

CURRICULUM VITAE

Vani A. Mathur

ACADEMIC APPOINTMENT

- 2015-present Assistant Professor of Diversity Science and Well-Being
Core Faculty, Diversity Science Cluster & Social and Personality Area
Affiliate, Cognitive and Cognitive Neuroscience Area
Department of Psychological and Brain Sciences
Texas A&M University
- 2015-present Training Faculty, Institute for Neuroscience (TAMIN), Texas A&M University
- 2018-present Faculty Fellow, Center for Health Systems & Design (CHSD), Texas A&M University
- 2019-present Faculty Affiliate, Center for Population Health and Aging (CPHA), Texas A&M University

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

EDITORIAL POSITION

- 2021-2025 Editorial Board, *The Journal of Pain*

HONORS, AWARDS & FELLOWSHIPS

- 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 Semi-finalist, APA Jeffrey S. Tanaka Memorial Dissertation Award in Psychology
- 2013 NIH Health Disparities LRP
- 2012 Interdisciplinary Biobehavioral Pain Research Fellowship, Johns Hopkins University
- 2012 American Pain Society Pain & Disparities Shared Interest Group Young Investigator Award
- 2012 Northwestern University Graduate School Career Development Award
- 2010 Philip Brickman Endowment Fellowship, Northwestern University
- 2009 Society, Biology, and Health Cluster Fellowship, Northwestern University
- 2007 Northwestern University Graduate School Research Fellowship
- 2006 Women's Health Research Award, Massachusetts General Hospital

INVITED TALKS & ADDRESSES

Health disparities in pain and relationships to social and psychological factors. (scheduled for: July 14, 2022). Invited speaker, NIH Pain Seminar Series.

- The NIH Pain Seminar Series features presentations by ***national leaders in the field of pain***. (<https://www.nccih.nih.gov/news/events/pain-seminar>)

Discrimination as a social determinant of pain. (May 24, 2021). 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*.

- My contributions to and ***impact on the field*** of pain disparities is evidenced by this invitation. The Pain Consortium coordinates efforts across all institutes and centers at NIH to promote pain research and accelerate the impact of pain research on national health including advocacy and impacts on policy. A portion of the invitation is quoted below:
 - “Your vast knowledge and expertise in the research areas of racial discrimination on the experience of pain, sociocultural disparities, and social determinants of psychophysiological pain disparities .. is the ideal fit for our symposium and we would greatly benefit from your participation.”

Race-based discrimination and inequity in pain. (December 3, 2020). 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*.

Cultural conceptions of women’s labor pain. (September 4, 2020). The Jose Miguel Cimadevilla Memorial Seminar Series, St. Mary’s University, San Antonio, TX (via zoom).

- Part of the Maximizing Access to Research Careers (MARC) Undergraduate Student Training in Academic Research (U*STAR) program dedicated to providing students from underrepresented backgrounds with high impact research experiences and mentorship.

Combating multiple levels of suffering: Sociocultural and social neuroscientific approaches to pain disparities (February 15, 2018). Diversity Science: Emerging Perspectives in Psychology conference, University of Arkansas, Fayetteville, AK.

Sociocultural modulation of neurobiological pain and empathic processes. (September 26, 2014). Transdisciplinary symposium. University of Colorado-Denver, Denver, CO.

Effects of migraine on the brain. (February 7, 2014). Blaustein Multidisciplinary Pain Conference, Johns Hopkins Hospital, Baltimore, MD.

Sociodemographic differences in pain. (March 22, 2013). Blaustein Multidisciplinary Pain Conference, Johns Hopkins Hospital, Baltimore, MD.

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

Texas A&M Presidential Clinical Research Partnership (PCRP) Grant
Improving Maternal Health Equity and Decreasing Racial Disparities through Transdisciplinary Research and Collaborating in the Brazos Valley

Role: Multi-PI along with Theresa Morris (TAMU Sociology), Ping Ma (TAMU Public Health), Elizabeth Wells-Beede (TAMU Nursing) and Hector Chapa (CHI St. Joseph Hospital)
2020-2022

National Institute on Drug Abuse (NIDA) R01
Components of Selection History and the Control of Attention

02/01/19-12/31/23

Role: Co-Investigator (PI: Brian Anderson, TAMU Psychology)

