

KATELYN E. SADLER

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ACADEMIC APPOINTMENTS

2023 - Assistant Professor of Neuroscience, The University of Texas at Dallas
2023 - Faculty, Center for Advanced Pain Studies, The University of Texas at Dallas
2017 – 2022 Postdoctoral Fellow, Lab of Dr. Cheryl Stucky, Medical College of Wisconsin

EDUCATION

2017 **PhD in Biology**, Lab of Dr. Benedict Kolber
Duquesne University, Pittsburgh, PA

2011 **BS in Biological Sciences**, *summa cum laude*, chemistry minor
University of Pittsburgh, Greensburg, PA

RESEARCH FUNDING

ACTIVE

2023 – 2026 **NIH Pathway to Independence Award (R00)**
Sickle cell disease gut dysbiosis effects on CNS pain processing
National Heart, Lung, and Blood Institute, R00HL155791
Role: PI, Award: \$747,000

2022 – 2027 **HEAL Initiative: Discovery and Functional Evaluation of Human Pain-associated Genes & Cells (U19)**
Human nociceptor and spinal cord molecular signature center
National Institute of Neurological Diseases and Stroke, U19NS130608
Role: Co-I

COMPLETED

2021 – 2023 **NIH Pathway to Independence Award (K99)**
Sickle cell disease gut dysbiosis effects on CNS pain processing
National Heart, Lung, and Blood Institute, K99HL155791
Role: PI, Award: \$230,256

2018 – 2019 **NINDS Ruth L. Kirchstein NRSA for Training of Postdoctoral Fellows (F32)**
Fibroblast-to-neuron communication in muscle pain
National Institute of Neurological Diseases and Stroke, F32NS106789
Role: PI, Award: \$104,201

2016 – 2017 **Duquesne U. Aging Research and Teaching Consortium Stimulator Grant**
Age-dependent changes in amygdala signaling responsible for altered pain sensitivity
Role: PI, Award: \$2,250

2014 – 2017 **Ruth L. Kirchstein NRSA Predoctoral Fellowship (F31)**
Effects of central amygdala lateralization on descending control of bladder pain
National Institute of Diabetes and Digestive and Kidney Diseases, F31DK104538
Role: PI, Award: \$115,269

PUBLICATIONS

h-index: 12

* denotes equal author contribution, † denotes corresponding author, denotes mentee

