

Karlyn A. Edwards, Ph.D.

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EDUCATION

Clinical Psychology Doctoral Internship (APA Accredited) VA Puget Sound Health Care System, Seattle, WA <u>Training Director</u> : Stephen McCutcheon, PhD	2021
Ph.D., Psychology, <i>with Distinction</i> (APA Accredited) University of New Mexico, Albuquerque, NM <u>Chair</u> : Katie Witkiewitz, PhD	2021
M.S., Psychology, <i>with Distinction</i> (APA Accredited) University of New Mexico, Albuquerque, NM <u>Chair</u> : Kevin E. Vowles, PhD	2018
B.A., Psychology University of Puget Sound, Tacoma, WA <u>Advisor</u> : Sarah Moore, PhD	2014

POSTGRADUATE POSITIONS

Post-Doctoral Scholar NIDA T32 Research Fellow, Division of Pain Medicine Stanford University School of Medicine, Palo Alto, CA <u>Mentors</u> : Beth Darnall, PhD & Sean Mackey, MD, PhD	2021 – Present
Pain Psychology Fellow Pain Management Center, Stanford Healthcare Stanford Medicine, Redwood City, CA <u>Fellowship Director</u> : Heather Poupore-King, PhD	2021 – Present

HONORS AND AWARDS

- <i>Frances Everett Letchworth Scholarship</i> (\$3,000), UNM	2020
- <i>Graduate Student Success Scholarship</i> (\$9,000), Graduate Studies, UNM	2020
- <i>Certificate of Excellence for Outstanding Community Service</i> , UNM	2018
- <i>Sandia Casino Responsible Gaming Scholarship</i> (\$5,000), Sandia Casino	2018
- <i>Student Merit Award</i> (\$500), Research Society on Alcoholism	2018
- <i>Best Trainee Abstract</i> , Society of Behavioral Medicine	2018
- <i>Grice Fellowship</i> (\$3,000), UNM	2016

BOOK CHAPTERS

1. **Edwards K. A.**, Vowles K.E., Witkiewitz K. (2019) Opioids. In: Zeigler-Hill V., Shackelford T. (eds) *Encyclopedia of Personality and Individual Differences*. Springer, Cham. doi:10.1007/978-3-319-28099-8_450-1
2. **Edwards, K. A.** & Vowles, K. E. (In press). Acceptance and commitment therapy for chronic pain. In Twohig, M.P., Levin, M.E., & Petersen, J.M. (Eds.), *The Oxford Handbook of Acceptance and Commitment Therapy*. Oxford University Press.

PUBLICATIONS

1. **Edwards, K. A.**, Vowles, K. E., Hughes, R. K., Venner, K., & Witkiewitz, K. (*In press*). Changes in pain during buprenorphine maintenance treatment among those with opioid use disorder and chronic pain. *J Consult Clin Psychol*.
2. Witkiewitz, K., Wilson, A. D., Roos, C. R., Swan, J. E., Votaw, V. R., Stein, E. R., Pearson, M. R., **Edwards, K. A.**, Tonigan, J. S., Hallgren, K. A., Montes, K. S., Maisto, S. A., & Tucker, J. A. (2021). Can individuals with alcohol use disorder sustain non-abstinent recovery? Non-abstinent outcomes 10 years after alcohol use disorder treatment. *Journal of Addiction Medicine*, 15, 303-310. doi: 10.1097/ADM.0000000000000760
3. **Edwards, K. A.**, & Vowles, K. E. (2020). Acceptance and Action Questionnaire – II: Confirmatory factor analysis and measurement invariance between Non-Hispanic White and Hispanic/Latinx undergraduates. *Journal of Contextual Behavioral Science*, 17(May), 32–38. doi: 10.1016/j.jcbs.2020.05.003
4. Martinez, C. P., **Edwards, K. A.**, Roos, C. R., Beitel, M., Eller, A., & Barry, D. T. (2020). Associations among sleep disturbance, pain catastrophizing, and pain intensity for methadone-maintained patients with opioid use disorder and chronic pain. *Clinical Journal of Pain*, 36(9), 641–647. doi: 10.1097/AJP.0000000000000848
5. Vowles, K. E., Witkiewitz, K., Cusack, K. J., Gilliam, W. P., Cardon, K. E., Bowen, S., **Edwards, K. A.**, McEntee, M. L., & Bailey, R. W. (2020). Integrated behavioral treatment for veterans with co-morbid chronic pain and hazardous opioid use: A randomized controlled pilot trial. *Journal of Pain*, 21(7–8), 798–807. doi:10.1016/j.jpain.2019.11.007
6. Vowles, K. E., Pielech, M., **Edwards, K. A.**, McEntee, M. L., & Bailey, R. W. (2020). A comparative meta-analysis of unidisciplinary psychology and interdisciplinary treatment outcomes following Acceptance and Commitment Therapy for adults with chronic pain. *Journal of Pain*, 21(5–6), 529–545. doi: 10.1016/j.jpain.2019.10.004
7. **Edwards, K. A.**, Witkiewitz, K., & Vowles, K. E. (2019). Demographic differences in perceived social norms of drug and alcohol use among Hispanic/Latinx and non-

