

JIHEE YOON

Curriculum Vitae

CONTACT INFORMATION

Indiana University Indianapolis
School of Science
Department of Psychology
402 N Blackford Street, LD 124
Indianapolis, IN 46202
Phone: (919) 923-8884
Email: yoon16@iu.edu

EDUCATION

Ph.D. in Clinical Psychology **May 2029**
Indiana University Indianapolis, Indianapolis, IN

M.S. in Medical Sciences **May 2022**
Boston University, Boston, MA
Thesis: Examining the effects of total knee arthroplasty enhanced with a brief mindfulness-based cognitive behavioral therapy on pain and pain-related outcomes: A pilot study
Mentor: Dr. Samantha Meints, PhD

B.S. in Psychology **May 2018**
University of North Carolina at Chapel Hill, Chapel Hill, NC
Minors in Chemistry and Neuroscience

PEER-REVIEWED PUBLICATIONS

*Equally contributing authors

- *Wilson, J. M., *Yoon, J., Mun, C. J., Meints, S. M., Campbell, C. M., Haythornthwaite, J. A., Smith, M. T., Edwards, R. R., & Schreiber, K. L. (2024). The association between changes in clinical pain severity and IL-6 reactivity among patients undergoing total knee arthroplasty: The moderating role of change in insomnia. *Brain, Behavior, and Immunity*. doi: 10.1016/j.bbi.2024.06.001.
- *Yoon, J., *Kim, A., Wilson, J. M., Yamin, J. B., Schreiber, K. L., Edwards, R. R., Cornelius, M. C., Campbell, C. M., Smith, M. T., Haythornthwaite, J. A., Sieberg, C. B., Meints, S. M. (2024). A preliminary examination of childhood abuse, resilience, and pain in patients with knee osteoarthritis: A secondary analysis. *Scandinavian Journal of Pain*. doi: 10.1515/sjpain-2023-0122.
- Franqueiro, A. R., Yoon, J., Crago, M. A., Curiel, M., & Wilson, J. M. (2023). The Interconnection Between Social Support and Emotional Distress Among Individuals with Chronic Pain: A Narrative Review. *Psychol Res Behav Manag*. doi.org/10.2147/PRBM.S410606.
- Wilson, J. M., Yoon, J., Schreiber, K. L., Edwards, R. R., Sieberg, C. B., & Meints, S. M. (2023). Interactive effects of sleep disturbance and opioid use on pain-related interference and physical functioning among patients with chronic low back pain. *Pain Medicine*. doi: 10.1093/pm/pnad101.
- Pester, B. D., Yoon, J., Yamin, J. B., Papianou, L., Edwards, R. R., & Meints, S. M. (2023). Let's get physical! A comprehensive review of pre- and post-surgical interventions targeting physical activity to improve pain and functional outcomes in spine surgery patients. *Journal of Clinical Medicine*. doi: 10.3390/jcm12072608.

JIHEE YOON

Curriculum Vitae

Wilson, J. M., Madden, V. J., Pester, B. D., **Yoon, J.**, Papianou, L., Meints, S. M., Campbell, C. M., Smith, M. T., Haythornthwaite, J. A., Edwards, R. R., & Schreiber, K. L. (2023). Change in pain during physical activity following total knee arthroplasty: Associations with improved physical function and decreased situational pain catastrophizing. *Innovation in Aging*. doi: 10.1093/geroni/igad045.

Pester, B. D., Wilson, J. M., **Yoon, J.**, Lazaridou, A., Schreiber, K. L., Cornelius, M., Campbell, C., Smith, M., Haythornthwaite, J., Edwards, R. R., & Meints, S. M. (2022). Brief mindfulness-based cognitive behavioral therapy is associated with faster recovery in patients undergoing total knee arthroplasty: A pilot clinical trial. *Pain Medicine*, 24, 576–585. doi: 10.1093/pm/pnac183.

MANUSCRIPTS IN PREPARATION

*Equally contributing authors

Issenmana, J., Comptdaer, G., Lunde, C. E., Edwards, R. R., Sieberg, C. B., **Yoon, J.**, Meints, S. M. (Under review; PAIN Reports). The impact of acute stress perception on pain outcomes.