Texas A&M T3 Triads for Transformation

Programmable Surroundings: Their Impact On Human Behavior, Cognition, And Health

Role: Co-Principal Investigator along with Kiju Lee (TAMU Engineering) and Forster Ndubisi (TAMU Architecture)

2021-2023

Pending

National Cancer Institute (NCI) R21

Aversive Information Processing Biases in Nicotine Dependence

Role: Co-Investigator (PI: Brian Anderson, TAMU Psychology)

Under Review

National Academy of Sciences, Engineering, and Medicine

Nature-based therapy: A socioecological and RE-AIM approach to treating disaster-related PTSD in flood-vulnerable communities

Role: Co-Investigator (PI: Dongying Li, TAMU Landscape Architecture and Urban Planning)

Completed

College of Liberal Arts Summer Research Grant Program

Experiences of Pregnancy Pain Invalidation

Role: Principal Investigator

06/10/21-08/31/21

National Science Foundation (NSF)

Collaborative Research: The Texas A&M System AGEP Alliance: A Model to Advance Historically Underrepresented Minorities in the STEM Professoriate (AGEP TxARM)

09/01/17-8/31/21

Role: Co-Investigator (PI: Karen Butler-Purry, TAMU Engineering)

APS Future Leaders in Pain Research Grant

Social mechanisms of psychophysical pain disparities

10/01/17-08/15/19

Role: Principal Investigator

- This was the top early investigator award/grant offered by the (then) premier national pain society.

Texas A&M Division of Research PESCA Grant

Neural Mechanisms of Attention to Pain Cues

05/01/17-4/30/18

Role: Co-Principal Investigator along with Brian Anderson (TAMU Psychology)

- This funded the first study (Kim et al., 2021) in an ongoing **collaboration** at the intersection of our respective expertise examining attention to pain.

Texas A&M Liberal Arts Social Science Consortium Proof of Concept Grant (\$4,000)

Disparities in Labor Pain and Pain Management

05/17-5/18

Role: Co-Principal Investigator along with Theresa Morris (TAMU Sociology)

- This first grant supported the first studies (Mathur et al., 2020) of this ongoing **interdisciplinary collaboration**. Results of this study provided the foundation for the current PCRP grant.

National Institutes of Health Ruth L. Kirschstein National Research Service Award T32

Program Directors: Gayle G. Page, RN, DNSc & Jennifer A. Haythornthwaite, Ph.D.

07/09/12-07/09/14

Role: Post-doctoral Trainee

National Institute of Neurological Disorders and Stroke (NINDS) 1R21NS074017-01A1

Racial disparities in pain experience: Neuroimaging and behavioral investigations

07/07/11-04/30/13

Role: Co-Investigator (PI: Joan Chiao)

Northwestern University Graduate Research Grant

2012

Role: Principal Investigator

Midwest Pain Society Robert G. Addison and E. Richard Blonsky Research Grant

2010-2012

Role: Principal Investigator

Mentorship and Student Focused Grants

2017-2020 National Science Foundation Graduate Research Fellowships Program (NSF GRFP) Fellow

Graduate Mentee: *Namrata Nanavaty

Role: Primary Mentor

- At the time, this was the only NSF GRFP in our department. This was my first PhD student, and also noteworthy as these grants are rarely awarded to clinical psychology students.

2021 Society for Personality and Social Psychology Annual Convention Travel Award

Graduate Mentee: Brandon Boring

2020 International Association for the Study of Pain Travel Award for the World Congress on Pain

Graduate Mentee: *Namrata Nanavaty

2019 American Pain Society Young Investigator Travel Award

Graduate Mentee: Brandon Boring, in support for his Poster Presentation at the American Pain Society Annual Meeting

2018 American Pain Society Young Investigator Travel Award

Graduate Mentee: *Namrata Nanavaty, in support for her Poster Presentation at the American Pain Society Scientific Summit

2017 George Bush Presidential Library Foundation Undergraduate Student Travel Grant

Undergraduate Mentee: **Mollie Adams, in support of her Poster Presentation at the Annual Meeting of the Society for Personality and Social Psychology (SPSP)

2016 Innovative Graduate Student Recruitment Grant

Promoting the recruitment, retention, and success of graduate students from diverse backgrounds

