, (2020). *It's All (Not) In Their Heads: Women's Expectations and Experiences with Labor Pain & Treatment*. Paper Presentation – Sex and Gender Roundtable, 114th Annual Meeting of the American Sociological Association, San Francisco, CA. (meeting cancelled due to the COVID-19 pandemic).
8. Morris, T., **Mathur, V.A.**, *McNamara, K. (2019). *Cultural conceptions of women's labor pain and labor pain management*. Paper Presentation, 114th Annual Meeting of the American Sociological Association, New York, NY.
9. **Mathur, V.A.** & *Nanavaty, N. (2019). *Pain experience and physiology among Latinx and White Americans*. Symposium Presentation in *Emerging perspectives on sociodemographic disparities in pain* session. 20th Annual Meeting of the Society for Personality and Social Psychology, Portland, OR.
10. Morris, T., **Mathur, V.A.**, *McNamara, K. (2018). *Stratification in perceptions and beliefs about women's labor pain and pain management*. Paper Presentation, Sociology of Reproduction Miniconference, Annual Meeting of the Eastern Sociological Society, Baltimore, MD.
11. **Mathur, V.A.** (2017). *Racial bias, discrimination, and disparities in pain*. Symposium Talk, Session: *Social Factors in Pain*, chair: Jennifer Crocker. 29th Association for Psychological Science Annual Convention, Boston, MA.
12. **Mathur, V.A.**, Quiton R.L. & Goodin, B.R. (2017). Co-organized Symposium: *Social determinants of pain disparities: community-, clinical-, and neuroimaging-level evidence*. Speaker, 36th Annual Scientific Meeting of the American Pain Society, Pittsburgh, PA.
13. **Mathur, V.A.**, Khan, S.A., Hubbard, C.S., Keaser, M.L., Goyal, M., Seminowicz, D.A. (2014). *Pain and cognitive neural processing in migraine and the influence of disease severity and pain catastrophizing*. Oral Presentation, Pain Imaging: From Neural Circuits to Perception Nanosymposium, 44th Annual Meeting of the Society for Neuroscience, Washington, DC.
14. Campbell, C.M., Buenaver, L., Christensen, B., Thaxton, L., Hand, M., **Mathur, V.**, Williams, K. (2014). *Pain and psychosocial aspects of individuals with Marfan Syndrome*. Oral Presentation, 9th International Symposium on Marfan Syndrome and Related Disorders, Paris, France.
15. **Mathur, V.A.** (2013). *Experience with discrimination is associated with increased pain-related neural response*. Oral Presentation, Clinical and Basic Science Data Blitz at the 32nd Annual Scientific Meeting of the American Pain Society, New Orleans, LA.
16. Cheon, B.K., Im, D., Harada, T., **Mathur, V.A.**, Scimeca, J., Park, H., Chiao, J.Y. (2010). *Minding their pain: Cultural variation in mentalizing region activity for the emotional pain of ingroup relative to outgroup members*. Symposium Presentation, 4th Annual Social and Affective Neuroscience Conference, Chicago, IL.
17. **Mathur, V.A.** (2010). *Effects of race on pain perception and empathy*. Oral Presentation, Chicago Psychology Graduate Student Research Symposium, Chicago, IL.
18. Chiao, J.Y. & **Mathur, V.A.** (2010). *Cultural neuroscience and environmental conservation: How does human diversity affect environmental sustainability?* Paper Presentation, KLI-IIASA Workshop on The Human Brain and the Social Bond: Exploring the Notion of Constrained Relativism. Vienna, Austria.
19. **Mathur, V.A.**, Harada, T., Chiao, J.Y. (2009). *Neural basis of intergroup empathy and altruistic motivation*. Oral Presentation, Emotion and Social Interaction Nanosymposium of the 39th Annual Meeting of the Society for Neuroscience, Chicago, IL.
20. Cheon, B.K., Im, D., Harada, T., **Mathur, V.A.**, Scimeca, J., Park, H., Chiao, J.Y. (2009). *Cultural variation in ingroup empathic neural response within the temporo-parietal junction*. Oral Presentation, Emotion and

Social Interaction Nanosymposium of the 39th Annual Meeting of the Society for Neuroscience, Chicago, IL.

21. Miller, K.K., Lawson, E., **Mathur, V.**, Wexler, T., Meenaghan, E., Misra, M., Herzog, D., Klibanski, A. (2007). *Androgens in women with anorexia nervosa and normal-weight women with hypothalamic amenorrhea*. Oral Presentation, 89th Annual Meeting of the Endocrine Society, Toronto, ON, Canada.
22. Utz, A.L., Lawson, E.A., Lee, E.E., **Mathur, V.A.**, Minihan, J.L., Misra, M., Herzog, D.B., Klibanski, A., Miller, K.K. (2006). *PYY predicts body mass index and bone mineral density in women with anorexia nervosa*. Oral Presentation, 88th Annual Meeting of the Endocrine Society, Boston, MA.

