

Margaret Rose-McCandlish

APPIC Match Code: 21035

Curriculum Vitae – November 2025

CONTACT INFORMATION

Indiana University Indianapolis
School of Science
Department of Psychology
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Indianapolis, IN 46202
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CURRENT POSITION

Ph.D. Candidate in Clinical Psychology

Health Psychology Concentration

Faculty Mentor: Adam Hirsh, Ph.D.

Indiana University Indianapolis

Indianapolis, IN

Dissertation (in progress): The role of pain attribution and perceived acceptability in physicians' pain treatment decisions

Committee: Adam Hirsh, Ph.D., India Johnson, Ph.D., Catherine Mosher, Ph.D., Jesse Stewart, Ph.D.

EDUCATION

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| 2025 | Admitted to Ph.D. Candidacy in Clinical Psychology
Indiana University Indianapolis
<u>Preliminary Exam</u> : Biofeedback for chronic back pain: An updated meta-analysis
<u>Committee</u> : Adam Hirsh, Ph.D., Catherine Mosher, Ph.D., Jesse Stewart, Ph.D. |
| 2024 | M.S. in Clinical Psychology
Indiana University Indianapolis
<u>Thesis</u> : Bias in pain care: What patient variables do providers report as influencing their treatment decisions?
<u>Committee</u> : Adam Hirsh, Ph.D., Catherine Mosher, Ph.D., Jesse Stewart, Ph.D. |
| 2018 | B.A. in Psychology (<i>magna cum laude</i>)
Minors in English and American Literature; French
Middlebury College
Middlebury, VT |

CLINICAL EXPERIENCE

- Aug. 2025-present **Doctoral Practicum Trainee, Addiction Treatment and Recovery Center, Indiana University Health Methodist Hospital/Indiana University Neuroscience Center**
Supervisor: Allyson Dir, Ph.D.
- Serve as co-therapist for group acceptance and commitment therapy (ACT), cognitive behavioral therapy (CBT), dialectical behavior therapy (DBT), motivational enhancement therapy (MET), and motivational interviewing (MI) interventions in intensive outpatient program for substance use
 - Serve as co-therapist for individual ACT, CBT, DBT, MET, and MI interventions for substance use
 - Provide consultation for other providers on patients with comorbid substance use and chronic pain
- June 2024-July 2025 **Doctoral Practicum Trainee, Pain Rehabilitation Program, Indiana University Health Methodist Hospital/Indiana University Neuroscience Center**
Supervisor: Lindsay Flegge, Ph.D.
- Led group CBT interventions (both virtual and in-person) as part of an intensive outpatient pain rehabilitation program
 - Assisted supervisor in establishing a new biofeedback clinic (including choosing interventions, selecting psychoeducation materials, creating instructions for at-home biofeedback practice, and developing outcome measures)
 - Conducted biofeedback interventions for patients with chronic pain conditions and, often, comorbid psychiatric conditions
 - Provided individual CBT interventions for chronic pain
 - Assisted with research study assessing feasibility of virtual group biofeedback trainings for patients with chronic pain
 - Conducted clinical intake interviews to assess patient fit in pain rehabilitation program and provided additional referrals for medical, psychological, or other care
 - Monitored and analyzed outcomes of, and barriers to access for, biofeedback therapy
 - Worked with interdisciplinary pain rehabilitation team to ensure quality and coordination of patient care
- Aug. 2023-May 2024 **Doctoral Practicum Trainee, Indiana Neuropsychology Group**
Supervisor: Kevin Rand, Ph.D.
- Administered, scored, and interpreted psychodiagnostic testing of intelligence, personality, attention, and emotional functioning.
 - Conducted clinical interviews
 - Diagnosed patients with a range of developmental, dissociative, mood, anxiety, personality, substance use, and trauma- and stressor-related disorders.
 - Wrote 18 integrated psychodiagnostic assessment reports

Aug. 2022-
May 2023 **Doctoral Practicum Trainee, Clinical Psychology Mental Health Center, Indiana University Indianapolis**

Supervisor: Deanna Barthlow-Potkanowicz, Ph.D.

