

CURRICULUM VITAE

Amy E. Williams, PhD, HSPP, ABPP

CONTACT INFORMATION

Address: Riley Hospital for Children
Indiana University School of Medicine
705 Riley Hospital Drive
Indianapolis, Indiana 46202-5200

CURRENT POSITION

July 2020 – present
Associate Professor of Clinical Psychiatry
Clinical Director of Riley Pain Center
Clinical Director of Psychiatry Consultation Liaison Service at Riley Hospital for Children
Coordinator of Pediatric Psychologists
Program Director Clinical Psychology Postdoctoral Fellowship in Pediatric Pain
Psychology Practicum Coordinator
Department of Psychiatry
Riley Child and Adolescent Psychiatry Clinic
Indiana University Health Physicians
Indiana University School of Medicine

LICENSURE & BOARD CERTIFICATION

Indiana, Psychologist, License # 20042654A, Health Service Provider in Psychology (HSPP)

Board Certified in Clinical Child and Adolescent Psychology, American Board of Professional Psychology (ABPP), certificate # 8413, 8/9/17 to present

EDUCATION

- 2011 **Fellowship** - 2-Year Postdoctoral Fellowship in Pediatric Psychology, Baylor College of Medicine & Texas Children's Hospital, Houston, TX
- 2009 **Ph.D.** - Doctor of Philosophy in Clinical Psychology, The University of Tulsa
Dissertation title: Supraspinal Modulation of Trigeminal Pain and Nociception
Pre-doctoral Internship: Baylor College of Medicine, Pediatric Psychology
- 2005 **M.A.** - Master of Arts in Clinical Psychology, The University of Tulsa
Precandidacy project title: Conditioned Fear & Pain Thresholds: The Influence of Using Facial Expressions as Conditioned Stimuli
- 2003 **B.S.** - Bachelor of Science in Biology (Psychology minor), Summa Cum Laude, The University of Tulsa

PAST POSITIONS

Assistant Professor of Clinical Psychiatry
Department of Psychiatry
Riley Child and Adolescent Psychiatry Clinic
Indiana University Health Physicians

Indiana University School of Medicine
April 2014-June 2020

Adjunct Professor
Clinical Psychologist
Marian University College of Osteopathic Medicine, Indianapolis, IN
July 2013 – March 2014

Pediatric Psychologist
Woodview Psychology Group, Indianapolis, IN
June 2013 – March 2014

Assistant Professor
Department of Psychiatry and Behavioral Neurosciences & Department of Pediatrics
Loyola University Medical Center & Stritch School of Medicine, Maywood, IL
August 2011- January 2013

COMMITTEE POSITIONS & SERVICE

July 2022
NIH Study Panel
Role: Reviewer

Oct 2021- present
Promotion and Tenure Committee
Department of Psychiatry
Indiana University School of Medicine
Role: Member

2021- present
Inclusion, Diversity, Equity and Access Committee
United States Association for the Study of Pain (USASP)
Role: Member

Fall 2021
Abstract Reviewer
2022 Society of Pediatric Psychology Annual Conference

2018 – present
IRB-01
Alternate of IRB-IUB, IRB-02, IRB-03, IRB-04, IRB-05
Indiana University (IU) Institutional Review Board (IRB)
Role: Voting Member

2018 – present
Internship Executive Committee
Psychology Internship Program
Indiana University School of Medicine
Role: Member

2017 – present

Section of Psychology Executive Committee
Department of Psychiatry
Indiana University School of Medicine
Role: Psychology Practicum Coordinator

2014 – present
Internship Admissions Committee
Indiana University School of Medicine Psychology Internship Program

Fall 2017
Abstract Reviewer
2018 Society of Pediatric Psychology Annual Conference
Innovative Strategies to Promote Research and Practice in Pediatric Psychology: Adapting to a Shifting Healthcare Landscape

2016
2016 Fall Conference Planning Committee
Indiana Psychological Association
Role: Co-Chair

2014 – 2016
Consultation/Liaison Special Interest Group Leadership Committee
Division 54. Society of Pediatric Psychology
American Psychological Association
Role: Chair of Subcommittee on Intervention Projects

ADDITIONAL TRAINING

- 2016 STENS Corporation 5-Day Biofeedback Certificate Program, St. Charles, IL.
- 2012 Basic CITI Course in The Protection of Human Research Subjects required modules for Social Behavioral Research Investigators – Loyola University Medical Center
- 2006 Parent Child Interaction Therapy – University of Oklahoma Health Sciences Center
- 2006 Trauma Focused - Cognitive Behavioral Therapy (TF-CBT) online training

GRANT FUNDING

- 2022 Rodriguez, Fodstad, Williams (co-PIs)
IUSM Department of Psychiatry Internal Research Grant
Evaluation of community mental health care services in Indiana for the treatment of children with complex behavioral health needs
Role: Co-PI
- 2020-2022
*Pediatrics PDT, IU CTSI Williams (PI)
Examination of mechanisms contributing to impact of insomnia on chronic pain risk and outcomes in pediatric patients
- 2020-2022
*Racial Justice Research Fund Williams (PI)

Impact of Race-Related Injustice Appraisals on Morbidity in Youth with Sickle Cell Disease

2020

*^Women For Riley Lynch (PI)
Comfort Kits to Aid in the Management of Pediatric Pain and Distress during Venipuncture
Role: Mentor & Co-Investigator