- Hispanic White college students. *Addictive Behaviors*, 98(July), 1–7. doi: 10.1016/j.addbeh.2019.106060
8. **Edwards, K. A.**, Pielech, M., Hickman, J., Ashworth, J., Sowden, G., & Vowles, K. E. (2019). The relation of self-compassion to functioning among adults with chronic pain. *European Journal of Pain*, 23(8), 1538–1547. doi: 10.1002/ejp.1429
 9. Vowles, K. E., Witkiewitz, K., Pielech, M., **Edwards, K. A.**, McEntee, M. L., Bailey, R. W., Bolling, L. A., & Sullivan, M. D. (2018). Alcohol and opioid use in chronic pain: A cross-sectional examination of differences in functioning based on misuse status. *Journal of Pain*, 19, 1091-1230. doi: <https://doi.org/10.1016/j.jpain.2018.04.013>
 10. Vowles, K., Bailey, R., McEntee, M., Pielech, M., **Edwards, K. A.**, Bolling, L., & Rivers, W. (2018). Using analgesics for emotional modulation is associated with increased distress, depression, and risk of opioid and alcohol misuse: Initial evaluation and component analysis of the Reasons for Analgesic Use Measure (RAUM). *The Clinical Journal of Pain*, 34(10), 975-982. doi:10.1097/AJP.0000000000000621
 11. Jensen, M., Battalio, S., Chan, J., **Edwards, K. A.**, Day, M., Sherlin, L., & Ehde, D. (2018). Use of neurofeedback and mindfulness to enhance response to hypnosis treatment in individuals with multiple sclerosis: Results from a pilot randomized clinical trial. *The International Journal of Clinical and Experimental Hypnosis*, 66(3), 231-264. doi:10.1080/00207144.2018.1460546
 12. **Edwards, K. A.**, Vowles, K. E., & Witkiewitz, K. (2017). Co-use of alcohol and opioids. *Current Addiction Reports*, 4(2), 194-199. doi: 10.1007/s40429-017-0147-x.
 13. Battalio, S. L., Silverman, A. M., Ehde, D. M., Amtmann, D., **Edwards, K. A.**, & Jensen, M. P. (2017). Resilience and function in adults with physical disabilities: An observational study. *Archives of Physical Medicine and Rehabilitation*, 98(6), 1158–1164. doi: 10.1016/j.apmr.2016.11.012
 14. **Edwards, K. A.**, Alschuler, K. A., Ehde, D. M., Battalio, S. L., & Jensen, M. P. (2017). Changes in resilience predict function in adults with physical disabilities: A longitudinal study. *Archives of Physical Medicine and Rehabilitation*, 98(2), 329–336. doi: 10.1016/j.apmr.2016.09.123
 15. **Edwards, K.A.**, Molton, I.R., Smith, A.E., Ehde, D.E., Bombardier, C.H., Battalio, S., & Jensen, M.J. (2016). The relative importance of baseline pain, fatigue, sleep and physical activity: Predicting change in depression in adults with Multiple Sclerosis. *Archives of Physical Medicine and Rehabilitation*, 97(8), 1309-1315. doi: 10.1016/j.apmr.2016.02.025
 16. Beyer, T., **Edwards, K.A.**, & Fuller, C. (2015). Misinterpretation of African American English BIN by adult speakers of Standard American English. *Language and Communication*, 45, 59-69. doi: 10.1016/j.langcom.2015.09.001