- Provided individual therapy (e.g., ACT, CBT, MI) for patients presenting with mental health concerns, including depression, anxiety, trauma- and stressor-related disorders, substance use, and sleep disorders
- Conducted clinical intake interviews
- Tracked patient progress using outcome measures (e.g., GAD-7, PHQ-9)
- Administered and scored psychodiagnostic testing of intelligence, achievement, personality, attention, and cognition
- Wrote 4 integrated reports, including recommendations for educational accommodations
- Provided feedback to patients based on psychodiagnostic assessments

June 2017-
July 2017 **Clinical Intern, Essex County Mental Health Services**

- Participated in team meetings, inter-organizational meetings, group therapy meetings and Alternatives to Incarceration diversion court proceedings
- Created and presented a didactic presentation on chronic pain to clinical staff
- Supported one-on-one sessions and registrations with clients with chronic pain
- Gained experience facilitating health interventions in a rural, economically disadvantaged setting

ASSESSMENTS ADMINISTERED AND INTERPRETED

Adult ADHD Self-Report Scale
Barkley Adult ADHD Rating Scale-IV
Beck Anxiety Inventory
Beck Depression Inventory
Conners Continuous Auditory Test of Attention
Conners Performance Test-3
Millon Clinical Multiaxial Inventory-IV
Millon Adolescent Clinical Inventory
Minnesota Multiphasic Personality Inventory-2

Minnesota Multiphasic Personality Inventory-Adolescent
Montreal Cognitive Assessment
Ritvo Autism and Asberger's Diagnostic Scale
Trail Making A & B
Wechsler Adult Intelligence Scale-IV
Wechsler Individual Achievement Test-IV
Wechsler Intelligence Scale for Children-V

RESEARCH EXPERIENCE

May 2025-
Present **Interventionist, Eskenazi Health/Regenstrief Institute**
Supervisors: Marianne Matthias, Ph.D., Adam Hirsh, Ph.D., and Kevin Rand, Ph.D.
R61/R33NR020845

- Conduct individual virtual MI interventions for Black patients with chronic pain and depression presenting to a safety-net hospital as part of Equity Using Interventions for Pain and Depression (EQUIPD) study
- Provide education on non-pharmacological treatments for chronic pain
- Foster self-efficacy and health activation
- Communicate with research team on how best to retain and support patients with financial instability

Dec. 2022-
June 2025 **Interventionist, Health Services Research and Development, Richard L. Roudebush Veterans' Administration Medical Center**
Supervisors: Marianne Matthias, Ph.D., Adam Hirsh, Ph.D., and Kevin Rand, Ph.D.
SDR 21-012

- Conducted individual virtual MI interventions for veterans with chronic pain (and often comorbid psychiatric conditions) presenting to VA as part of Options for Pain Management Using Non-Medication Strategies (OPTIONS) study
- Trained interventionists for OPTIONS study as well as a similar study carried out at Eskenazi Health (EQUIPD)

Feb. 2018-
Feb. 2021 **Post-baccalaureate Intramural Research Training Award Fellow, Section on Affective Neuroscience and Pain, National Center for Complementary and Integrative Health, National Institutes of Health**
Supervisor: Lauren Atlas, Ph.D.