Posters

1. ***Boring, B.L.** & **Mathur, V.A.** (2023). *Daily fluctuations in feelings of state shame are associated with greater daily pain severity and interference*. 3rd Annual Meeting of the US Association for the Study of Pain (USASP), Durham, NC.
2. ***Boring, B.L.**, ****Richter, A.**, **Mathur, V.A.** (2022). *Higher self-perceived stress reactivity is associated with increased odds for the development of chronic pain*. 2nd Annual Meeting of the US Association for the Study of Pain (USASP), Cincinnati, OH.
— *Selected by the Psychosocial Factors and Interventions SIG for inclusion as a data blitz talk
3. ***Boring, B.L.**, ***Walsh, K.T.**, **Ng, B.W.**, **Mathur, V.A.** (2022). *Experiencing pain invalidation is associated with underreporting of pain by emerging adults in clinical settings*. Annual Meeting of the Society for Personality and Social Psychology, Health Preconference., San Francisco, CA.
4. ***Boring, B.L.** & **Mathur, V.A.** (2021). *Optimism is associated with lower pain interference among people with chronic pain*. 22nd Annual Meeting of the Society for Personality and Social Psychology.
5. ***Rassu, F.S.**, ****Luedke, J.C.**, **Mathur, V.A.**, Meagher, M.W. (2021). *Is Social Status Linked to Pain Sensitivity Responses for Latinx-Americans? The Role of Social Mobility*. Annual Rehabilitation Psychology Conference, virtual meeting.
6. ***Boring, B.L.**, ***Nanavaty, N.**, ***Walsh, K.T.**, ***Guzman, H.**, **Mathur, V.A.** (2020) *Daily, but not lifetime discrimination is associated with greater pain interference in those with chronic pain*. Inaugural meeting of the US Association for the Study of Pain (USASP).
7. ***Walsh, K.T.**, ***Nanavaty, N.**, ***Boring, B.L.**, ***Guzman, H.**, **Mathur, V.A.** (2020). *Discrimination experienced by Latinx American college students is associated with enhanced temporal summation of pain*. Inaugural meeting of the US Association for the Study of Pain (USASP).
8. ***Nanavaty, N.**, ***Boring, B.L.**, ***Walsh, K.T.**, **Mathur, V.A.** (2020). *Racial segregation in schools is associated with greater pain*. IASP 2020 World Congress on Pain, Amsterdam. (meeting cancelled due to the COVID-19 pandemic)
9. ***Boring, B.L.**, Hicks, J.A., ***Nanavaty, N.**, ***Walsh, K.T.**, **Mathur, V.A.** (2020). *Purpose in life is associated with a decreased risk of the development of chronic pain*. IASP 2020 World Congress on Pain, Amsterdam. (meeting cancelled due to the COVID-19 pandemic)
10. ***Rassu, F.S.**, ****Luedke, J.C.**, ***Nanavaty, N.**, **Mathur, V.A.**, Meagher, M.W. (2020). *Social status is linked to greater mechanical temporal summation of pain in Hispanic Americans*. IASP 2020 World Congress on Pain, Amsterdam. (meeting cancelled due to the COVID-19 pandemic)
11. ***Nanavaty, N.**, ***Boring, B.L.**, ***Walsh, K.T.**, **Mathur, V.A.** (2020). *Facets of discrimination and laboratory pain*. Next Generation Pain Therapeutics: from Basic Science to the Clinic conference, Houston, TX. (meeting cancelled due to the COVID-19 pandemic)
12. ***Boring, B.L.**, ***Nanavaty, N.**, ***Walsh, K.T.**, **Mathur, V.A.** (2020). *Subjective age predicts pain interference*. Next Generation Pain Therapeutics: from Basic Science to the Clinic conference, Houston, TX. (meeting cancelled due to the COVID 19 pandemic)
13. ***Walsh, K.T.**, ***Nanavaty, N.**, ***Boring, B.L.**, **Mathur, V.A.** (2020). *Experienced ostracism and pain sensitivity: A mini meta-analysis*. Next Generation Pain Therapeutics: from Basic Science to the Clinic conference, Houston, TX. (meeting cancelled due to the COVID-19 pandemic)
14. ***Boring, B.L.** & **Mathur, V.A.** (2020). *Social support quality predicts the experience of subclinical back pain*. 21st Annual Meeting of the Society for Personality and Social Psychology, New Orleans, LA.
15. ***Rassu, F.S.**, ***Nanavaty, N.**, **Mathur, V.A.**, Meagher, M.W. (2019). *Enhanced temporal summation of mechanical pain in Hispanic relative to non-Hispanic White adults*. American Psychological Association (APA) Annual Convention, Chicago, IL.
— *Recipient, APA Division 12 Clinical Psychology of Ethnic Minorities Student Research Award
16. ***Boring, B.L.**, ***Nanavaty, N.**, **Mathur, V.A.** (2019). *Subjective age is associated with temporal summation of mechanical pain*. Annual Scientific Meeting of the American Pain Society, Milwaukee, WI.
17. ***Nanavaty, N.**, ***Boring, B.L.**, **Mathur, V.A.** (2019). *Disparities in laboratory pain amongst Latinx- and White-Americans*. Annual Scientific Meeting of the American Pain Society, Milwaukee, WI.
18. **Mathur, V.A.** (2019). *Social mechanisms of psychophysical pain disparities*. Annual Scientific Meeting of the American Pain Society, Milwaukee, WI.