Texas A&M University Office of Graduate and Professional Studies

01/08/16-8/31/16

Role: Collaboration with Sherecce Fields, Rachel Smallman, Jessica Bernard, Joseph Orr

Not Funded:

2019 National Science Foundation Graduate Research Fellowships Program (NSF GRFP) Fellow

Graduate Mentee: *Kaitlyn Walsh

Role: Primary Mentor

2016 Ford Foundation Predoctoral Fellowship

Primary Mentor for: *Namrata Nanavaty

PUBLICATIONS

Peer Reviewed Journal Articles

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

- I prioritize student first-authorship when possible/appropriate. Consistent with field standards, papers where one of my students is the first author and I am last/senior author reflect studies conducted in my laboratory, under my direction, supervision, and mentorship.

- I also value collaboration. Recent collaborations with peers across the field reflect team-based science. 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.**, Trost, Z., Ezenwa, M., Sturgeon, J.A., Hood, A. (in press). Mechanisms of injustice: What we (don't) know about racialized disparities in pain. *PAIN*.
 2. Janevic, M., **Mathur, V.A.**, Booker, S.Q., Morais, C., Meints, S., Yeager, K.A., Meghani, S.H. (in press) Making pain research more inclusive: Why and how. *Journal of Pain*.
 3. ***Boring, B.L.**, ***Maffly-Kipp, J.**, **Mathur, V.A.**, Hicks, J.A. (in press). The differential effect of coherence, purpose, and mattering on pain severity and the development of chronic pain. *Journal of Pain Research*.
 4. **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.
 5. ***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.
 6. ***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.
 7. ***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.
 8. **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.
 9. ***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.
 10. **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.
 11. 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.
 12. **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.
 13. **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. *Journal of Pain*, 17(11), 1227-1236.
 14. **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.
 15. 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.

16. **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.
17. **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.
18. **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. *Journal of Pain*, 15(5), 476–484.
19. 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).
20. 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.
21. 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.
22. **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.
23. 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.
24. 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.
25. Chiao, J.Y. & **Mathur, V.A.** (2010). Intergroup empathy: How does race affect empathic neural responses? *Current Biology*, 20(11): R478-R480.
26. **Mathur, V.A.**, Harada, T., Lipke, T., Chiao, J.Y. (2010). Neural basis of extraordinary empathy and altruistic motivation. *NeuroImage*, 51(4): 1468-1475.
27. 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.
28. 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.
29. 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.

Peer Reviewed Chapters

30. *Guthrie, D., *Boring, B.L., *Maffly-Kipp, J., **Mathur, V.A.**, Hicks, J.A. (2021). The experience of meaning in life in the context of pain-related disability. In Wehmeyer, M.L. & Dunn, D.S. (Eds.) *Understanding Disability: The Positive Psychology of Personal Factors*. (Ch. 10). Lanham, MD: Lexington Books.
31. 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.

32. Chiao, J.Y., Blizinsky, K.D., **Mathur, V.A.**, Cheon, B.K. (2011). 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

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

Manuscripts Under Review

- 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. Confronting racism in all forms of pain research: Reframing study designs. *Journal of Pain*. (R&R)
– As part of a large collaborative effort including many leaders in pain disparities research, this is a three-paper series advocating for anti-racist pain research. All authors contributed to the writing of all three papers. My most significant contributions were to this paper on study designs.
- 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. Confronting racism in all forms of pain research: A call to action. *Journal of Pain*. (R&R)
- 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. Confronting racism in all forms of pain research: A shared commitment for engagement, diversity, and dissemination. *Journal of Pain*. (R&R)

CONFERENCE PRESENTATIONS

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

Talks, Symposia, Workshops, and Paper Presentations

- Morris, T., **Mathur, V.A.** (submitted). Women's expectations of and experiences with labor pain: A longitudinal study. 92nd Annual Meeting of the Eastern Sociological Society, Boston, MA.
- *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
- *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
- 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*.
- 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).
- 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.
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Mathur, V.A.** (2010). *Effects of race on pain perception and empathy*. Oral Presentation, Chicago Psychology Graduate Student Research Symposium, Chicago, IL.
- 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.
- 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.
- 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.
- 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.
- 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

- ***Boring, B.L.**, ***Richter, A.**, **Mathur, V.A.** (submitted). *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, Ohio.
- ***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.
- ***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).