- Conducted fMRI study on mechanisms of pain modulation using acute heat pain and appetitive and aversive tastants
- Carried out study on pain expression and assessment using heat, cold, and shock
- Assisted with study on impact of COVID-19 pandemic on mental health, including leading own analyses
- Led analyses on reliability of responses to painful stimuli
- Wrote manuscripts and prepared figures for publication
- Collected behavioral and physiological data (SCR, PPG, EMG, EKG, respiration)
- Processed and analyzed physiological data (Ledalab, PsPM)
- Collected and processed neuroimaging data (AFNI)
- Ran statistical analyses (Matlab, R)
- Reviewed literature to inform study designs and systematic reviews
- Recruited, organized, and scheduled participants
- Trained new lab members

Jan. 2015-
Oct. 2015;
Sept. 2017-
Jan. 2018 **Research Assistant, Clinical Psychophysiology Lab, Department of Psychology, Middlebury College**
Supervisor: Dr. Matthew Kimble
2R15MH081276-02, 2R15MH081276-03

- Carried out study on hypervigilance in post-traumatic stress disorder
- Provided support for clinical interviews with participants
- Collected behavioral and physiological data (EEG, eye tracking)
- Carried out study on relationship between trauma and environmental triggers

June 2015-
July 2015 **Research Intern, Clinical Psychophysiology Lab, Department of Psychology, Middlebury College**
Supervisor: Dr. Matthew Kimble
2R15MH081276-03

- Reviewed literature on psychometric equipment and job-hiring biases
- Designed a study on implicit biases against veterans
- Created an Implicit Association Test (SuperLab)
- Drafted IRB proposal for implicit bias study

GRANTS, AWARDS, AND HONORS

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| 2025 | Clinical Psychology Research Award (\$1,500)
Indiana University Indianapolis |
| 2025 | Graduate and Professional Education Grant (\$500)
Indiana University Indianapolis |
| 2025 | Graduate School Travel Fellowship Award (\$500)
Indiana University Indianapolis |
| 2025 | Clinical Psychology Domestic Travel Award (\$500)
Indiana University Indianapolis |
| 2024 | Graduate and Professional Education Grant (\$500)
Indiana University Indianapolis |
| 2024 | Clinical Psychology International Travel Award (\$750)
Indiana University Indianapolis |
| 2023 | Merit Award: Intramural Scientific Achievement: For innovative use of text analysis to study the relationship between language use and mental health
National Center for Complementary and Integrative Health |
| 2021 | Diversity, Inclusion, and Community Outreach Award: For commitment to excellence in promoting inclusivity, diversity, and equity efforts within NCCIH and Intramural Research Program
National Center for Complementary and Integrative Health |
| 2021 | University Fellowship (\$22,500)
Indiana University Indianapolis |

PEER-REVIEWED PUBLICATIONS

*Denotes joint first-authorship

- *Zhao, Y., *Lee, I.S., **Rose-McCandlish, M.**, Yu, Q., Mischkowski, D., Avery, J., Ingleholm, J.E., Reynolds, R., Chen, G., Atlas, L.Y. (accepted). Domain-general neural effects of associative learning and expectations on pain and hedonic taste perception. *Journal of Neuroscience*.
- Weger, R., Lossio-Ventura J.-A., **Rose-McCandlish, M.**, Shaw, J., Sinclair, S., Pereira, F., Chung, J., Atlas, L. (2023). "Is there anything else you would like to tell us?": An analysis of language features in text responses to a study on mental health during COVID-19. *Journal of Medical Internet Research Mental Health*, 10. doi: 10.2196/40899
- *Amir, C., ***Rose-McCandlish, M.**, *Weger, R., Dildine, T., Mischkowski, D., Necka, E., Lee, I., Wager, T.D., Pine, D.S., & Atlas, L.Y. (2022). Test-retest reliability of an adaptive thermal pain calibration procedure in healthy volunteers. *The Journal of Pain*, 23(9), 1543-1555.
<https://doi.org/10.1016/j.jpain.2022.01.011>