PEER REVIEWED ARTICLES

1. Ehlers VL, **Sadler KE**, Stucky CL (2023). Peripheral TRPV4 hypersensitivity contributes to chronic sickle cell disease pain. *Pain*.
 - *Editor's Choice manuscript*
2. Mikesell AR, Isaeva O, Moehring F, **Sadler KE**, Menzel AD, Stucky CL (2022). Keratinocyte PIEZO1 modulates cutaneous mechanosensation. *eLife*11:e65987.
3. Trask S, Mogil JS, Helmstetter FJ, Stucky CL, **Sadler KE**[†] (2022). Contextual control of conditioned pain tolerance and endogenous analgesic systems *eLife* 11:e75283.
 - *Pain Research Forum Editors' Paper of the week, March 12-18, 2022*
 - *Sex Differences in the Contextual Control of Conditioned Pain Tolerance; Pain Research Forum Coverage*
4. Waltz TB, Burand AJ, **Sadler KE**, Stucky CL (2021). Sensory-specific peripheral nerve pathology in a rat model of Fabry disease. *Neurobiology of Pain* 10: 100074.
5. **Sadler KE**^{*}, Moehring F^{*}, Shiers SI, Laskowski LJ, Mikesell AR, Plautz ZR, Brezinski AN, Mecca CM, Dussor G, Price TJ, McCorvy JD, Stucky CL (2021). Transient receptor potential canonical 5 (TRPC5) mediates inflammatory mechanical and spontaneous pain in mice. *Science Translational Medicine* 13: eabd7702.
 - *Repurpose this Drug; Neo.Life feature*
 - *TRP Channels and Mechanical Pain: Starring TRPC5!; Pain Research Forum coverage*
 - *TRPC5 and the Path Towards Analgesic Drug Development; Trends in Neuroscience Spotlight*
 - *Pain Research Forum #3 Most Popular Paper of 2021*
 - *Pain Research Forum Editors' Paper of the week, May 22-28, 2021*
6. **Sadler KE**^{*}, Moehring F^{*}, Stucky CL (2020). Keratinocytes contribute to normal cold and heat sensation. *eLife* 9: e58625.
 - *Keratinocytes keep their cool; Nature Reviews Neuroscience In Brief*
7. **Sadler KE**, Lewis TR, Waltz TB, Besharse JC, and Stucky CL (2019). Peripheral nerve pathology in sickle cell disease mice. *Pain Reports* 4(4): e765.
8. **Sadler KE**, Langer SN, Menzel AD, Moehring F, Erb AN, Brandow AM, and Stucky CL (2019). Gabapentin alleviates chronic spontaneous pain and acute hypoxia-related pain in a mouse model of sickle cell disease. *British Journal of Haematology* 187(2): 246-260.
9. **Sadler KE**^{*}, Zappia KJ^{*}, Weyer AD, O'Hara C, Langer SN, Hillery CA, and Stucky CL (2018). Chemokine (c-c motif) receptor 2 mediates mechanical and cold hypersensitivity in sickle cell disease. *Pain* 159(8): 1652-1663.
10. **Sadler KE**, Gartland N, Cavanaugh JE, and Kolber BJ (2017). Central amygdala expression of metabotropic glutamate receptor 5 linked to age-dependent changes in pain sensitivity. *Neurobiol of Aging*. S0197-4580(17):30131-8.
11. **Sadler KE**, McQuaid NA, Cox AC, Behun MN, Trouten AM, and Kolber BJ (2017). Divergent functions of the left and right central amygdala in visceral nociception. *Pain*. 158(4): 747-759.
12. Wolz MJ, **Sadler KE**, Long CC, Brenner DS, Kim BS, Gereau RW IV, & Kolber BJ (2016). Post-inflammatory hyperpigmentation following human cold pain testing. *Pain Reports* 1: e569.

13. Long CC, **Sadler KE**, Kolber BJ. (2016) Hormonal and molecular effects of restraint stress on formalin-induced pain-like behavior in male and female mice. *Physiology and Behavior* 16: 278-285.
14. **Sadler KE**, Stratton JM, Kolber BJ (2014). Urinary bladder distension evoked visceromotor responses as a model for bladder pain. *Journal of Visual Experimentation*. (86), e51413.
15. **Sadler KE**, Stratton JM, DeBerry JJ, Kolber BJ (2013). Optimization of a pain model: effects of body temperature and anesthesia on bladder nociception in mice. *PLoS ONE* 8(11): e79617.
16. Crock LW, Kolber BJ, Morgan CD, **Sadler KE**, Vogt SK, Bruchas MR & Gereau RW IV (2012). Central amygdala mGluR5 in the modulation of visceral pain. *Journal of Neuroscience* 32(41): 14217-26.

REVIEWS AND BOOK CHAPTERS

17. **Sadler KE**, Mogil JS, Stucky CL (2022). Innovations and advances in modeling and measuring pain in animals. *Nature Reviews Neuroscience* 23:70-85.
18. **Sadler KE**, Patitucci TN and Stucky CL (2022). *Ex vivo* skin-teased fiber recordings from tibial nerve. In: Seal R (ed) *Contemporary Approaches to the Study of Pain: from Molecules to Neural Networks*, Springer Nature, New York.
19. **Sadler KE**[†] and Stucky CL (2019). Neuronal transient receptor potential (TRP) channels and noxious sensory detection in sickle cell disease. *Neuroscience Letters* 694: 184-191.
20. **Sadler KE** and Kolber BJ (2016). Urine trouble: Alterations in brain function associated with bladder pain. *Journal of Urology* 196(1): 24-32.