- *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).
- *Rassu, F.S., **Luedke, J.C., **Mathur, V.A.**, Meagher, M.W. (submitted). *Is Social Status Linked to Pain Sensitivity Responses for Latinx-Americans? The Role of Social Mobility*. Annual Rehabilitation Psychology Conference, virtual meeting.
- *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)
- *Boring, B.L., Hicks, J., *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)
- *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)
- *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)
- *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)
- *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)
- *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.
- *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 of the APA Division 12 Clinical Psychology of Ethnic Minorities Student Research Award
- *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.
- *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.
- Mathur, V.A.** (2019). *Social mechanisms of psychophysical pain disparities*. Annual Scientific Meeting of the American Pain Society, Milwaukee, WI.
- *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.
- 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.
- *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.
- *Carter, J.E., *Nanavaty, N., **Hernandez, B., Ng, B., **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.
- 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.

- *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.
- *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.
- 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.
- **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.
- *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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- #**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.
- 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

Interests

Interdisciplinary: Pain, Health Disparities

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/Experimental Psychology (PSYC 302/204)

84-125 students and 4-5 lab sections per class; 1-2 classes per semester; writing intensive (W) course; undergraduate

7 semesters: F21[#], S21[^], F19[†], S19, S18, F17, S17*

[#]8 sections, two separate lectures, development and implementation of new activities related to critical thinking and navigation of health-related misinformation

[^]Large synchronous online course, development and implementation of new low stakes homework assignments and remote testing methods

[†]Development and implementation of lab redesign

*3 sections during first semester teaching this course

Health Psychology and Behavioral Medicine (PSYC/NRSC 360)

30-80 students per class; cross listed course; undergraduate

3 semesters: F18, S18, S16

Special Topics: Health Psychology of Disparities (PSYC 689)
6-10 graduate students; cross-area course involving training in NIH grant-writing
2 semesters: S21, F16

Team Taught Course: Principals of Neuroscience II (NRSC 602/BIOL 682)
13-20 graduate students; I cover (lecture + grading) the topic of *Pain* for this team-taught course
4 semesters: S18, S19, S21, S22

Undergraduate Research (NRSC 485, Honors NRSC 485; NRSC 491; Honors NRSC 491; PSYC 485;
Honors PSYC 485; PSYC 491)
57 students since S16; all students take at least 2 semesters, and most continue until graduation
Every semester, including summers; up to 15 students per semester

Graduate Research (PSYC 685, PSYC 691)
Every semester starting S17; 1-4 students per semester

Northwestern University

Research Methods in Psychology (Psych 205)
22 students; taught both the lecture and lab; involved intensive instruction in idea generation, study design, data collection and analysis, and scientific writing; writing intensive course
1 quarter: S11

Health Psychology (Psych 314)
20 students; new course prep that was not offered at NU at the time
1 quarter: F10

Teaching Assistant for:

Statistical Methods (Psych 201) 1 quarter: S10
Research Methods (Psych 205) 1 quarter: W09
Personality Psychology (Psych 215) 1 quarter: W08
Introduction to Schools of Psychotherapy (Psych 314) 1 quarter: S08
Psychology of Gender (Psych 339) 1 quarter: F11
Cultural Psychology (Psych 344) 1 quarter: S09

Guest Lectures

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*, 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

Teaching Training and Certifications

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)*
2010 Preparing for Classes that Aren't Your Specialty, *Northwestern University Searle Center for Teaching Excellence*
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 acceptance and scholarship – 2019

currently visiting Assistant Professor in the Department of Psychology at the University of Richmond

Graduate Trainees

Current Primary Advisor/Chair

Namrata Nanavaty, MS – Texas A&M University (Clinical Psychology) – currently in on Clinical Internship at the Houston VA Medical Center

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

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

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

*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

Brandon L. Boring, MS – Texas A&M University (Social & Personality Psychology) – currently in 4th year

*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

Kaitlyn T. Walsh, BS – Texas A&M University (Social & Personality Psychology) – currently in 3rd year

* 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

Hanan F. Guzman, BA – Texas A&M University (Cognition & Cognitive Neuroscience) – currently in 2nd year

Committee Member

Current:

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

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

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

Emily Johnson (1st year paper committee) - Texas A&M University (Social & Personality Psychology)

Jaren Crist (MAP committee) - Texas A&M University (Social & Personality Psychology)

Tiffany George (MAP committee) - Texas A&M University (Social & Personality Psychology)

Graduates:

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

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

*APA Division 12 Student Research Award – 2019

currently Postdoctoral Fellow at Johns Hopkins University

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

currently visiting Assistant Professor at Stetson University

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

currently Research Psychologist at the Naval Medical Research Center

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

currently Postdoctoral Fellow at University of Michigan

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

currently Assistant Professor at Colorado State University, Pueblo

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

Non-committee Mentor:

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

currently postdoctoral associate at Yale University

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

currently staff psychologist at Philadelphia VA

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

Undergraduate and Postgraduate Trainees

Texas A&M University

Lennon Lemay (2022-Present)

Tammy Ly (2019-20; 2022)

Montae Bermudez (2019-Present)

Avery Nennmann (2019-Present)

Aketch Osamba (2020-Present)

Katie-Beth Craig (2020-2021)

Briana Mitchell (2020-2021)

Donovan Taylor (2020)

Alida Demeter (2019-2021)

Paul Forks (2019-2021)

currently medical scribe at ProScribe

Jamie Nguyen (2019-20; 2021)

Nathan Ramsey (2019-2021)

*Jack Nation Award, Department of Psychological and Brain Sciences

Alison Richter (2020-2021)

Cassidy Seale (2018-2021)

*NIDA Summer Internship at the University of Washington, 2019

currently college advisor, College Advising Corp, Texas A&M University

Zachary Skrehot (2019-2021)

*Poster presentation at Student Research Week

Skrehot, Z.J., Boring, B.L., Mathur, V.A. (2021). *Independent but not interdependent self-construal increases risk for development of chronic pain.*

*Melburn G. Glasscock Humanities Award for interdisciplinary investigations of the human experience
currently research associate at Berkeley Research Group

Priscilla Abraham (2019-20)

Marguerite Anderson (2017-20)

*Poster presentation at Student Research Week & *11th Annual TAMIN Symposium

George, N., Anderson, M., Nanavaty, N., Boring, B., Mathur, V. A. (2019). *Examining the link between discrimination and pain physiology.*

currently an emergency department nurse working toward certification as a Sexual Assault Nurse Examiner (SANE)

Madison Aycock (2019-20)

hired as a full time research assistant on our grant funded PCRP project 2020-21

currently medical student at McGovern Medical School, University of Texas Health Science Center, Houston

Grant Barkelew (2019-20)

currently medical assistant at CHI St. Joseph's Hospital

Chase Bruckner (2019-20)

Kaylee Buchanan (2019-20)

currently graduate student in Sociology at Texas Woman's University

Jonathan Glenn (2019-20)

Karen Kaur (2019-20)

David Morgado (2019-20)

Sanya Varma (2018-20)

Claire Anderson (2019)

Kyisha Butcher (2018-19)

Karina Cabrera (2018-19)

*Thesis mentor

*Poster presentation at Student Research Week
 Cabrera, K. (2019) *Generations of racism in politics through disparities in maternal health and infant mortality*
 currently graduate student in the Global Affairs program at the University of Texas, San Antonio

Leslie Chaffin (2018-19)
 currently graduate student in the Physical Therapy program at the University of the Incarnate Word

Madison Cortez (2017-19)
 currently Implementation Project Manager at DoctorLogic

Meredith Gary (2017-19)
 currently doctoral student in the Occupational Therapy program at Texas Woman's University

Xochitl Fuentes (2019)
 currently Teach for America corps member

Nevita George (2017-19)
 *Thesis mentor
 *TAMIN Neuroscience Certificate
 *Undergraduate Research Scholar
 *Poster presentation at Student Research Week & *11th Annual TAMIN Symposium
 George, N., Anderson, M., Nanavaty, N., Boring, B., Mathur, V. A. (2019). *Examining the link between discrimination and pain physiology.*
 *Undergraduate co-author on manuscript under review
 currently PhD student in Psychology at University of Colorado, Denver

Travis Hyatt (2018-19)
 currently medical (D.O.) student at Sam Houston State University