ORAL PRESENTATIONS, LECTURES, AND SYMPOSIA

- Rose-McCandlish, M.** (accepted). *What we think versus what we do- Provider bias and aversive racism*. In M. Vorensky (Chair), From evidence to action: Examining provider bias across pain populations and disciplines. Symposium to be presented at the 2026 United States Association for the Study of Pain Annual Scientific Meeting.
- Rose-McCandlish, M.** (2025, September). *Chronic Pain and the Queer Community*. Lecture presented at LGBTQ+ Health series meeting of Project ECHO (Extension for Community Healthcare Outcomes), Richard M. Fairbanks School of Public Health. Indianapolis, IN.
- Rose-McCandlish, M.,** Lee, I.S., Yu, Q., & Atlas, L.Y. (2020, August). *Modulation of pain and taste perception by expectation*. Oral presentation delivered at Centre for Multimodal Sensorimotor and Pain Research Trainee DataBlitz. Toronto, ON, Canada (virtual attendance).
- Rose-McCandlish, M.,** Lee, I.S., & Atlas, L.Y. (2019, June). *Differences in expectations for pain stimuli and non-pain aversive and appetitive stimuli*. Oral presentation delivered at NCCIH Division of Intramural Research Annual Research Retreat. National Institutes of Health, Bethesda, MD.

POSTERS

- Rose-McCandlish, M.A.,** Flegge, L.G., & Hirsh, A.T. (2025, April). *Characterizing access to, and uptake of, biofeedback for chronic pain*. Presented at United States Association for the Study of Pain Annual Scientific Meeting. Chicago, IL.
- Sherwood, K., Zhao, Y., Lee, I.S., Yu, Q., **Rose-McCandlish, M.A.,** Atlas., L.Y. (2024, August). *Sympathetic arousal during the anticipation of thermal pain, appetitive, and aversive stimuli*. Presented at International Association for the Study of Pain 2024 World Congress on Pain. Amsterdam, NH, the Netherlands.
- Rose-McCandlish, M.A.,** Anastas, T.M., Miller., M.M., & Hirsh, A.T. (2024, April). *Gender bias in pain care: What physicians say vs. what they do*. Presented at United States Association for the Study of Pain Annual Scientific Meeting. Seattle, WA.
- Rose-McCandlish, M.A.,** Anastas, T.M., Miller., M.M., & Hirsh, A.T. (2023, May). *Bias in pain care: What factors do providers report as influencing their treatment decisions?* Presented at Canadian Pain Society Annual Scientific Meeting. Banff, AB, Canada.
- Zhao, Y., Lee, I.S., Yu, Q., **Rose-McCandlish, M.,** Mischkowski, D., Avery, J., Ingeholm, J., & Atlas, L. (2023, April). *Learned cues modulate heat and aversive and pleasant tastes: Effects on subjective ratings and brain responses to cues*. Presented at United States Association for the Study of Pain Annual Scientific Meeting. Durham, NC.
- Akintola, T., Weger, R., & **Rose-McCandlish, M.** (2020, November). *Associations between psychological and physical health during the COVID-19 pandemic and relationships with chronic pain*. Presented at NCCIH Division of Intramural Research Lab Presentations. National Institutes of Health, Bethesda, MD (virtual attendance).
- Rose-McCandlish, M.,** Chung., J., & Atlas, L.Y. (2020, September). *Evaluating potential relationships between loneliness and pain during the COVID-19 pandemic*. Presented at NIMH Scientific Training Day. National Institutes of Health, Bethesda, MD (virtual attendance).

Rose-McCandlish, M., Lee, I.S., Yu, Q., & Atlas, L.Y. (2020, April). *Relationship between fear of pain and modulation of pain by expectation*. Presented at NIH Intramural Postbaccalaureate Poster Symposium. National Institutes of Health, Bethesda, MD (virtual attendance).

Rose-McCandlish, M., Lee, I.S., & Atlas, L.Y. (2019, May). *Subjective sensitivity to multimodal aversive stimuli*. Presented at NIH Intramural Postbaccalaureate Poster Symposium. National Institutes of Health, Bethesda, MD.