PREPRINTS AND MANUSCRIPTS IN REVIEW

21. **Sadler KE**[†], Atkinson SA, Ehlers VL, Waltz TB, Hayward M, Rodríguez García DM, Salzman NH, Stucky CL, Brandow AM. Gut microbiota and metabolites drive chronic sickle cell disease pain. Posted to *bioRxiv* April 28, 2023. doi: <https://doi.org/10.1101/2023.04.25.538342>
22. Rodríguez García DM, Szabo A, Waltz TM, Mikesell AR, Zorn SJ, Sriram A, Mecca CM, Kemmo Tsafack U, Stucky CL, **Sadler KE**. High-speed imaging of evoked rodent mechanical behaviors yields variable results that are not predictive of inflammatory injury. *In review*.

COMMENTARIES AND JOURNAL CLUB ARTICLES

1. Moehring F and **Sadler KE**[†] (2019) Female specific effects of CGRP suggest limited efficacy of new migraine treatments in males. *Journal of Neuroscience* 39(46): 9062-9064.
2. **Sadler KE** and Stucky CL (2019) Blocking COX-2 for sickle cell pain relief. *Blood* 133 (18): 1924-1925.

HONORS AND AWARDS

2022	Travel Award , US Association for the Study of Pain
2020	Warren Alpert Distinguished Scholar Nominee , Medical College of Wisconsin
2019	Edward J Lennon, MD Award for an Outstanding Woman Postdoctoral Researcher , MCW
2019	Travel Award , MCW Office of Postdoctoral Affairs
2018	Excellence in Science Award , MCW Office of Postdoctoral Affairs
2018	Poster Award Winner , 28 th Annual Research Day at MCW
2018, 2016	Young Investigator Travel Award , American Pain Society

2017	Distinguished Dissertation Award , Duquesne University
2017	Max Mitchell Young Investigator Award Finalist , 12 th Annual NIH Pain Consortium Symposium
2016	Young Alumni Leadership Award , University of Pittsburgh at Greensburg
2016	New Frontiers of Pain Research Travel Award , University of Alabama at Birmingham
2016	Best Presentation , Clinical and Basic Science Data Blitz, 35 th Annual American Pain Society Meeting
2016	Outstanding Graduate Student Award , Department of Biological Science, Duquesne University
2016	Advanced Certificate of University Teaching , Center for Teaching Excellence, Duquesne University
2015	Bayer School for Natural and Environmental Sciences Award for Graduate Research Excellence , Duquesne University
2015	Best Poster , Duquesne University Department of Biological Sciences Retreat
2011	Senior of the Year , University of Pittsburgh at Greensburg
2011	Dr. and Mrs. Fred T. Campana Scholarship (top Biology student), University of Pittsburgh at Greensburg
2009 – 2011	University Scholar (top 2.5% of class) , University of Pittsburgh
2008 – 2011	Dean's List , University of Pittsburgh at Greensburg, 8 semesters

INVITED TALKS

10 intramural talks given between 2010-2022

denotes symposium chair

- 2023 **Gordon Research Conference: Amygdala Function in Emotion, Cognition and Disease**, Castelldefels, Spain (July)
 "Amygdalar involvement in gut microbiome-related pain signaling"
 Part of *Amygdala Regulation of Pain and Arousal* symposium

- 2023 **Peripheral Nerve Society Meeting**, Copenhagen, Denmark (June)
 "Peripheral nerve dysfunction and pain in sickle cell disease"
 Part of *Emerging Talent Joint SIG Session*

- 2023 **Canadian Pain Society Annual Scientific Meeting**, Banff, Canada (May)
 "Pain in the gut: gastrointestinal chemosensation drives chronic pain in sickle cell disease"
 Part of *Bridging the Gap: Translational Approaches to Studying Pain in Rodent and Human Models* symposium