2019-2023

*5R01AR070474-03 Kashikar-Zuck (PI) NIH/NIAMS
Multi-site Randomized Clinical Trial of FIT Teens for Juvenile Fibromyalgia
Role: Site PI = 10% time

2018- 2022

*7R01HD089458-02 Sadhasivam (PI) NIH/NICHD
Pharmacogenetics of Oxycodone, Personalized Care and Persistent Surgical Pain
Role: Co-Investigator = 5% time

2018-2021

*IU Grand Challenge: Responding to the Addiction Crisis Adams (PI)
Telehealth Recovery and Resilience Program – Opioid Extension (TRRP-O) in Adolescent and Young Adult Trauma Survivors
Role: Clinical Advisory Panel Member

2015-2017

UL1TR001108 Honaker (PI), Bates (Co-PI) Indiana CTSI (CBR/CTR)
The Role of Sleep in Addressing Disruptive Behavior in Children
Role: Co-Investigator

2007 University of Tulsa Student Research Grant (\$500) – Project: *Examining descending modulation of head pain.*

2005 University of Tulsa Student Research Grant (\$500) – Project: *Examining the emotional modulation of startle in chronic pain patients.*

2004 University of Tulsa Student Research Grant (\$500) – Project: *Examining the influence of facial expressions and conditioned fear on pain.*

PUBLICATIONS

1. Lynch Milder, M.K., McQuillan, M.E., Honaker, S.M., Miller, M.M., Tolley, J., Michel, M.A., Hirsh, A.T., **Williams, A.E.** (in press). Concurrent and longitudinal associations among insomnia symptoms, internalizing problems, and chronic pain in youth. *Health Psychology*. DOI: 10.1037/hea0001244
2. Bakr, S.M., Knight, J.A., Shlobin, N.A., Budnick, H., Desai, V., Hill, H., Johnson, S.K., **Williams, A.E.**, Tolley, J.A., & Raskin, J.S. (2022). Spinal Cord Stimulation for Treatment of Neuropathic Pain in Adolescent Patients: A Single Institution Series, Systematic Review, and Individual Participant Data Meta-Analysis. *Neurosurgical Focus*. DOI: 10.3171/2022.7.FOCUS22330

3. Miller, M.M., **Williams, A.E.**, Scott, E.L., Trost, Z., & Hirsh, A.T. (2022). Battle of the appraisals: Pain-related injustice versus catastrophizing as mediators in the relationship between pain intensity and 3-month outcomes in children with chronic pain. *Journal of Pain*. 23(2):223-235. doi: 10.1016/j.jpain.2021.07.006. PMID: 34403788
4. Miller, M.M., **Williams, A.E.**, Scott, E.L., Trost, Z., & Hirsh, A.T. (2022). Anger as a mechanism of injustice appraisals in pediatric chronic pain: An examination of the relationship between pain-related injustice appraisals, pain, and physical and psychosocial outcomes. *Journal of Pain*. 23(2):212-222. doi: 10.1016/j.jpain.2021.07.005. PMID: 34375744.
5. Lynch, M.K., ^Miller, M.M., **Williams, A.E.**, Michel, M., Tolley, J., Scott, E., & Hirsh, A. (2022). Cross sectional associations among components of injustice appraisals and functioning in adolescents with chronic pain. *Journal of Pediatric Psychology*. 47(1):99-110. doi: 10.1093/jpepsy/jsab083. PMID: 34472579.
6. Sadhasivam, S., Alankar, S., Maturi, R., **Williams, A.**, Vishnubhotla, R.V., Hariri, S., Mudigonda, M., Pawale, D., Dubbireddi, S., Packiasabapathy, S., Castelluccio, PI, Ram, C., Renschler, J., Chang, T., Subramaniam, B. (2021). Isha Yoga practices and participation in Samyama meditation retreat reduced hemoglobin A1c and systemic inflammation and improved lipid profile and mental health. *Frontiers in Psychology*. 12:659-667.
7. Tolley, J.A., Michel, M.A., **Williams, A.E.**, Renschler, J.S. (2020). Peer Support in the Treatment of Chronic Pain in Adolescents: A Review of the Literature and Available Resources. *Children*. 7(9), 129.
8. Miller, M.M., Lynch, M.K., Hirsh, A.T., & **Williams, A.E.** (2020). "It all seems so unfair": Pain-related injustice appraisals in youth with chronic pain and their caregivers. *Pediatric Pain Letter*. 22(3), 28-32.
9. Bakr, S., Knight, J., Johnson, S.K., **Williams, A.**, Tolley, J., Raskin, J.S. (2020). Spinal cord stimulation improves functional outcomes in children with complex regional pain syndrome: Case presentation and review of the literature. *Pain Practice*. 20(6), 647-655.
10. Miller, M.M., **Williams, A.E.**, Zapolski, T.C.B., Rand, K.L., & Hirsh, A.T. (2020). Assessment and treatment recommendations for pediatric pain: The influence of patient race, patient gender, and provider pain-related attitudes. *Journal of Pain*. 21(1-2), 225-237. PMID: 31362065
11. **Williams, A.E.**, Miller, M.M., Bartley, E., McCabe, K.M., Kerr, K., & Rhudy, J.L. (2019). Impairment of inhibition of trigeminal nociception via conditioned pain modulation in persons with migraine headaches. *Pain Medicine*, 20(8):1600-1610. PMID: 30690591.
12. Miller, M.M., Wuest, D., **Williams, A.E.**, Scott, E.L., Trost, Z., & Hirsh, A.T. (2018). Injustice perceptions about pain: Parent-child discordance is associated with worse functional outcomes. *Pain*. 159(6): 1083-1089.
13. **Williams, A.E.**, Giust, J.M., Kronenberger, W.G., & Dunn, D.W. (2016). Epilepsy and Attention-Deficit Hyperactivity Disorder: Links, Risks, and Challenges. *Neuropsychiatric Disease and Treatment*. 12: 287-296.