19. *Rassu, F.S., **Luedke, J.C., Turney, J., **Mathur, V.A.**, Meagher, M.W. (2019). *Enhanced suprathreshold heat pain sensitivity in healthy hispanic relative to non-hispanic white adults: a preliminary examination*. Annual Scientific Meeting of the American Pain Society, Milwaukee, WI.
20. Ng, B.W., *Nanavaty, N., **Mathur, V.A.** (2019). *How bad does my pain have to be?: Intergroup differences in the motivation to seek medical care*. 20th Annual Meeting of the Society for Personality and Social Psychology, Portland, OR.
21. *Kim, H., *Nanavaty, N., **Mathur, V.A.**, Anderson, B.A. (2018). *Neural correlates of attentional bias following aversive conditioning: Evidence for valence-independent mechanisms of priority*. The Object Perception, Attention, and Memory (OPAM) conference, New Orleans, LA.
22. *Carter, J.E., *Nanavaty, N., **Hernandez, B., Ng, B.W., **Mathur, V.A.**, Carter-Sowell, A.R. (2018). *Developing a therapy model to improve pathways to the professoriate for underrepresented minority (URM) identified graduate students in STEM fields*. Alliance for Graduate Education and the Professoriate (AGEP) National Research Conference, Berkeley, CA.
23. Ng, B.W., **Cline, M.B., **Hayes, J.E., **Mathur, V.A.** (2018). *How much pain do you really feel? Intergroup differences in pain perception among Hispanic/Latinx Americans and White Americans*. American Pain Society Scientific Summit, Anaheim, CA.
24. *Kim, H., *Nanavaty, N., **Mathur, V.A.**, Anderson, B.A. (2018). *Neural mechanisms of attentional bias following aversive conditioning*. Annual Meeting of the Vision Sciences Society, St. Pete Beach, FL.
25. *Nanavaty, N., **Bannwart, L., **Mathur, V.A.** (2018). *Behavioral threat-avoidance is associated lower heat-pain thresholds in healthy volunteers*. American Pain Society Scientific Summit, Anaheim, CA.
26. **Mathur, V.A.**, **Peoples, S., **Nair, M., *Nanavaty, N. (2018) *Gender differences in the relationship between subjective socioeconomic status and laboratory pain*. American Pain Society Scientific Summit, Anaheim, CA.
27. **Adams, M., **Nair, M., *Carter, J., **Haley, M., *Nanavaty, N., Carter-Sowell, A., **Mathur, V.A.** (2017). *Lifetime experiences of ostracism are associated with psychophysical pain facilitation*. 18th Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX.
28. *Carter, J., **Nair, M., **Adams, M., Carter-Sowell, A., **Mathur, V.A.** (2017). *Threat-based discrimination is associated with temporal summation of mechanical pain*. 18th Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX.
29. Speed, T.J., **Mathur, V.A.**, Christensen, B., Williams, K., Sponseller, P., Campbell, C.M. (2016). *Characterization of Pain, Disability, and Psychological Burden in Marfan Syndrome*. 35th Annual Scientific Meeting of the American Pain Society, Austin, TX.
30. **Mathur, V.A.**, Burrowes, S.A.B., Keaser, M.L., Khan, S.A., Goyal, M., Seminowicz, D.A. (2015). *Changes in pain-related brain activity following a mindfulness meditation intervention in chronic migraine are associated with reduced anxiety*. Pain Imaging and Perception, 45th Annual Meeting of the Society for Neuroscience, Chicago, IL.
31. **Mathur, V.A.**, *Boyd, E.L., Quiton, R.L. (2015). *Optimism is associated with decreased bilateral anterior insula activity during a conditioned pain modulation paradigm*. 34th Annual Scientific Meeting of the American Pain Society, Palm Springs, CA.
32. **Mathur, V.A.**, Haywood Jr., C., Bediako, S., Edwards, R.R., Campbell, C.M., Haythornthwaite, J.A. (2014). *Discrimination in health care settings is associated with greater clinical and laboratory pain in sickle cell disease*. 33rd Annual Scientific Meeting of the American Pain Society, Tampa, FL.
33. **Mathur, V.A.**, Bond, K., Carroll, C.P., Finan, P., Edwards, R.R., Haythornthwaite, J.A., Campbell, C.M. (2014). *Situational, dispositional and disease-specific catastrophizing in sickle cell disease*. 33rd Annual Scientific Meeting of the American Pain Society, Tampa, FL.
34. Campbell, C.M., Tompkins, D.A., **Mathur, V.A.**, Schoeck, O., McCauley, L., Swedberg, L., Edwards, R.R., Smith, M., Haythornthwaite, J.A. (2014). *Ethnic differences in Interleukin 6 and Neuropeptide Y response to capsaicin in healthy participants*. 33rd Annual Scientific Meeting of the American Pain Society, Tampa, FL.
35. Bediako, S., **Mathur, V.A.**, Haythornthwaite, J.A., Campbell, C.M. (2014). *Ethnic identity attitudes and pain sensitivity in sickle cell disease*. 33rd Annual Scientific Meeting of the American Pain Society, Tampa, FL.
36. Carroll, C.P., Campbell, C.M., Finan, P., **Mathur, V.A.**, Edwards, R.R., Lanzkron, S., Haythornthwaite, J.A. (2014). *Recent opioid use is specifically associated with greater thermal temporal summation in sickle cell disease patients*. 33rd Annual Scientific Meeting of the American Pain Society, Tampa, FL.
37. **Mathur, V.A.** & Paice, J. (2013). *Racial differences in neural response to the acute pain of other people*. 32nd Annual Scientific Meeting of the American Pain Society, New Orleans, LA.
38. **Mathur, V.A.**, Paice, J., Chiao, J.Y. (2012). *Differential racial biases in pain perception and empathy when utilizing explicit versus implicit measures*. 14th World Congress on Pain, Milan, Italy.