- 2023 **United States Association for the Study of Pain Annual Meeting**, Durham, NC (April)
 "Gastrointestinal chemosensation drives chronic pain: implications for sickle cell disease"
 Part of *Of mice, men, and microbes: How alterations in gut-brain axis drive pain and co-morbid conditions* symposium

- 2022 **International Behavioral Neuroscience Meeting**, Glasgow, United Kingdom (June)
 "Sickle cell disease associated changes in the gut microbiome contribute to persistent pain"
 Part of *Taking great pains: identifying novel factors that influence pain behavior* symposium

- 2022 **University of Iowa**, Department of Neuroscience and Pharmacology (January)
 "Identification of novel chronic pain targets using sickle cell disease mice"

- 2021 **The University of Texas at Dallas**, Department of Neuroscience (December)
 "Gut feelings: How the microbiome modulates chronic pain"

- 2021 **Penn State University**, Department of Biology (December)

- “Identification of novel chronic pain targets using sickle cell disease mice”
- 2021 **University of Minnesota**, Department of Anesthesiology (October)
“Identification of novel chronic pain targets using sickle cell disease mice”
- 2021 **Cincinnati Children’s Hospital**, Department of Anesthesia (September)
“Identification of novel chronic pain targets using sickle cell disease mice”
- 2021 **Saint Louis University**, Department of Pharmacology and Physiology (September)
“Identification of novel chronic pain targets using sickle cell disease mice”
- 2021 **The University of Texas at Dallas**, Department of Neuroscience (August)
“Identification of novel chronic pain targets using sickle cell disease mice”
- 2021 **University of Kansas Medical Center**, Department of Anatomy and Cell Biology (January)
“Leveraging transgenic sickle cell disease mice to identify novel pain targets”
- 2020 **Pain 2020 Virtual Meeting**
“TRPC5 mediates inflammatory mechanical pain”
- 2020 **Pain Research Forum digital webinar**
“The role of keratinocytes in heat transduction, cold transduction, and mechanotransduction”
- 2019 **Midwest Regional Pain Interest Group (MR PIG) Meeting**, Kansas City, KS
“Mammalian keratinocytes detect and relay environmental cold signals”
- 2019 **American Pain Society Annual Meeting**, Milwaukee, WI
“Translational models for investigation of non-opioid based pain therapies for sickle cell disease”
- 2018 **North American Pain School**, Montebello, Canada
“Go with the (sometimes blocked) flow: circulating metabolites drive chronic sickle cell disease pain”
- 2018 **Pain Mechanisms and Therapeutics Conference**, Taormina, Italy
“Lipid signaling in sickle cell disease pain”
- 2017 **NIH Pain Consortium Symposium**, Bethesda, MD
“Chemokine receptor 2 mediates mechanical and cold hypersensitivity in sickle cell disease pain”
Part of *Max Mitchell Junior Investigator Award Finalist Symposium*
- 2016 **American Pain Society Annual Meeting**, Austin, TX
“Opposing roles of the left and right central amygdala in bladder pain modulation”
Part of *Basic Science SIG Data Blitz*

SELECTED POSTER ABSTRACTS

56 abstracts accepted between 2010 and 2023

denotes mentee

- 2023 **K Sadler**, “Amygdalar involvement in gut microbiome-related pain signaling”
GRC: Amygdala function in Emotion, Cognition and Disease, Castelldefels, Spain
- 2023 **Rodríguez-García D, Sadler K**, Kemmo Tsafack U, Szabo A, Stucky C, “High speed videography of evoked rodent behaviors: sources of variability and usefulness to identify pain phenotypes”
United States Association for the Study of Pain Annual Meeting, Durham, NC