14. Czyzewski, D.I., Self, M.M., **Williams, A.E.**, Weidler, E.M., Blatz, A.M., & Shulman, R.J. (2016). Maintenance of Pain in Children with Functional Abdominal Pain. *Journal of Pediatric Gastroenterology and Nutrition*. 62(3): 393-398.
15. Self, M.M., **Williams, A.E.**, Czyzewski, D.I., Weidler, E.M., Shulman, R.J. (2015). Agreement between Prospective Diary Data and Retrospective Questionnaire Report of Abdominal Pain and Stooling Symptoms in Children with Irritable Bowel Syndrome. *Neurogastroenterology and Motility*. 27(8): 1110-1119.
16. **Williams, A.E.**, Czyzewski, D.I., Lane, M.M., & Shulman, R.J. (2015). Are Child Anxiety and Somatization Associated with Pain in Pain-Related Functional Gastrointestinal Disorders? *Journal of Health Psychology*. 20(4):369-379.
17. **Williams, A.E.**, Heitkemper, M., Self, M.M., Czyzewski, D.I., & Shulman, R. (2013). Endogenous Inhibition of Somatic Pain is Impaired in Girls with Irritable Bowel Syndrome Compared with Healthy Girls. *Journal of Pain*. 14(9):921-930.
18. **Williams, A.E.** & Rhudy, J.L. (2012). Motivational Priming Predicts How Noxious Unconditioned Stimuli Influence Affective Reactions to Emotional Pictures. *Psychology*. 3(10):883-891.
19. Davis, J., Rhudy, J.L., Pruiksma, K.E., Byrd, P.M., **Williams, A.E.**, McCabe, K.M., & Bartley, E.J. (2011). Physiological predictors of response to exposure, relaxation, and rescripting therapy for chronic nightmares in a randomized clinical trial. *Journal of Clinical Sleep Medicine*. 7(6):622-631.
20. **Williams, A.E.**, Arzola, G.M., Strutt, A.M., Simpson, R., Jankovic, J., York, M.K. (2011). Cognitive outcome and reliable change indices two years following bilateral subthalamic nucleus deep brain stimulation. *Parkinsonism and Related Disorders*. 17(5):321-327.
21. Czyzewski, D.I., Lane, M.M., Weidler, E.M., **Williams, A.W.**, Swank, P.R., & Shulman, R.J. (2011). The interpretation of Rome III criteria and method of assessment affect IBS classification of children. *Alimentary Pharmacology & Therapeutics*. 33(3):403-411.
22. Rhudy, J.L., Bartley, E.J., **Williams, A.E.**, McCabe, K.M., Chandler, M.C., Russell, J.L., & Kerr, K.L. (2010). Are there sex differences in affective modulation of spinal nociception and pain? *The Journal of Pain*. 11(12), 1429-1441.
23. Rhudy, J.L., Davis, J.L., **Williams, A.E.**, McCabe, K.M., Bartley, E.J., Byrd, P.M., & Ensor, K.M. (2010). Cognitive-behavioral treatment for chronic nightmares in trauma-exposed persons: Assessing physiological reactions to nightmare-related fear. *Journal of Clinical Psychology*, 66(4), 365-382.
24. Rhudy, J.L., Bartley, E.J., & **Williams, A.E.** (2010). Habituation, Sensitization, and Emotional Valence Modulation of Pain Responses. *Pain*, 148(2), 320-327.
25. Bartley, E.J., Rhudy, J.L., & **Williams, A.E.** (2009). Experimental assessment of affective processing in fibromyalgia. *Journal of Pain*, 10(11), 1151-1160.
26. Rhudy, J.L., France, C.R., Bartley, E.J., McCabe, K.M., & **Williams, A.E.** (2009). Psychophysiological responses to pain: Further validation of the nociceptive flexion reflex (NFR) as a measure of nociception. *Psychophysiology*. 46(5), 939-948.
27. Rhudy, J.L., France, C.R., Bartley, E.J., **Williams, A.E.**, McCabe, K.M., & Russell, J.L. (2009). Does pain catastrophizing moderate the relationship between spinal nociceptive processes and pain sensitivity? *Journal of Pain*, 10(8), 860-869.