Catherine Kuykendall (2019)
 currently Qualified Mental Health Professional at Integral Care

Jamie Loasby (2019)
 currently Associate Program Director at The Philanthropy Lab

Taylor Medina (2019)
 hired as a full time research assistant on our grant funded PCRP project 2021

Evan Nault (2019)

Ria Rao (2018-19)
 currently PhD student in Rehabilitation Sciences (focusing on pain) at Boston University

Scott Shi (2019)

Evelyn Stewart-Johnson (2018-19)

Fallon Wenck (2018-19)
 currently full time research assistant in the Department of Biological Sciences at Southern Methodist University

Melinda Hale (2018)

Hannah Lewer (2018)

Matthew Cline, BS (2016-18)
 *Undergraduate co-author on poster at a national conference
 *Hired as part-time research assistant after graduation 2017-18
 currently medical student at UT Southwestern

Sarah Peoples, BS (2016-18)
 *Undergraduate co-author on a poster presented at a national conference
 *Hired as full time study coordinator after graduation 2018 (Jan-Sept)
 currently PhD student in Psychological & Brain Sciences at Texas A&M University

Darby Salge (2018)
 currently Ph.D. student in Educational Psychology at Texas A&M University

Humza Ahmed, BS (2016-2018)
 currently Neuroimaging Analyst at the Vanderbilt Memory & Alzheimer's Center

Jordan Hayes (2017-18)
 *Undergraduate co-author on poster at a national conference

Megan Marsico (2017-18)
 currently graduate student in the Social Work program at Widener University

Breanna Hernandez (2017-2018)
 *First-authored poster presentation at Student Research Week:

Hernandez, B., Carter, J.E., Nanavaty, N., Ng, B., Mathur, V. A., Carter-Sowell, A.R. (2018). *More evidence for the pain overlap theory: Is social pain associated with heightened sensitivity to physical pain?*

currently Youth Advisor at Garza County Regional Juvenile Center

James Connor Price (2017)

Rahul Sirigiri (2016-17)

currently Quantitative Analyst at Repsol

Lane Bannwart (2016-17)

*Undergraduate co-author on a poster presented at a national conference

currently medical student at UT Rio Grande Valley

Mollie Adams (2015-17)

*Undergraduate co-author on two abstracts presented as posters at a national conference,

*Undergraduate poster presenter at a national conference

*George Bush Presidential Library Foundation Undergraduate Student Travel Grant

MSN (nursing) with specialization in Leadership in Diverse Settings, University of Texas

currently, Labor & Delivery Nurse

Magdalena Banda (2016)

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

*University of Michigan Public Health Scholar

*CDC Undergraduate Scholar

Meron Haley (2016)

Worked on a collaboration between the Mathur and Carter-Sowell labs

Mitra Nair (2015-16)

*Undergraduate co-author on three abstracts presented as posters at a national conference

MS in Biomedical Science, UT Health Science Center, Houston

currently Research Engineer at UT Health Science Center

Jennifer Van Horn (2016)

currently graduate student in Psychological Sciences at Northern Arizona University

Northwestern University

Michael Muzyka (2011-12)

*Winner of University of Michigan Biological Station REU summer research grant,

*Undergraduate co-author on *Journal of Pain* publication,

PhD in Biological Sciences and Notebaert Fellow, University of Notre Dame

currently Data Analyst at Charles River Laboratories

Warda Saeed (2011-12)

currently Clinical Research Coordinator Alexian Brothers Health System

Massachusetts General Hospital

Noah Merhar, OD (2007)

*Winner of Matina Horner Fellowship,

currently practicing Optometrist

Thomas Dohlman, MD (2006-07)

currently Physician and Surgeon, Massachusetts Eye and Ear and Instructor of Ophthalmology at Harvard Medical School

Monica Wojcik, MD (2005-07)

*Winner of Matina Horner Fellowship,

*Winner of GCRC Research Fellowship,

currently Attending Neonatologist, Boston Children's Hospital

Melissa Goldin Evans, PhD (2006)

currently Postdoctoral Fellow, Tulane University, The Maryy Amelia Center for Women's Health Equity Research