- 2023 **Sadler K**, Atkinson S, Ehlers V, Waltz T, Hayward M, Rodríguez-García D, Salzman N, Stucky C, Brandow A, "Gut microbiota and metabolites drive persistent pain in sickle cell disease"
United States Association for the Study of Pain Annual Meeting, Durham, NC
- 2022 Mikesell A, Moehring F, **Sadler K**, Isaeva O, Mecca C, Stucky C, "Keratinocyte PIEZO1 mediates touch sensation and touch allodynia"
Annual Meeting of the Society for Neuroscience, San Diego, CA
United States Association for the Study of Pain Annual Meeting, Cincinnati, OH
- 2022 Ehlers V, **Sadler K**, Menzel A, Mecca C, Stucky C, "Sickle cell disease hypersensitivity is mediated by TRPV4 in dorsal root ganglia neurons and keratinocytes"
Annual Meeting of the Society for Neuroscience, San Diego, CA
- 2022 Ehlers V, **Sadler K**, Menzel A, Stucky C, "Transient receptor potential vanilloid 4 mediates hypersensitivity in chronic sickle cell disease pain"
United States Association for the Study of Pain Annual Meeting, Cincinnati, OH
- 2022 **Sadler K**, Ehlers V, Brandow A, Stucky C, "Sickle cell disease associated changes in the gut microbiome contribute to persistent pain"
United States Association for the Study of Pain Annual Meeting, Cincinnati, OH
- 2021 Trask S, Mogil J, Helmstetter F, Stucky C, **Sadler K**, "Contextual control of conditioned pain tolerance and endogenous analgesic systems"
Annual Meeting of the Society for Neuroscience, virtual
- 2019 Rodríguez-García D, **Sadler K**, Stucky C, "Longitudinal probiotic treatment decreases mechanical pain in sickle cell disease mice"
Annual Biomedical Research Conference for Minority Students, Anaheim, CA
- 2019 **Sadler K**, Moehring F, Stucky C, "TRPC5 is required for mechanical hypersensitivity in inflammatory pain models"
Annual Meeting of the Society for Neuroscience, Chicago, IL
- 2019 Moehring F, **Sadler K**, Stucky C, "Normal cold sensation requires keratinocyte-to-sensory neuron communication"
Mammalian Somatosensory Systems Keystone Symposium, Seattle, WA
International Association for the Study of Pain World Congress, Boston, MA
American Pain Society Annual Meeting, Milwaukee, WI
Midwest Regional Pain Interest Group Meeting, Kansas City, KS
- 2018 **Sadler K**, Zappia K, Weyer A, O'Hara C, Hillery C, Stucky C, "Chemokine receptor 2 (CCR2) mediates mechanical and cold hypersensitivity in sickle cell disease pain"
American Pain Society Annual Meeting, Anaheim, CA
12th Annual NIH Pain Consortium Symposium, Bethesda, MD
Annual Meeting of the Society for Neuroscience, Washington, DC
- 2016 **Sadler K**, Kolber B, "Divergent roles of the left and right central amygdala in visceral pain modulation"
New Frontiers of Pain Research in the 21st Century Meeting, Birmingham, AL
American Pain Society Annual Meeting, Austin, TX
Center for Neuroscience at the University of Pittsburgh Annual Retreat, Wheeling, WV
Overcoming Barriers to the Translation of Pain Research Conference, Pittsburgh, PA
- 2013 Sadler K, Stratton J, Kolber B, "Effects of body temperature and isoflurane induction on urinary bladder distension"
Annual Meeting of the Society for Neuroscience, San Diego, CA

Midwest Regional Pain Interest Group Meeting, Cincinnati, OH
Experimental Biology Annual Meeting, Boston, MA

TEACHING EXPERIENCE

Instructor

- 2023 **The Neuroscience of Pain**, The University of Texas at Dallas, Richardson, TX
- 2020 **Neuroscience Doctoral Program Journal Club**, Medical College of Wisconsin, Milwaukee, WI
N = 6 second year PhD students
- 2018 – 2019 **Introduction to Behavioral Neuroscience**, Carthage College, Kenosha, WI
N = 30 undergraduate students per semester
- 2018 **General Cell Biology Lab**, Carroll University, Waukesha, WI
N = 15 undergraduate students