28. **Williams, A.E.**, & Rhudy, J.L. (2009). Emotional modulation of autonomic responses to painful trigeminal stimulation. *International Journal of Psychophysiology*, 71(3), 242-247.
29. **Williams, A.E.**, & Rhudy, J.L. (2009). Supraspinal modulation of trigeminal nociception and pain. *Headache*, 49(5), 704-720.
30. Rhudy, J.L., Davis, J.L., **Williams, A.E.**, McCabe, K.M. & Byrd, P.M. (2008). Physiological-emotional reactivity to nightmare-related imagery in trauma-exposed persons with chronic nightmares. *Behavioral Sleep Medicine*, 6, 158-177.
31. Rhudy, J.L., **Williams, A.E.**, McCabe, K.M., Russell, J.L., & Maynard, L.J. (2008). Emotional control of nociceptive reactions (ECON): Do affective valence and arousal play a role? *Pain*, 136, 250-261.
32. **Williams, A.E.**, & Rhudy, J.L. (2007). Affective modulation of eyeblink reactions to noxious sural nerve stimulation: A supraspinal measure of nociceptive reactivity? *International Journal of Psychophysiology*, 66, 255-265.
33. **Williams, A.E.**, & Rhudy, J. L. (2007). The influence of conditioned fear on human pain thresholds: Does preparedness play a role? *Journal of Pain*, 7, 598-606.
34. Rhudy, J.L., Dubbert, P.M., **Williams, A.E.**, & Kirchner, K.A. (2007). Efficacy of a program to encourage walking in VA elderly primary care patients: The role of pain. *Psychology, Health, & Medicine*, 12, 289-298.
35. Rhudy, J.L., McCabe, K.M., & **Williams, A.E.** (2007). Affective modulation of autonomic reactions to noxious stimulation. *International Journal of Psychophysiology*, 63, 105-109.
36. Rhudy, J.L., Dubbert, P.M., Parker, J.D., Burke, R.S., & **Williams, A.E.** (2006). Affective modulation of pain in substance dependent veterans. *Pain Medicine*, 7, 483-500.
37. Rhudy, J.L., **Williams, A.E.**, McCabe, K.M., Rambo, P.L., & Russell, J.L. (2006). Emotional modulation of spinal nociception and pain: The impact of predictable noxious stimulation. *Pain*, 126, 221-233.
38. Rhudy, J.L., & **Williams, A.E.** (2005). Gender differences in pain: Do emotions play a role? *Gender Medicine*, 2, 208-226.
39. Rhudy, J.L., **Williams, A.E.**, McCabe, K.M., Nguyen, M.V., & Rambo, P.L. (2005). Affective modulation of nociception at spinal and supraspinal levels. *Psychophysiology*, 42, 579-587.

MANUSCRIPTS SUBMITTED FOR REVIEW

1. Lynch Milder, M.K., Ward, S., Bazier, A., Tsai Owens, M., & **Williams, A.E.** (in review). The Health Care Transition Needs of Adolescents and Emerging Adults with Chronic Pain: A Narrative Review. Manuscript submitted for review.
2. Lynch-Jordan, A., Connelly, M., Guite, J., King, C., Leever, A., Logan, D.E., Nelson, S., Ting, T.V., Wakefield, E., **Williams, A.E.**, Williams, S.E., & Kashikar-Zuck, S. (in review). Clinical Characterization of Juvenile Fibromyalgia in a Multi-center Cohort of Adolescents Enrolled in the FIT Teens Trial.
3. Kashikar-Zuck, S., Barnett, K.A., Williams, S.E., Pfeiffer, M., Thomas, S., Beasley, K., Chamberlin, L.A., Mundo, K., Ittenbach, R., Peugh, J., Gibler, R., Lynch-Jordan, A., Ting, T.V., Gadd, B., Taylor, J., Ardoin, S., Connelly, M., Logan, D., **Williams, A.**, Zempsky,

W., & Myer, G. (in review). FIT Teens RCT for juvenile fibromyalgia: study design and protocol adaptations in response to the COVID 19 pandemic.

MANUSCRIPTS IN PREPARATION

4. Milder, M.K., Lagges, A., Vater, L., Gilbert, E., Lemanek, K., Wrona, S., Bazier, A., & **Williams, A.E.** (in prep). Experiences of Pediatric Chronic Pain for Gender Expansive and Cisgender Patients.
5. Hullmann, S.E., Gilbert, E.A.T., Bazier, A.R., Clark, A.A., **Williams, A.E.**, Wright, A.Y., Keller, S.A., Carroll, A.E., & Bennett, W.A. (in prep). Patient and Parent Preferences for Integrated Mental Healthcare in the Pediatric Gastroenterology Clinic – Phase I of the DECADES Study.
6. Gilbert, E.A., **Williams, A.E.**, Clark, A.A., Keller, S.A., Hullmann, S.E., Wright, A.Y., Carroll, A.E., & Bennett, W.E. (in prep). Detecting and Evaluating Childhood Anxiety and Depression Effectively in Subspecialties (DECADES) – A Randomized Comparative Effectiveness Trial of Integrated Mental Health Services.

MEDIA OR OTHER INTERVIEWS

1. Laura Gates. (November 2020). IU School of Medicine psychologist studies injustice in treatment of youth with sickle cell disease. Indiana University School of Medicine Blog. <https://tinyurl.com/h6sc26kn>. Invited.
2. FIX - What Good is Pain - Amy Williams - Expert Perspective (Grades 6-12). Indiana State Museum. June 3rd, 2021. <https://tinyurl.com/vxxe87mv>. Invited.
3. King, B. (May 2021). *Painful Bias*. Indiana University School of Medicine Magazine. <https://medicine.iu.edu/magazine/Painful-Bias>. Invited.