39. **Mathur, V.A.**, Paice, J., Chiao, J.Y. (2012). *Independent effects of perceiver race on pain perception and empathy*. 31st Annual Scientific Meeting of the American Pain Society, Honolulu, HI.
40. **Mathur, V.A.**, Harada, T., Chiao, J.Y. (2011). *Racial identification modulates default network activity for same- and other-races*. 18th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
41. **Mathur, V.A.**, Paice, J., Chiao, J.Y. (2011). *Racial prejudice predicts an own-race bias in pain perception*. 12th Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX.
42. **Mathur, V.A.**, Harada, T., Chiao, J.Y. (2010). *Ethnic identification associated with default network activity when perceiving ethnic in-group members*. 4th Annual Social and Affective Neuroscience Conference, Chicago, IL.
43. **Mathur, V.A.**, Paice, J., Chiao, J.Y. (2010). *Race affects sensitivity to the pain of other people*. 33rd Annual Scientific Meeting of the Midwest Pain Society, Chicago, IL.
44. **Mathur, V.A.**, Paice, J., Chiao, J.Y. (2010). *The effects of implicit racial priming on the relationship between trust and empathy for pain*. 29th Annual Scientific Meeting of the American Pain Society, Baltimore, MD.
45. **Mathur, V.A.**, Harada, T., Cheon, B.K., Scimeca, J., & Chiao, J.Y. (2009). *Empathic neural response to living things as a function of agency and experience*. 16th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
46. **Mathur, V.A.**, **Green, E.A.**, Chiao, J.Y. (2009). *The influence of religious beliefs on empathy*. 10th Annual Meeting of the Society for Personality and Social Psychology, Psychology of Religion & Spirituality Preconference, Tampa, FL.
47. Cheon, B.K., Im, D., Harada, T., **Mathur, V.A.**, Scimeca, J., Park, H., Chiao, J.Y. (2009). *Universal and culturally specific neural basis of ingroup bias in empathy*. 16th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
48. Cheon, B.K., Im, D., Harada, T., Kim, J., **Mathur, V.A.**, Scimeca, J., Park, H., Chiao, J.Y. (2009). *Cultural variation in empathic neural response to ingroup and outgroup members*. 10th Annual Meeting of the Society for Personality and Social Psychology, Culture Preconference, Tampa, FL.
49. **Mathur, V.A.**, Harada, T., Lipke, T., Chiao, J.Y. (2008). *Anterior cingulate cortex activation predicts degree of same-race bias in empathic response to perceived pain*. 2nd Annual Social & Affective Neuroscience Conference, Boston, MA.
50. **Wojcik, M.**, Miller, K.K., Lawson, E.A., Meenaghan, E., **Mathur, V.**, Rosenblum, L., Misra, M., Herzog, D., Klibanski, A. (2008). *Protective effects of prior obesity on bone mass in anorexia nervosa*. 90th Annual Meeting of the Endocrine Society, San Francisco, CA.
51. Lawson, E.A., Miller, K.K., **Mathur, V.A.**, Lee E.E., Misra, M., Grinspoon, S., Herzog, D.B., Klibanski, A. (2006). *Cardiovascular risk markers in anorexia nervosa*. 88th Annual Meeting of the Endocrine Society, Boston, MA.