Teaching Assistant

- 2020 **Foundations in Biomedical Science IV**, Medical College of Wisconsin, Milwaukee, WI
N = 40 first year PhD students
- 2019 – 2020 **Graduate Neuroanatomy Lab**, Medical College of Wisconsin, Milwaukee, WI
N = 20 PhD/MS students per semester
- 2019 – 2020 **Medical Neuroanatomy Lab**, Medical College of Wisconsin, Milwaukee, WI
N = 120 M1 medical students per semester
- 2014 **Introductory Microbiology**, Duquesne University, Pittsburgh, PA
N = 48 undergraduate students
- 2013 – 2014 **Experimental Biology I**, Duquesne University, Pittsburgh, PA
N = 16 undergraduate students per semester
- 2012 – 2013 **Biology II Lab**, Duquesne University, Pittsburgh, PA
N = 64 undergraduate students per semester
- 2011 – 2012 **Biology I Lab**, Duquesne University, Pittsburgh, PA
N = 64 undergraduate students per semester

Guest Lectures:

- 2019 – 2022 **Fundamentals of Neuroscience**, Medical College of Wisconsin, Milwaukee, WI
Neuroscience of Emotion, N = 20 PhD/MS students per semester
- 2019 – 2021 **Medical Neuroscience**, Medical College of Wisconsin, Milwaukee, WI
Limbic System, N = 120 M1 medical students per semester
- 2016 **Systems Neuroscience**, Carnegie Mellon, Pittsburgh, PA
Pain and Itch, N = 50 undergraduate students

MENTORING

Postdoctoral Fellow mentor to:

- 2023 - Kate Pearce, PhD

First year committee member to:

- 2023 - Lucy He
- 2023 - Marisol Mancilla Moreno
- 2023 - Phuong Pham

Undergraduate mentor to:

- 2023 - Divya Arivalagan
- 2023 - Juanna John, *Clark Summer Research Scholar*
- 2023 - Lucia Cardona
- 2023 - Cheri Chan
- 2023 - Aditi Manjrekar
- 2023 - Nawal Khan

Mentorship prior to UTD Faculty Appointment

- 2022 *Christina Mecca*, PhD student in Stucky Lab, Medical College of Wisconsin
- 2021 – 2022 *Tyler Waltz*, PhD student in Stucky Lab, Medical College of Wisconsin
- 2021 – 2022 *Alex Mikesell*, PhD student in Stucky Lab, Medical College of Wisconsin
- 2021 *Emma Bonniwell*, PhD rotation in Stucky Lab, Medical College of Wisconsin
- 2019 *Christina Mecca*, PhD rotation in Stucky Lab, Medical College of Wisconsin
- 2019 *Kayla Schwartz*, PhD rotation in Stucky Lab, Medical College of Wisconsin
- 2019 *Dianise Rodríguez-García*, undergraduate in Stucky Lab, Medical College of Wisconsin
- 2018 *Sarah Timmler*, PhD rotation in Stucky Lab, Medical College of Wisconsin
- 2018 *Tyler Waltz*, MD student in Stucky Lab, Medical College of Wisconsin
- 2018 *Ben O'Brien*, PhD rotation in Stucky Lab, Medical College of Wisconsin
- 2018 *Ashley Erb*, PhD rotation in Stucky Lab, Medical College of Wisconsin
- 2018 *Rachel Serio*, undergraduate in Stucky Lab, Medical College of Wisconsin
- 2017 *Becca Slick*, PhD rotation in Stucky Lab, Medical College of Wisconsin
- 2017 *Christina Mecca*, undergraduate in Stucky Lab, Medical College of Wisconsin
- 2016 *Heather Allen*, PhD rotation in Kolber Lab, Duquesne University
- 2016 *Nathan Gartland*, undergraduate in Kolber + Cavanaugh Labs, Duquesne University
- 2016 – 2017 *Abby Cox*, undergraduate in Kolber Lab, Duquesne University
- 2015 *Kara Jones*, undergraduate in Kolber Lab, Duquesne University
- 2015 – 2017 *Youstina Seliman*, undergraduate in Kolber Lab, Duquesne University
- 2014 – 2015 *Allison Trouten*, undergraduate in Kolber Lab, Duquesne University
- 2013 – 2015 *Rani Rajaram*, undergraduate in Kolber Lab, Duquesne University
- 2013 – 2015 *Missy Wolz*, undergraduate in Kolber Lab, Duquesne University
- 2013 – 2015 *Caela Long*, undergraduate in Kolber Lab, Duquesne University
- 2012 – 2013 *Devon Burkholder*, undergraduate in Kolber Lab, Duquesne University
- 2011 – 2013 *Jared Stratton*, undergraduate in Kolber Lab, Duquesne University