BOOK CHAPTERS

1. Scott, E.L., **Williams, A.E.**, & Foxen-Craft, E. (2020). The problem of pain: Chronic pain. In B. Carter & K. Kullgren (Ed.), *Clinician Handbook of Inpatient Pediatric Psychological Consultation-Liaison in Medical Settings*. Springer Publishing. 155-167
2. Giust, J.G., Lagges, A., Blake, H., & **Williams, A.E.**. (2020). Collaborating with Child Psychiatry. In B. Carter & K. Kullgren (Ed.), *Clinician Handbook of Inpatient Pediatric Psychological Consultation-Liaison in Medical Settings*. Springer Publishing. 101-111

SELECTED POSTER PRESENTATIONS

1. Barnett, K.A., Hicks, C.A., Pfeiffer, M., Williams, S., Connelly, M., Wakefield, E., Goldstein-Lever, A., Nelson, S., Logan, D., **Williams, A.**, & Kashikar-Zuck, S. Does timing and perceived impact of the COVID-19 pandemic relate to pain intensity and depressive symptoms in adolescents with juvenile fibromyalgia? (September 2022). Poster submitted for presentation at the IASP 2022 World Congress on Pain.
2. Bazier, A., Milder, M.K., Ward, S., **Williams, A.** (May 2022). Experience of Pediatric Chronic Pain for Gender Expansive and Cisgender Patients. Poster presented at the United States Association for the Study of Pain (USASP) Annual Conference.
3. Lynch-Jordan, A., Connely, M., Guite, J.W., King, C., Goldstein-Liever, A., Logan, D., Nelson, S., Ting, T.V., Wakefield, E., **Williams, A.**, Williams, S.E., & Kashikar-Zuck, S.

- (May 2022). Characterizing Juvenile Fibromyalgia in a Large Cohort of Adolescents. Poster presented at the United States Association for the Study of Pain (USASP) Annual Conference.
4. Miller, M.M., **Williams, A.E.**, Scott, E.L., Trost, Z., & Hirsh, A.T. (April 2022). When Parent-Child Pain Appraisals Differ: Pain-related Injustice and 3-month Functional Outcomes. Poster presented at the Society for Pediatric Psychology Annual Conference.
 5. Bazier, A., **Williams, A.**, Milder, M., & Miller, M. (April 2022) Racial Differences in the Experience of Pediatric Chronic Pain. Poster presented at the Society for Pediatric Psychology Annual Conference.
 6. Ward, S., Lynch Milder, M.K., Welch, A., Pumphrey, J., **Williams, A.E.** (April 2022) Parent reported use of coping techniques in children undergoing venipuncture. Poster presented at the Society for Pediatric Psychology Annual Conference
 7. Lynch, M.K., Mcquillan, M.E., Hirsh, A.T., Honaker, S.M., **Williams, A.E.** (April 2021). Longitudinal Study of Adolescent Sleep Problems and Chronic Pain During Treatment in a Multidisciplinary Pediatric Pain Clinic. Poster presented at the Society for Pediatric Psychology Annual Conference.
 8. Miller, M.M., **Williams, A.E.**, Trost, Z., Hirsh, A.T. (2021). Providers' Pain-related injustice appraisals for patients with pain: A preliminary investigation. Poster presented at the International Association for the Study of Pain Annual Conference.
 9. King, C.D., Ardoin, S.P., Connelly, M., Guite, J., Ittenbach, R., Logan, D., Lynch-Jordan, A., Myer, G., Nelson, S., Pfeiffer, M., Stinson, J., Ting, T., Wakefield, E., **Williams, A.**, Zempsky, W., Kashikar-Zuck, S. (2020) Characterization of Widespread Pain and Symptom Severity in Patients with Juvenile Fibromyalgia (JFM). Poster presented at the Virtual Series on Pain for the International Association for the Study of Pain.
 10. Lynch, M, Miller, M., Scott, E., Honaker, S., Hirsh, A, Tolley, J, & **Williams, A.** (March 2020). Relations between severity of pain and poor sleep in youth presenting to a pediatric chronic pain clinic. Poster presented at the virtual conference for the Society for Pediatric Psychology Annual Conference, Dallas, TX.
 11. Miller, M.M., Carnell, S., Lok, B.C., **Williams, A.E.**, Hirsh, A.T. (March 2020). REM strategies for pediatric opioid use: Providers are more likely to require urine drug screening for boys than girls with chronic pain. Poster to be presented at the American Psychosomatic Society annual meeting, Long Beach, CA.
 12. **Williams, A.E.**, Miller, M.M., Scott, E.L., Trost, Z., Hirsh, A.T. (September 2018). Elements of pain-related injustice differentially mediate the relationship between pain intensity and outcomes in children with chronic pain. Poster presented at the International Association for the Study of Pain's 17th World Congress on Pain, Boston, MA.
 13. Miller, M.M., **Williams, A.E.**, Scott, E.L., Trost, Z., Hirsh, A.T. (September 2018). General, personal, and pain-specific justice beliefs in the pediatric chronic pain experience. Poster presented at the International Association for the Study of Pain's 17th World Congress on Pain. Boston, MA.
 14. Miller, M.M., **Williams, A.E.**, Scott, E.L., Trost, Z., Hirsh, A.T. (April 2018). Injustice perceptions predict future functioning in children with chronic pain: A 12-month follow-up. Poster presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA.
 15. Miller, M.M., **Williams, A.E.**, Scott, E.L., Trost, Z., Hirsh, A.T. (May 2017). Pain-related