Alexis Malcom, FNP-BC (2005)

currently Nurse Practitioner at Central Vermont Medical Center

High School Student

Ranait O'Connor (2007-09), Illinois Math and Science High School Academy (IMSA), BAsC in Community Health at the University of Illinois at Urbana-Champaign

currently senior project manager, Evolent Health

Mentoring Programs

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

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

PROFESSIONAL SERVICE

Editorial Service

Editorial Board *The Journal of Pain*, 2021-2025

Ad Hoc Reviewer

<i>Annals of Behavioral Medicine</i>	<i>The Journal of Pain</i>
<i>Biological Psychology</i>	<i>Journal of Personality and Social Psychology (JPSP)</i>
<i>Brain Research</i>	<i>Neuroimage</i>
<i>Clinical Journal of Pain</i>	<i>Neuropsychology</i>
<i>Cultural Diversity & Ethnic Minority Psychology</i>	<i>PAIN</i>
<i>Current Biology</i>	<i>Pain Medicine</i>
<i>Ethnicity & Health</i>	<i>PLOS One</i>
<i>Human Brain Mapping</i>	<i>Proceedings of the National Academy of Sciences (PNAS)</i>
<i>Journal of Applied Biobehavioral Research</i>	<i>Progress in Brain Research</i>
<i>Journal of Behavioral Medicine</i>	<i>Psychological Science</i>
<i>Journal of Cognitive Neuroscience</i>	<i>Social Cognitive & Affective Neuroscience (SCAN)</i>
<i>Journal of Cross-Cultural Psychology</i>	<i>Social Service Review</i>
<i>Journal of Experimental Psychology: General</i>	<i>Social Psychological and Personality Science (SPPS)</i>

National Service and Service the the Field

Pain Research

2020-Present Member, Anti-Racism Coalition in Pain Research (ACTION-PR), aka the *Pain Justice League*

The Journal of Pain

2021 Development of recommendations for journal review guidelines to improve diversity, generalizability, and transparency in collaboration with the ACTION-PR

US Association for the Study of Pain (USASP)

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

American Pain Society (APS)

2019 Committee Member & Reviewer, Future Leaders in Pain Research Grants
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 with efforts to address pain disparities and advance pain equity.
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, American Pain Society Early Career Forum Planning Committee

Society for Personality and Social Psychology (SPSP)

2011 Reviewer, Student Poster Awards

Grant Reviewer

- 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 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 Diversity 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

- 2021-Present 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 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

Active Membership in Professional Societies

US Association for the Study of Pain (USASP)

Member, initial organizing/planning committee – representative for pain disparities research

American Psychological Association (APA)

International Association for the Study of Pain (IASP)

Society for the Psychological Study of Social Issues (SPSSI)

Society for Personality and Social Psychology (SPSP)

Society for Neuroscience (SfN)

Diversity Training and Career Development

- 2019 STRIDE Training – Strategies and Tactics for Recruiting to Improve Diversity and Excellence
- 2019 Green Dot Training
- 2019 Step In Stand Up Workshop
- 2019 Aggie Ally Workshop
- 2018 National Center for Faculty Development & Diversity (NCFDD) Faculty Success Program
- 2017 NIH Grant Proposal Writing Program at Texas A&M University
- 2016 Fundamentals of Pain Management: An Interdisciplinary Primer, American Pain Society

- 2015 Search Committee Training, The Dean of Faculties Office, Texas A&M University
- 2015 Write Winning NIH Grant Proposals Workshop, Division of Research, Texas A&M University
- 2015 Creating a Mentoring Culture, Faculty Teaching Academy, The Dean of Faculties Office & The Center for Teaching Excellence, Texas A&M University
- 2015 Online training in: Creating a Discrimination-Free Workplace; Effective Hiring Practices; Ethics; Financial Conflicts of Interest in Research; Information Security Awareness; Orientation to the A&M System; Reporting Fraud, Waste and Abuse; Required Emergency Alert System Notification, *Texas A&M University*

RESEARCH HIGHLIGHTED IN OTHER OUTLETS

Professional Outlets

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/>

The Journal of Pain Featured Journal Club Article: *Racial bias in pain perception and response: experimental examination of automatic and deliberate processes*. May 2014. <http://www.jpain.org/>

Endocrine News: Trends and Insights for the Endocrine Community: *Androgens lower in anorexia nervosa women*. April 2007.