TEACHING EXPERIENCE

- Aug. 2022-present **Teaching Assistant, Psychology Department, Indiana University Indianapolis**
- Courses: Abnormal Psychology, Child and Adolescent Psychology, Cognition, Statistics (undergraduate- and graduate-level), Assessment (graduate-level)
- Oct. 2016-Jan. 2017 **Special Education Tutor, Lake Placid Central School**
- Tutored high school student with cognitive impairment and chronic health conditions in her home
 - Tutored elementary school student with severe psychiatric disorder on-location
 - Planned lessons to meet unique needs of students
- Oct. 2013-May 2015 **Teaching Assistant, Mary Johnson Children's Center**
- Worked with children ages 1-5
 - Directed children's behavior towards self and others
 - Assisted with mealtimes, naptimes, and hygiene
 - Worked as a team with teachers and teacher assistants

UNIVERSITY AND COMMUNITY INVOLVEMENT

- Apr. 2025-present **Graduate Student Diversity Committee Chair, Psychology Department, Indiana University Indianapolis**
- Coordinate with faculty to obtain funding for awards, workshops
 - Review nominations for, and select winner of, Community Leadership Award
 - Invite speaker for, and put on, yearly workshop
 - Conduct yearly climate survey of graduate program
 - Bring student concerns to faculty
 - Organize and lead monthly meetings
- Jan. 2022-present **'Riot Reads' book club leader and founder, Indy Reads**
- Lead a book club with a non-profit community literacy organization to promote literacy using books by authors from marginalized backgrounds
 - Choose monthly books according to member feedback
 - Moderate respectful and inclusive discussion at monthly book club meetings

Mar. 2024-
Apr. 2025 **Graduate Student Diversity Committee Representative, Psychology Department,
Indiana University Indianapolis**

- Provided resources to students and faculty
- Heard students' concerns and helped decide on appropriate action
- Planned and put on a yearly Diversity Workshop

Aug. 2020-
Feb. 2021 **Communications Chair and founding member, Inclusion, Diversity, and Equity
Activities Group, National Center for Complementary and Integrative Health,
National Institutes of Health**

- Met with other institutes to discuss diversity and equity-related action
- Maintained and moderated communication platform
- Collected and distributed information about diversity and equity-related activities
- Developed trans-institute diversity initiative
- Moderated journal club on diversity in healthcare

Feb. 2016-
Apr. 2016 **Volunteer Tutor, OCM Ceasil, Paris, France**

- Tutored elementary and middle school students with homework in an after-school program
- Worked with students whose families had recently emigrated to France from the Middle East or North Africa
- Taught students English and French

SELECTED TRAININGS AND WORKSHOPS

2025	Introduction to Structural Equation Modeling
2025	Meta-Analysis/Systematic Review Workshop
2025	IU Health Clinical Workshop: Assessing and Treating Eating Disorders
2025	Graduate Student Diversity Committee Workshop: Dr. Yolanda Flores Niemann
2024	DEI Workshop: Human-made "Climate" Change
2023	Graduate Student Diversity Committee Workshop: Ableism in Academia
2023	Dialectical Behavior Therapy Workshop
2019	Creating Plots in R
2018	Analysis of Functional NeuroImages (AFNI) Bootcamp

PROFESSIONAL AFFILIATIONS

Student Affiliate, APA Division 8: Society for Personality and Social Psychology
Student Affiliate, APA Division 22: Rehabilitation Psychology
Student Affiliate, APA Division 38: Society for Health Psychology
Student Affiliate, APA Division 50: Society of Addiction Psychology
Trainee Member, International Association for the Study of Pain
Student Member, Midwest Pain Society
Student Member, Social Personality and Health Network
Student Member, Society of Behavioral Medicine
Trainee Member, United States Association for the Study of Pain

TECHNICAL SKILLS

R Studio; Matlab; PsPM; Ledalab; Covidence; Qualtrics Survey Suite; Microsoft; Cerner; REDcap