- injustice perception, but not catastrophizing, partially mediates the relationship between pain intensity and pain outcomes in children with chronic pain. Poster presented at the annual meeting of the American Pain Society, Pittsburg, PA.
16. Scott, E.L., **Williams, A.E.**, Miller, M.M., Hirsh, A.T. (June 2015). The role of injustice in pediatric chronic pain patients: Mediation by anger and depression. Poster presented at Symposium on Pediatric Pain, Seattle, WA.
 17. Czyzewski, D., **Williams, A.**, Lane, M., & Shulman, R. (May 2011). Irritable bowel syndrome (IBS) symptoms predict longer term abdominal pain in children with recurrent abdominal pain. Poster presented at Digestive Disease Week, Chicago, IL.
 18. Weidler, E.M., **Williams, A.**, Shulman, R.J. (May 2011). Psychosocial factors influence child's self-report and parent report of child's pain in functional abdominal pain (FAP) or irritable bowel syndrome (IBS). Poster presented at Digestive Disease Week, Chicago, IL.
 19. **Williams, A.E.**, Lane, M.M., Czyzewski, D.I., Shulman, R.J. (April 2011). Do Child Anxiety and Somatization Predict Pain and Pain-Related Interference with Activities in Recurrent Abdominal Pain? Poster presented at the National Conference in Pediatric Psychology, San Antonio, TX.
 20. Czyzewski, D., **Williams, A.**, Lane, M., & Shulman, R. (May 2010). Concordance of Parent Versus Child Responses to a Questionnaire Assessing the Presence of IBS Related Pain-Stooling Relationships in Young Children. Poster presented at Digestive Disease Week, New Orleans, LA.
 21. **Williams, A.E.**, Sebourn, B., McCabe, K.M., Bourdeau, T.L., Wolfe-Christensen, C., Carpentier, M.Y., & Mullins, L.L. (April, 2008). The relationship between perceived child vulnerability in parents and internalizing problems in pediatric oncology patients: The mediating role of parenting stress. Poster presented at the Child Health Conference, Miami, FL.
 22. **Williams, A.E.**, & Rhudy, J.L. (October, 2007). Affective modulation of blink reflexes following painful trigeminal nerve stimulation. Poster presented at the annual meeting of the Society for Psychophysiological Research, Savannah, GA.
 23. **Williams, A.E.**, McCabe, K.M., Russell, J.L., Maynard, L.J., & Rhudy, J.L. (May, 2007). Emotional control of nociception: The influence of emotion on blink responses to noxious stimuli. Poster presented at the annual meeting of the American Pain Society, Washington D.C.
 24. **Williams, A.E.**, Russell, J.L., Maynard, L.J., Nguyen, M.V., McCabe, K.M., & Rhudy, J.L. (May, 2006). Conditioned fear-induced pain modulation in humans: The influence of preparedness. Poster presented at the annual meeting of the American Pain Society, San Antonio, TX.
 25. **Williams, A.E.**, McCabe, K., Nguyen, M., Rambo, P., & Rhudy, J.L., (March, 2005). Emotional modulation of pain and the nociceptive flexion reflex (NFR). Poster presented at the annual meeting of the American Pain Society, Boston, MA.

ORAL PRESENTATIONS & LECTURES

1. Bakr, S., Knight, J., Schlobin, N., Budnick, H., Desai, V., Hill, H., Johnson, S., **Williams, A.**, Tolley, J., & Raskin, J. Outcomes of Spinal Cord Stimulation for Treatment of Chronic Neuropathic Pain in Adolescent Patients: A Single Institution Series. (September 2022).

Selected for oral presentation at the 16th Asian Australasian Congress of Neurological Surgeons.

2. Jacob, S., LaMotte, J., **Williams, A.** (December 2021) Disparities in Pain Management in Communities of Color. DEIJ Series. Indiana University School of Medicine; Faculty Affairs, Professional Development, Diversity. https://iu.mediaspace.kaltura.com/media/t/1_99i7jsd7
3. **Williams, A.E.** (February 2021). *Pediatric Pain Management*. Adolescent Substance Use Disorder Prevention; Child/Adolescent Mental Health ECHO. Indiana University School of Medicine.
4. **Williams, A.E.** (July 2020). *Pediatric Pain Management*. Adolescent Substance Use Disorder Prevention; Child/Adolescent Mental Health ECHO. Indiana University School of Medicine.
5. **Williams, A.E.** & Hendrickson, M. (February 2019). Evidence Based Treatment of Pediatric Chronic Pain. Indiana University School of Medicine Pediatric Grand Rounds. Indianapolis, IN.
6. **Williams, A.E.** (July, 2018). Coping with Pediatric Chronic Pain. Indiana University School of Medicine, Section of Pediatric Rheumatology Grand Rounds. Indianapolis, IN.
7. **Williams, A.E.** (October, 2016). Pediatric Pain: Biopsychosocial Modulation of Pain and Implications for Psychotherapy Interventions. Indiana University School of Medicine Psychiatry Grand Rounds. Indianapolis, IN.
8. **Williams, A.E.** & Hulvershorn, L. (May, 2016). The Intersection of Adolescent Pain and Substance Use. 51st Annual Riley Hospital for Children at IU Health Pediatric Conference. Indianapolis, IN.
9. **Williams, A.E.** (March, 2016). Psychological Considerations in Pain: Supraspinal Pain Modulation and Implications for Optimal Treatment of the Patient in Pain. Invited Lecture at American Academy of Osteopathy 2016 Convocation. Orlando, FL.
10. **Williams, A.E.** (March, 2016). Non-Pharmacological Treatment of Pain: Psychotherapy Approaches to Pain. Invited Lecture to Integrative Medicine, Pediatrics, and Med-Peds Student Interest Groups at Indiana University School of Medicine, Indianapolis, IN.
11. **Williams, A.E.** (February, 2016). Anxiety in Pediatric Consultation Liaison Psychology. Invited Lecture at 39th annual Arthur B. Richter Conference in Child Psychiatry sponsored by the Indiana University School of Medicine Department of Psychiatry, Section of Child Psychiatry, and the Riley Hospital for Children Child and Adolescent Psychiatry Clinic. Indianapolis, IN.
12. **Williams, A.E.** (November, 2015). Psychological Treatment of Pediatric Pain: Supraspinal Pain Modulation and Implications for Psychotherapy Interventions. Invited Lecture at Indiana Psychological Association fall conference. Indianapolis, IN.
13. **Williams, A.E.** (October, 2015). Psychology of Functional Abdominal Pain. Invited lecture at Riley Hospital 3rd Annual "Updates in Pediatric GI for the Primary Care Clinician" conference. Indianapolis, IN.
14. Honaker, S., **Williams, A.E.**, Schroeder, J., & (November, 2014) Feeding Difficulties *in* Caring for the Littlest Ones: Best Practices in Addressing Common Developmental Difficulties in Youth Ages 0-3. Lecture at Indiana Psychological Association Fall Conference, Indianapolis, IN.