TEACHING

CLASSROOM INSTRUCTION

Interests

Interdisciplinary: Pain, Health Disparities, Diversity Science

Psychology: Research Methods, Health Psychology, Physiological Psychology, Cultural Psychology

Neuroscience: Social Neuroscience, Cultural Neuroscience, Cognitive and Affective Neuroscience

Experience

Texas A&M University

Research Methods and Design in Psychology (PBSI 302)

Health Psychology and Behavioral Medicine (PBSI/NRSC 360)

Health Psychology of Disparities (PBSI 689)

Team-Taught Course: Principals of Neuroscience II (NRSC 602/BIOL 682)

Undergraduate Research (NRSC/PBSI 485/491)

Graduate Research (PBSI 685/691)

Northwestern University

Research Methods in Psychology (Psych 205)

Health Psychology (Psych 314)

Teaching Assistant: Statistical Methods (Psych 201), Research Methods (Psych 205), Personality Psychology (Psych 215), Introduction to Schools of Psychotherapy (Psych 314), Psychology of Gender (Psych 339), Cultural Psychology (Psych 344)

Guest Lectures

- 2022 *Solutions, strategies, and reflections for a more equitable and diverse social science*, Equity & Diversity Considerations for Scholars: A Critical Orientation to Research (PBSI 689), Texas A&M University
- 2021 *Pain discrimination and disparities in humans*, Neuroscience Overview (PSYC 101), Texas A&M University
- 2019 *Undergraduate research in social neuroscience and pain*, First Year Experience (PSYC 289), Texas A&M University
- 2018 *Social neuroscience of intergroup empathy*, Advanced Seminar in Social Neuroscience, University of Arkansas
- 2018 *Physiological and implicit methods*, Research Methods (PSYC 302), Texas A&M University
- 2016 *An interdisciplinary approach to pain disparities*, First Year Graduate Seminar, Texas A&M University
- 2014 *Social neuroscience of pain*, Topics in Behavioral Medicine Graduate Seminar, University of Maryland, Baltimore County.
- 2010 *Mentoring*, Searle Center for Teaching Excellence, Northwestern University
- 2008 *The neural substrates of empathy*, Introduction to Schools of Psychotherapy, Northwestern University

Certifications and Formal Training

- 2015 Creating a Mentoring Culture, Faculty Teaching Academy, The Dean of Faculties Office & The Center for Teaching Excellence, Texas A&M University
- 2012 Graduate Teaching Certificate, Northwestern University Searle Center for Teaching Excellence (Certificate Program: Sept. 2009 – June 2012)
- 2010 Certificate in the Teaching of Psychology, Northwestern University, Psychology Department (Certificate Program: Sept. 2009 – June 2010)
- 2009 Making the Most of Mentoring, Northwestern University Searle Center for Teaching Excellence
- 2009 Working with Student Writing, Northwestern University Searle Center for Teaching Excellence
- 2007 Teaching Assistant Conference, Northwestern University Searle Center for Teaching Excellence

MENTORING

Postdoctoral Fellows

Brandon W. Ng, PhD – 2017- 19

*Connaught Summer Institute in Pain scholarship – 2019

Graduate Trainees

Primary Advisor/Chair

Current:

Brandon L. Boring, MA – Texas A&M University (Social & Personality Psychology) – currently in 6th year

*U.S. Senator Phil Gramm Fellowship Award – 2023

*Runner-up, United States Association for the Study of Pain's G.F. Gebhart Journal of Pain Young Investigator Award – 2023