MANUSCRIPTS IN PREPARATION

1. **Edwards, K.A.**, Reed, D. E., Anderson, D., Williams, R. M., Suri, P. Turner, A. P., Soares, B., & Harding, K. (In prep). Opening the black box of psychological treatments for chronic pain: A review for medical providers.
2. Turner, A. P., **Edwards, K. A.**, Jensen, M. P., Ehde, D. M., Day, M. A., & Williams, R. M. (In prep). Effect of hypnosis, mindfulness meditation, and education for chronic pain on substance use in Veterans: A secondary analysis of a randomized clinical trial.
3. **Edwards, K.A.**, Vowles, K.E., & Witkiewitz, K. (In prep). Prevalence and impact of chronic pain among patients maintained on medications for opioid use disorder: A systematic review.
4. Williams, R. M., Kincaid, C., **Edwards, K. A.**, Johnson, E., Mamiya, K. Brier, M., & Roepke, A. (In prep). The hypnosis and mindfulness for cancer pain study: Protocol for an open-label feasibility trial of hypnosis and mindfulness for cancer pain in Veterans.

SYMPOSIA AND INVITED PRESENTATIONS

1. **Edwards, K.A.** (2021, March). *Pain rehabilitation on chronic pain and post-traumatic symptoms*. Invited presentation conducted at the VA Puget Health Care System, Seattle Division, as part of the PTSD and Co-Occurring Disorders Journal Club series. Seattle, WA.
2. **Edwards, K.A.** (2020, October). *Chronic pain and opioid use disorder: Prevalence, impact, and treatment considerations*. Invited presentation conducted at the VA Puget Sound Health Care System, Seattle Division, as part of the Rehabilitation psychology didactic series. Seattle, WA.
3. **Edwards, K. A.**, Witkiewitz, K., & Vowles, K.E. (2019, April). The influence of social norms on opioid use: Differences between Hispanic/Latinx and White undergraduates. In S. Becker (chair), *Overlooked and understudied: Racial/ethnic differences in opioid use among youth and young adult populations*. Symposium conducted at the 2019 conference of Collaborative Perspectives on Addiction. Providence, RI.
4. **Edwards, K. A.**, Pielech, M., Kruger, E.S., Ford, C.G. & Vowles, K.E. (2018, April). *The role of self-compassion in functioning among those with chronic pain*. Invited presentation conducted at the 2018 conference of the Society of Behavioral Medicine. New Orleans, LA.
5. Vowles, K.E., Witkiewitz, K., Pielech, M., **Edwards, K.A.**, McEntee, M.L. Bailey, R.W., & Bolling, L. (2018, April). Alcohol and opioid use in chronic pain: Two cross-sectional examinations hazardous use and co-use. In K. E. Vowles (chair), *Frequency and impact*

of alcohol, opioid, and marijuana co-use in chronic pain. Symposium presented at the 2018 conference of the Society of Behavioral Medicine. New Orleans, LA.