15. **Williams, A.E.** (December, 2013). Psychological Considerations in Pediatric Abdominal Pain. Lecture at Indiana Osteopathic Association Meeting, Indianapolis, IN.
16. **Williams, A.E.**, Czyzewski, D.I., Lane, M.M., Heitkemper, M., Jarrett, M., Cain, K.C., & Shulman, R.J. (May 2012). Impaired Diffuse Noxious Inhibitory Control (DNIC) in Young Girls with Irritable Bowel Syndrome (IBS) vs. Healthy Peers. Symposium Presentation at Digestive Disease Week, San Diego, CA.
17. **Williams, A.E.** & Samsi, M. (January 2012). Biofeedback. Invited presentation at annual Integrate Chicago Conference; Loyola University Medical Center, Maywood, IL.
18. **Williams, A.E.** (November 2011). Supraspinal Modulation of Pain: Physiological mechanisms and implications for psychological treatment. Invited presentation at Pediatric Grand Rounds, Loyola University Medical Center, Maywood, IL.
19. **Williams, A.E.** (September 2011). Supraspinal Modulation of Pain: Physiological mechanisms and implications for psychological treatment. Invited presentation at Psychiatry Grand Rounds, Loyola University Medical Center, Maywood, IL.
20. Nguyen, K., Cloyd, H. Czyzewski, D.I., & **Williams, A.E.** (November 2010). Case Presentation: Multidisciplinary treatment of a child with polycystic kidney disease. Presentation given at meeting of the interdisciplinary pain team at Texas Children's Hospital, Houston, TX.
21. **Williams, A.E.**, Czyzewski, D.I., & Lane, M.M. (June 2010). Psychological assessment and treatment of pediatric pain and headaches. Presentation given at meeting of the interdisciplinary pain team at Texas Children's Hospital.
22. **Williams, A.E.** (October 2008). Supraspinal modulation of trigeminal pain and nociception. Presentation given for Baylor College of Medicine Psychiatry Department.

EDUCATIONAL DUTIES

2019 – present: Training Director and Clinical Supervisor for Clinical Psychology Fellowship in Pediatric Psychology, Indiana University School of Medicine.

2015 – present: Course Director for Consultation Liaison didactics for Indiana University Psychology Internship Program.

2015 – 2019: Course Director for Human Development Didactics for Indiana University Psychiatry Residents.

DIDACTIC TEACHING EXPERIENCE

Psychiatry Residency and Child Fellow Didactic Teaching

1. **Williams, A.E.**, Psychological Treatment of Chronic Pain. Didactic Session for IUSM Child Psychiatry Fellows, Indianapolis, IN, November, 2021.
2. **Williams, A.E.** Biofeedback, Didactic Session for Indiana University Child Psychiatry Fellows, Indianapolis, IN, May 2020.
3. **Williams, A.E.** Psychological Conceptualization and Treatment of Pediatric Pain, Didactic session for Indiana University Psychiatry Residents, Indianapolis, IN, December 2019.
4. **Williams, A.E.** Psychosocial Development, Didactic session for Indiana University Psychiatry Residents, Indianapolis, IN, 2015, 2016, 2017, 2018.

5. **Williams, A.E.**, & Blake, H. Anxiety in Consultation Liaison, Didactic session for Indiana University Child Psychiatry Fellows, Indianapolis, IN, February 2018.
6. **Williams, A.E.**, & Giust, J. Child Consultation Liaison Didactics (6 sessions) for Indiana University Child Psychiatry Fellows, Indianapolis, IN, 2014, 2016, 2018
7. **Williams, A.E.** Lecture on Quantitative Sensory Testing of Pain for PGY3 Psychiatry Resident didactics at Indiana University School of Medicine, Indianapolis, IN, May 2014.
8. **Williams, A.E.**, & Beatrice, C. Child Development didactics for PGY2 Psychiatry Residents. Loyola University Medical Center, Maywood, IL. October 2012 – January 2013.