*January USASP Trainee Spotlight – 2023

*College of Liberal Arts Summer Dissertation Fellowship – 2022

*Selected by the Psychosocial Factors and Interventions SIG for inclusion as a data blitz talk at the 2022 USASP meeting

*USASP Young Investigator Travel Award - 2022

*Selected by the Social and Personality Psychology Health Network (SPHN) to present a featured data blitz talk at the 2021 SPSP Health Preconference

*Society for Personality and Social Psychology Annual Convention Travel Award – 2021

*American Pain Society Young Investigator Travel Award – 2019

Klarissa Lopez – Texas A&M University (Social & Personality Psychology) – currently in 1st year

Graduates:

Namrata Nanavaty, PhD – Texas A&M University (Clinical Psychology) – 2022

*Psychology Fellow, Department of Behavioral Health, Houston Methodist – 2022

*Clinical Internship at the Houston VA Medical Center - 2021

*National Science Foundation Graduate Research Fellowship Program (NSF GRFP) Fellow – 2017-20

*Texas A&M University Graduate Diversity Fellowship in Psychology – 2016-21

*Division 12 Section VI Student Research Award, American Psychological Association (APA) Annual Meeting – 2019

*American Pain Society Young Investigator Travel Award – 2018

*Graduate Student Research Competition Award, NSF AGEP National Conference – 2018

*Distinguished Research Poster, 25th Annual ARMADILLO Cognition & Cognitive Neuroscience Southwest Regional Conference at Texas A&M – 2017

*Lechner Scholar, Lechner Graduate Grant, College of Liberal Arts, Texas A&M University – 2016

Kaitlyn T. Walsh, MS – Texas A&M University (Social & Personality Psychology) – 2022

* Selected by the Social and Personality Psychology Health Network (SPHN) to present a featured data blitz talk at the 2021 SPSP Health Preconference

*2020 Best 2nd Year Poster Award, 3rd place, from the Department of Psychological and Brain Sciences

Committee Member

Current:

Caitlyn Maye – Texas A&M University (Clinical Psychology)

Yue Zhang – Texas A&M University (Landscape Architecture & Urban Planning)

Hanan Guzman – Texas A&M University (Cognition & Cognitive Neuroscience)

-Elizabeth A. Qualls '89 Endowed Fellowship - 2022

Emily Johnson Raibley – Texas A&M University (Social & Personality Psychology)

Darby Salge – Texas A&M University (Educational Psychology, School Psychology)

Rebecca Ward – Texas A&M University (Social & Personality Psychology)

Dun-Ya Hu – Texas A&M University (Cognition & Cognitive Neuroscience)

Percy Gresham – Texas A&M University (Social & Personality Psychology)

Graduates:

Katarina AuBuchon, PhD - The George Washington University (Applied Social Psychology) – 2023

Jaren Crist, PhD – Texas A&M University (Social & Personality Psychology) – 2023

Tiffany George, PhD – Texas A&M University (Social & Personality Psychology) – 2023

Trang (Megan) Nguyen, PhD – Texas A&M University (Educational Psychology, Learning Sciences) – 2023

Haena (Hannah) Kim, PhD – Texas A&M University (Cognition & Cognitive Neuroscience) – 2022

Terence Penn, PhD – University of Alabama at Birmingham (Clinical Psychology) – 2022

Hua-qing Wang, PhD – Texas A&M University (Urban and Regional Sciences) – 2021

Kyle Dickey, PhD – Texas A&M University (Social & Personality Psychology) – 2020

Fenan Rassu, PhD – Texas A&M University (Clinical Psychology) – 2020

Angus David Clark, PhD – Texas A&M University (Social & Personality Psychology) – 2018

Hans Linsenhardt, PhD – Texas A&M University (Neuroscience) – 2018

Carla Zimmerman, PhD – Texas A&M University (Social & Personality Psychology) – 2017

Matthew Nye, MS – Texas A&M University (Neuroscience) – 2016

Non-committee Mentoring:

Jane EM Carter, PhD – Texas A&M University (Clinical Psychology) – 2017

Eryka Boyd, PhD – University of Maryland, Baltimore County (Clinical Psychology) – 2018

Hanggi Lee, RN, MPH – Texas A&M University (Public Health, Epidemiology) - 2018

Undergraduate and Postgraduate Trainees

Texas A&M University (n=75)

Dipesh Balakrishnan (2023-)

Montae Bermudez (2019-)

Jenna Bowdich (2023-)

Christopher Bui (2022-)

Abdullah Cheema (2022-)

Nick De Oliveira (2023-)

Kristion Kennerson (2023-)

Jaya Koka (2023-)

Yousuf Mir (2023-)

Izabelle Regnier (2023-)