Yamin, Y. B., Wilson, J. M., Pester, B. D., Allen, C. A., **Yoon, J.**, Cornelius, M. C., Dharmendran, D., Steinhilber, K., Crago, M. A., Kazemipour, S., Franqueiro, A. R., Fentazi, D., Schreiber, K. L., Vowles, K., Edwards, R. R., Jamison, R. N., Meints, S. M. (In prep). Feasibility and acceptability of a single-session perioperative Acceptance and Commitment Therapy (ACT) workshop for preventing chronic postsurgical pain: A single-arm, non-randomized pilot trial.

ORAL PRESENTATIONS

Differences in pain sensitivity among former professional American-style football players. Datablitz presented during the Diversity, Inclusion, and Antiracism SIG of the United States Association for the Study of Pain (USASP) meeting; June 3, 2024.

Interactive effect of sleep disturbance and opioid use on pain severity and interference among patients with chronic low back pain. Presented at the sleep and pain special interest group meeting at the 2023 United States Association for the Study of Pain (USASP) annual scientific meeting; April 12, 2023; Durham, NC, USA.

CONFERENCE PRESENTATIONS

Yoon, J., Issenmana, J., Comptdaer, G., Lunde, C. E., Edwards, R. R., Sieberg, C. B., Meints, S. M. The impact of acute stress perception on pain outcomes. Poster will be presented at: 2024 IASP world congress on pain; August 2024; Amsterdam, Netherlands.

Wilson, J. M., **Yoon, J.**, Meints, S. M., Mun, C. J., Smith, M. T., Campbell, C. M., Haythornthwaite, J. A., Edwards, R. R., Schreiber, K. L. The association between decreased IL-6 reactivity and improved clinical pain severity among patients undergoing total knee arthroplasty: The moderating role of insomnia. Poster presented at: 2024 USASP annual scientific meeting; April 2024; Seattle, WA, USA.

Yoon, J., Edwards, R. R., Tan, C. O., Dairi, I., Zafonte, R., Grashow, R., Meints, S. M. Race Differences in Pain Sensitivity Among Former Professional American-style Football Players. Poster presented at: 2024 USASP annual scientific meeting; April 2024; Seattle, WA, USA.

Yoon, J., Wilson, J. M., Sieberg, C. B., Edwards, R. R., Meints, S. M. Interactive effect of sleep disturbance on opioid use on pain severity and interference among patients with chronic low back pain. Poster presented at: 2023 USASP annual scientific meeting; April 2023; Durham, NC, USA.

JIHEE YOON

Curriculum Vitae

Yoon, J., Pester, B. D., Wilson, J. M., Schreiber, K. L., Cornelius, M. C., Campbell, C. M., Smith, M. T., Haythornthwaite, J. A., Edwards, R. R., Meints, S. M. Brief mindfulness-based cognitive behavioral therapy is associated with faster recovery in patients undergoing total knee arthroplasty. Poster presented at: 2022 IASP world congress on pain; September 2022; Toronto, Canada.

RESEARCH EXPERIENCES

Research Coordinator

August 2022-present

Brigham and Women's Hospital, Department of Anesthesiology Perioperative and Pain Medicine

Mentors: Robert R. Edwards, PhD
Samantha Meints, PhD

Project: A Proof of Concept in Treating Back Pain and Negative Affect

Role: Site manager

- Manage project, weekly agendas, and project timelines
- Supervise and train new staff on study protocols and testing procedures
- Prepare and submit IRB regulatory documents for human subject research
- Recruit and screen patients
- Develop, organize, and maintain the study database and regulatory documents in compliance with all government, sponsor, and IRB requirements
- Perform psychophysical assessments (i.e., quantitative sensory testing)
- Export, clean, and code quantitative data using excel and SPSS
- Analyze cross-sectional and longitudinal datasets
- Lead manuscript preparation and submissions for peer-reviewed journals and national and international conference presentations

Graduate Research Student/Intern

August 2021-May 2022

Brigham and Women's Hospital, Department of Anesthesiology Perioperative and Pain Medicine