Psychology Fellow Didactics

1. **Williams, A.E.**, ABPP board certification. Section of Psychology Fellowships Didactics, Indiana University School of Medicine. April 2022
2. **Williams, A.E.**, Faculty Job Search for Psychologists; Q&A Session. Section of Psychology Fellowships Didactics, Indiana University School of Medicine. February 2021, January 2022.
3. **Williams, A.E.** Evidence-Based Therapy Relationships. Section of Psychology Fellowships Didactics, Indiana University School of Medicine. January 2020.
4. **Williams, A.E.** Juggling Professional Roles. Section of Psychology Fellowships Didactics, Indiana University School of Medicine. November 2019, May 2021.

Psychology Internship Didactic Teaching

1. **Williams, A.E.**, Biofeedback, Lecture in Indiana University School of Medicine Psychology Internship Quarterly Educational Seminar, Indianapolis, IN June 2020, March 2021.
2. **Williams, A.E.**, Psychological Conceptualization and Treatment of Pediatric Pain, Lecture in Interventions Course, Indiana University School of Medicine Psychology Internship, 2018, Jan 2020, Nov 2020, Jan 2022.
3. ***Williams, A.E.**, Consultation Liaison Psychology Didactics, Indiana University School of Medicine Psychology Internship, 3 sessions in 2015, 2 sessions in 2016 & 2 sessions in 2019, 1 session in 2020, 2 sessions in 2021, 1 session in 2022
4. **Williams A.E., et. al.** Professional Development Didactic Panel Series. Miscellaneous Professional Development Panel May 2022, Career-Life Balance June 2022

Medical School Didactic Teaching

1. **Williams, A.E.** Lecture in Neuroscience Course at Indiana University School of Medicine; Non-Pharmacologic Methods of Pain Control. Indianapolis, IN, April, 2017.
2. **Williams, A.E.** Selected Lectures at Marian University College of Osteopathic Medicine, Indianapolis, IN.

Behavioral Medicine

- a) Introduction to Behavioral Medicine. February, 2017.
- b) Child Development. February, 2017.
- c) Feeding Disorders and Elimination Disorders. February, 2017.
- d) Psychiatric Aspects of Pain. February, 2017.

- e) Non-Pharmacological Treatment of Pain: Psychotherapy Approaches to Pain. February, 2015, March, 2016, February 2017.

Introduction to Clinical Medicine, 2013-2014 academic year, lecturer and small group leader on topics including:

- a) Physician-Patient Communication
- b) Handling Difficult Patient Encounters
- c) Cultural Competence

- 3. **Williams, A.E.** & Boyd, L. Child Development lecture in Behavioral Medicine & Development course for first year medical students. Stritch School of Medicine, Maywood, IL. August 2012.

Pediatric Resident Didactic Teaching

- 1. **Williams, A.E.** & Blake, H. (February 2018). Somatization Disorders in Pediatrics. Lecture at Pediatrics Noon Conference. Riley Hospital for Children, Indianapolis, IN
- 2. **Williams, A.E.** (October 2013) Psychosocial Factors in Pediatric GI: Recommendations for Behavioral Management of Encopresis and Feeding Disorders. Lecture at Riley Hospital for Children DBP & Child Psychiatry Joint Case Conference, Indianapolis, IN.

AWARDS & HONORS

- 2021 Diversity Champion; Society for Pediatric Psychology Diversity Champions Program.
- 2009 Professionalism Award – Baylor College of Medicine Psychology internship.
- 2007 Tursky Award for Excellence in Predoctoral Research in Psychophysiology – Society for Psychophysiological Research (\$500) – Project: *Affective modulation of blink reflexes following painful trigeminal nerve stimulation.*
- 2006 Chapman Distinguished Ph.D. Award (\$225) – Project: *Affective modulation of somatosensory-evoked blinks elicited by noxious sural nerve stimulation.*
- 2006 University of Tulsa Student Research Travel Award (\$100) – Project: *Affective modulation of somatosensory-evoked blinks elicited by noxious sural nerve stimulation.*
- 2006 American Pain Society Young Investigator Travel Award (\$750) – Project: *Conditioned fear-induced pain modulation in humans: The influence of preparedness*
- 2005 American Pain Society Young Investigator Travel Award (\$750) – Project: *Emotional modulation of pain and the nociceptive flexion reflex (NFR)*
- 2005 The University of Tulsa Chapman Doctoral Research Fellowship – Project: Physiological Reactions to Facial Expressions, Heat, and Electrical Stimulation
- 2005 The University of Tulsa Annual Student Research Colloquium (\$200) – Project: Emotion Modulates Nociception (Pain Processing) at Spinal and Supraspinal Levels

PROFESSIONAL AFFILIATIONS

American Psychological Association (APA)
Society of Pediatric Psychology, APA Division 54
International Association for the Study of Pain (IASP)
United States Association for the Study of Pain (USASP)

EDITORIAL REVIEW EXPERIENCE

Editorial Board Member

2009-2015

Annals of Behavioral Medicine

Ad-Hoc reviewer 2009-present

The Journal of Pain

Pain

Emotion

Health Psychology

Applied Psychophysiology and Biofeedback

The Clinical Journal of Pain

BMC Research Notes

Journal of Pediatric Psychology

Annals of Behavioral Medicine

Health Psychology and Behavioral Medicine