Alondra Villegas-Avila (2023-)

Anna Willits (2023-)

DeArse Howard (2022-23)

Kamryn (Kiki) Salsedo (2022-23)

Katherine Jaffe (2022)

Lennon Lemay (2022)

Myriam Moreno (2022)

Rose Joseph (2021-22)

Tammy Ly (2019-20; 2022)

Katie-Beth Craig (2020-21)

Briana Mitchell (2020-21)

Alida Demeter (2019-21)

Paul Forks (2019-21)

Avery Nennmann (2019-21)

Jamie Nguyen (2019-20; 2021)

Aketch Osamba (2020-21)

Nathan Ramsey (2019-21)

Alison Richter (2020-21)

Cassidy Seale (2018-21)

Zachary Skrehot (2019-21)

Priscilla Abraham (2019-20)

Marguerite Anderson (2017-20)

Madison Aycock (2019-20)

Grant Barkelew (2019-20)

Chase Bruckner (2019-20)

Kaylee Buchanan (2019-20)

Jonathan Glenn (2019-20)

Karen Kaur (2019-20)

David Morgado (2019-20)

Donovan Taylor (2020)
 Sanya Varma (2018-20)
 Claire Anderson (2019)
 Kyisha Butcher (2018-19)
 Karina Cabrera (2018-19)
 Leslie Chaffin (2018-19)
 Madison Cortez (2017-19)
 Meredith Gary (2017-19)
 Xochitl Fuentes (2019)
 Nevita George (2017-19)
 Travis Hyatt (2018-19)
 Catherine Kuykendall (2019)

Jamie Loasby (2019)
 Taylor Medina (2019)
 Evan Nault (2019)
 Ria Rao (2018-19)
 Scott Shi (2019)
 Evelyn Stewart-Johnson (2018-19)
 Fallon Wenck (2018-19)
 Melinda Hale (2018)
 Hannah Lewer (2018)
 Matthew Cline (2016-18)
 Sarah Peoples (2016-18)
 Darby Salge (2018)

Humza Ahmed (2016-2018)
 Jordan Hayes (2017-18)
 Megan Marsico (2017-18)
 Breanna Hernandez (2017-18)
 James Connor Price (2017)
 Rahul Sirigiri (2016-17)
 Lane Bannwart (2016-17)
 Mollie Adams (2015-17)
 Magdalena Banda (2016)
 Meron Haley (2016)
 Mitra Nair (2015-16)
 Jennifer Van Horn (2016)

Northwestern University (n=2)

Michael Muzyka (2011-12)

Warda Saeed (2011-12)

Massachusetts General Hospital (n=5)

Noah Merhar, OD (2007)

Thomas Dohman, MD (2006-07)

Monica Wojcik, MD (2005-07)

Melissa Goldin Evans, PhD (2006)

Alexis Malcom, FNP-BC (2005)

High School Student

Ranait O'Connor (2007-09), Illinois Math and Science High School Academy (IMSA)

Mentoring Programs

APA Summer Undergraduate Research Opportunity Program at Texas A&M University, 2016

Northwestern University Psychology Resources and Information Supporting Minorities (PRISM), 2011

SERVICE

PROFESSIONAL SERVICE

Editorial Service

Editorial Board

The Journal of Pain, 2021-2025

Guest Editor (invited)

Health Psychology, Special Issue on Pain Disparities, 2023

Ad Hoc Reviewer

Annals of Behavioral Medicine

American Psychologist

Behavior Research Methods

Biological Psychology

Brain Research

Clinical Journal of Pain

Cultural Diversity & Ethnic Minority Psychology

Current Biology

Ethnicity & Health

Human Brain Mapping

Journal of Applied Biobehavioral Research

Journal of Behavioral Medicine

Journal of Cognitive Neuroscience

Journal of Cross-Cultural Psychology

Journal of Experimental Psychology: General

The Journal of Pain

Journal of Personality and Social Psychology (JPSP)

Neuroimage

Neuropsychology

Nursing Outlook

PAIN

Pain Medicine

Pain Reports

PLOS One

Proceedings of the National Academy of Sciences (PNAS)

Progress in Brain Research

Psychological Science

Social Cognitive & Affective Neuroscience (SCAN)

Social Service Review

Social Psychological and Personality Science (SPPS)