ACADEMIC SERVICE**Department/UTD Service:**

- 2023 - Faculty Advisor, Women in Neuroscience
- 2023 - Cognitive and Systems Neuroscience PhD Program Retreat Planning Committee
- 2023 - Organizer, Center for Advanced Pain Studies Seminar Series

External Service:

- 2023 - Co-chair, Education and Professional Development Committee, US Assoc. for the Study of Pain
- 2022 - Member, Education and Professional Development Committee, US Assoc. for the Study of Pain

Manuscript Review:

- N* = 1 *Blood* (IF: 25.5)
- N* = 1 *Brain, Behavior and Immunity* (IF: 19.2)
- N* = 2 *Pain* (IF: 7.9)

N = 1 Journal of Neuroscience (IF: 6.7)
N = 1 eNeuro (IF: 4.4)
N = 1 Pain Medicine (IF: 3.8)
N = 1 European Journal of Pain (IF: 3.5)
N = 1 Neurobiology of Pain (IF: 3.4)
N = 1 Genes, Brains and Behavior (IF: 3.4)
N = 1 Current Opinion in Physiology (IF: 2.4)
N = 1 Cell Reports Methods

Professional Affiliations:

2020 - US Association for the Study of Pain
2018 - International Association for the Study of Pain
2014 – 2019 American Pain Society
2012 - Society for Neuroscience

Service prior to UTD Faculty Appointment

2022 Panelist, USASP Annual Meeting, Early Career Forum K Grant Panel
2022 Panelist, MCW Spotlight on Science: Negotiation with a Gender Lens
2022 Panelist, Advance: From Postdoc to Faculty course, Sessions 1 (Intro to Job Market), 5 (Interviewing)
2021, 2020 Moderator and organizer, MCW Postdoctoral Research Symposium
2021 Co-organizer, Society for Neuroscience Somatosensation and Pain Pub Quiz social
2020 – 2021 Member, MCW Postdoctoral Advisory Committee
2020 Moderator and organizer, USASP webinar series “Lost in Translation: Current state of preclinical pain manipulations and measures”
2020 – 2021 Organizer, Pain Journal Club at MCW
2020 Panelist, MCW Spotlight on Science: NIH Fellowship Writing
2019 Moderator, Midwest Regional Pain Interest Group Meeting, U Kansas Med Center
2019 Judge, MCW SPUR/DSHREP Research Symposium
2019 Social Media Champions Captain, American Pain Society Annual Meeting
2018, 2019 Planning committee, Incoming Neuroscience PhD Student Bootcamp, MCW + Marquette U
2017 – 2021 Postdoctoral Representative, MCW CBNA faculty meetings
2015 Organizer, Inaugural Department of Biological Sciences Annual Retreat at Duquesne
2014 – 2016 Judge, PA Junior Academy of Science Regional Competition, Pittsburgh, PA
2014 – 2016 Graduate Student Representative, Duquesne U. Biology Department faculty meetings
2014 Moderator, Duquesne University Undergraduate Research Ethics Forum