Mentor: Dr. Samantha Meints, PhD

- Examined the effects of non-pharmacological intervention (i.e., mindfulness-based cognitive behavioral therapy) on post-surgical outcomes in participants undergoing total knee arthroplasty
- Collaborated as a co-author conceptualizing, writing, and editing published manuscripts (see Pester et al., 2022; Pester et al., 2023)
- Led participant recruitment for clinical trials
- Performed medical record abstraction for study relevant data and for recruitment
- Performed data entry, cleaning, and analysis using REDCap, Excel, and SPSS
- Assisted in developing and implementing research protocols (e.g., conducting literature review on study measures and assisting in the development of study protocol for qualitative interviews)

Research Assistant

August 2017-May 2019

Lineberger Comprehensive Cancer Center,
University of North Carolina at Chapel Hill

Mentor: Jen Jen Yeh, MD

- Worked with Dr. Jen Jen Yeh and her team in identifying novel therapeutic targets to treat pancreatic cancer using genomic and proteomic methods
- Provided technical support for laboratory investigations, including planning and performance of detailed experiments, trouble-shooting new and established techniques, as well as collection, interpretation, and documentation of results

JIHEE YOON

Curriculum Vitae

- Performed specialized techniques such as DNA/RNA library prep for next-generation sequencing, PCR, qPCR, cell culture, tissue fixation, and sectioning
- Managed Patient-Derived Xenografts (PDX)-derived pancreatic tumor samples and cell lines, including storing and performing quality control, record-keeping, and data entry (e.g., prepared and examined histopathology of PDX and human tumor samples for quality control)
- Developed, organized, and maintained the study database as well as records of research activities
- Supervised and trained new staff and student interns on study procedures and specialized laboratory techniques

Research Assistant

August 2016-May 2017

University of North Carolina at Chapel Hill, **Mentor:** Dr. Sylvia Frazier-Bowers, DDS, PhD
Department of Orthodontics

- Investigated the gene expression of PTH1R and its implication on patients with Primary Failure Eruption
- Performed specialized laboratory techniques such as DNA extraction, PCR, and gel electrophoresis
- Maintained detailed laboratory notes with organized records and data
- Performed data entry, cleaning, and analysis using XXXXX
- Maintained laboratory stock solutions and reagents, including maintaining inventory, ordering, and cataloging all necessary reagents and supplies

CLINICAL EXPERIENCES

Scribe

August 2022-present

Brigham and Women's Hospital, Department of
Anesthesiology Perioperative and Pain Medicine Boston, MA

- Assisted psychiatrist and clinical psychologist in documenting patient medical and psychological history during an initial intake interview for participants enrolled in a clinical trial
- Monitored clients' compliance to medication routine and treatment plan
- Maintained confidentiality of records relating to clients' treatment

Medical Scribe

August 2021-August 2022

Boston Medical Center Boston, MA

- Documented patient history, clinical findings, in-clinic procedures, diagnoses, and treatment plans as dictated by physicians
- Organized and transcribed all ancillary test results including audiogram, vestibular testing, sleep study, and imaging studies
- Performed in-depth reviews of patient history to maintain consistency, quality, and completeness of the documentation
- Demonstrated competency in understanding of medical terminology, anatomy, physiology, and treatment assessments to the extent required to accurately document dictated reports
- Gained experience in active listening, critical thinking, problem-solving, and effective communication

JIHEE YOON

Curriculum Vitae

SKILLS

Computer packages and programming: SPSS, PRISM GraphPad, REDCap, Microsoft Office products (Word, Excel, PowerPoint, Outlook, OneNote).

Statistical analyses: Ability to perform both cross-sectional and longitudinal data analysis with appropriate parametric or nonparametric test including multi-level modeling, multiple regression, logistic regression, confounding and moderation/interactions, t-tests (mann-whitney U or wilcoxon sign), ANOVA (kruskal-wallis), correlations (spearman and pearson), repeated measures correlations, and chi-square.

Small animal/laboratory: DNA/RNA library prep, DNA/RNA extraction, PCR, qPCR, cell culture, and tissue fixation and sectioning.

EDITORIAL ACTIVITIES

Ad-Hoc Reviewer: The Journal of Pain, Pain, Pain Medicine, Journal of Pain Research

GRANTS, HONORS, AND SCHOLARSHIPS

Graduate Diversity Fellowship, Indiana University Indianapolis	2024-2025
Young Investigator Travel Award, US Association for the Study of Pain	2024
President's Volunteer Service Award, Gold	2019
Dean's List of High Honors, University of North Carolina at Chapel Hill	2016-2019