National Service and Service to the Field

- 2024 Panelist, NIH Workshop on *Advancing Health Equity in Pain Management through Community Engagement, Multi-level Interventions, and Research Collaborations*
- Expected to result in a white paper to disseminate workshop findings & toolkit on developing multi-level pain interventions
- 2020-Present Member, Anti-Racism Coalition in Pain Research (ACTION-PR), aka the *Pain Justice League*
- Development of shared commitments, publication of anti-racism series in pain research
 - Development of recommendations for journal review guidelines to improve inclusion, generalizability, and transparency
- 2022-Present Member, Inclusion, Diversity, Equity, Accessibility, and Antiracism (IDEAA) committee
- Collaboration between ACTION-PR and the Journal of Pain
 - Implementation of recommendations for journal review guidelines to improve inclusion, generalizability, and transparency at the Journal of Pain

US Association for the Study of Pain (USASP)

- 2019-2020 Founding member
Organizing/planning committee
Representative for pain disparities research

American Pain Society (APS)

- 2017-2019 Chair, Pain and Disparities Shared Interest Group (SIG)
- Elected chair for the final 2 years of my 8 years of service in elected positions on this committee.
 - **Leadership and impact** on the field of pain + efforts to address pain disparities and advance pain equity.
 - Our work resulted in a publication in press: *Making pain research more inclusive: Why and how.*
- 2017-2019 Judge, Early Career Poster Award
- 2014-2019 Board Member, Early Career Advisory Group
- 2017-2018 Liason, Early Career Advisory Group representative to the SIG Chairs Committee
- 2016-2017 Vice Chair, Pain and Disparities SIG
- 2012-2016 Secretary, Pain and Disparities SIG
- 2015 Consultant, Early Career Forum Planning Committee

Society for Personality and Social Psychology (SPSP)

- 2011 Reviewer, Student Poster Awards

Grant Reviews

- 2021 NIH Special Emphasis Panel to review applications for NIMHD Understanding and Addressing the Impact of Structural Racism and Discrimination on Minority Health and Health Disparities (R01 Clinical Trial Optional), November 15-17
- 2018 NIH Special Emphasis Panel/Scientific Review Group 2018/08 ZRG1 ETTN-U (81) S, Pain Research and Management, May 17
- 2016 Sam Houston State University Office of Research and Sponsored Programs, external reviewer for internal research grant (Enhancing Research Grant)

University Service

Texas A&M Human Imaging Facility

- 2022 Member, Scientific Advisory Board

Texas A&M Division of Research

- 2017 Reviewer, PESCA Grant

Texas A&M Excellence Uniting Culture, Education, and Leadership (ExCEL) Student Success Program

- 2018 Speaker, New Student Workshop on Biopsychosocial Health

Texas A&M University Institute for Neuroscience (TAMIN)

- 2018 Fellowship Nominator, Graduate Recruiting Committee
- 2016-2018 Member, Graduate Recruiting Committee
- 2016, 2017 Judge, TAMIN Society for Neuroscience (SfN) Chapter Poster Session

Departmental Service

Texas A&M University, Department of Psychological and Brain Sciences

2023 302 (Research Methods) Assessment Task Force
 2022-23 Convenor, Diversity Science Research Cluster
 2021-23 Member, Diversity, Equity, & Inclusion Committee
 2017-21 Member, Diversity & Inclusion Committee
 2020 Coordinator, Social & Personality Psychology Area Brownbag
 2019-20 Member, Faculty Search Committee
 2019-20 Member, Subcommittee on departmental human subjects and payment procedures
 2017 Development of new building lab space recommendations, human subjects research representative
 2016 Member, Spinal Cord Faculty Search, Psychology Subcommittee
 2016 Member, Search Committee (R. Smith lab, research technician)
 2015 Member, Diversity Sciences Search Committee

Northwestern University

2010-11 Panelist, New Psychology TA Workshop
 2008-09 Co-organizer, Neuroeconomics Journal Club
 2008 Organizer, Social, Cultural and Affective Neuroscience Journal Club

Community Collaborations

2023-present Co-Founder, Community Pain Network

Membership in Professional Societies

US Association for the Study of Pain (USASP)	International Association for the Study of Pain (IASP)
American Psychological Association (APA)	Society for Personality and Social Psychology (SPSP)
Society for Neuroscience (SfN)	Society for Psychological Study of Social Issues (SPSSI)

Training and Career Development (selected)

2019 STRIDE Training – Strategies and Tactics for Recruiting to Improve Diversity and Excellence
 2019 Green Dot Training – Bystander intervention training
 2019 Step In Stand Up Workshop – How to support survivors of trauma
 2019 Aggie Ally – Completed training to provide support and safe space for LGBTQ students
 2018 National Center for Faculty Development & Diversity (NCFDD) Faculty Success Program
 2016 Fundamentals of Pain Management: An Interdisciplinary Primer, American Pain Society
 2015 Search Committee Training, The Dean of Faculties Office, Texas A&M University