6. Vowles, K. E., Witkiewitz, K., Pielech, M., **Edwards, K. A.**, McEntee, M. L. Bailey, R. W., & Bolling, L. (2018, March). *Hazardous alcohol and opioid use in chronic pain: An assessment of frequency and impact.* Invited presentation presented at the 2018 scientific summit of the American Pain Society. Anaheim, CA.
7. **Edwards, K.A.**, Molton, I.R., Smith, A.E., Ehde, D.E., Bombardier, C.H., Battalio, S., & Jensen, M.J. (2017, March). *The relative importance of baseline pain, fatigue, sleep and physical activity: Predicting change in depression in adults with Multiple Sclerosis.* Paper presented at the annual meeting of the Society of Behavioral Medicine. San Diego, CA.
8. Beyer, T., **Edwards, K.**, & Fuller, C. (2014, March). *Flipping the script: The interpretation of African American English by speakers of Standard American English.* Paper presented at the Georgetown University Roundtable (GURT). Washington, D.C.

CONFERENCE POSTER PRESENTATIONS

1. **Edwards, K.A.** & Vowles, K.E. (2019, April). *Patterns of recreational substance use among undergraduates: A latent class analysis.* Poster presented at the 2019 conference of Collaborative Perspectives on Addiction. Providence, RI.
2. **Edwards, K.A.** & Vowles, K.E. (2019, March). *Social norms and substance use among college students: Examining the role of chronic pain.* Poster presented at the 2019 conference of the Society of Behavioral Medicine. Washington, DC.
3. **Edwards, K.A.** & Vowles, K.E. (2018, June). *Perceived control of alcohol use: Associations with polysubstance use and functioning among college students.* Poster presented at the 2018 conference of the Research Society on Alcoholism. San Diego, CA.
4. **Edwards, K.A.** & Vowles, K.E. (2018, April). *Perception of harm related to opioids is associated with substance use frequency in college undergraduates.* Poster presented at the 2018 conference of the Society of Behavioral Medicine. New Orleans, LA.
5. **Edwards, K.A.**, Pielech, M., Kruger, E.S., Ford, C.G. & Vowles, K.E. (2018, April). *The role of self-compassion in functioning among those with chronic pain.* Poster presented at the 2018 conference of the Society of Behavioral Medicine. New Orleans, LA.
6. **Edwards, K. A.**, Alschuler K.A., Ehde, D.M., Battalio, S.L. & Jensen, M.J. (2017, March). *Changes in resilience predict function in aging adults with physical disabilities: A longitudinal study.* Poster presented at the 2017 conference of the Society of Behavioral Medicine. San Diego, CA.

7. Beyer, T., **Edwards, K.A.**, & Fuller, C. (2015, September). *Processing across language varieties: The misinterpretation of African American English BIN by adult speakers of Standard American English*. Poster presented at the 44th Annual New Ways of Analyzing Variation (NWA), University of Toronto, Toronto, Canada.

EDITORIAL EXPERIENCE (AD HOC REVIEWS)

Journal of Pain

Health Psychology

Clinical Journal of Pain

Pain Reports

British Journal of Pain

British Journal of Health Psychology

Scandinavian Journal of Pain

Training and Education in Professional Psychology

Psychology

Fatigue: Biomedicine, Health & Behavior

MEDIA COVERAGE

Tatta, J. (Host). (2019, August 15). *The role of self-compassion in the treatment of chronic pain with Karlyn Edwards, MS* [Audio podcast]. Retrieved from https://www.integrativepainscienceinstitute.com/latest_podcast/the-role-of-self-compassion-in-the-treatment-of-chronic-pain-with-karlyn-edwards-ms/

RESEARCH EXPERIENCE

Study Therapist, Center of Alcoholism, Substance Abuse, and Addictions 2018-2020
Active Research Grant: NIH / NIAAA, NCT03842670, \$2,935,546, B. McCrady (PI).
Supervisors: Katie Witkiewitz, PhD (Co-PI) & Barbara McCrady, PhD

Research Assistant, University of New Mexico 2019
Active Research Grant: NIH / NCCIH, NCT03784846, Mindfulness-Based Resilience Training for Aggression, Health, and Stress Among Law Enforcement Officers, \$641,512, S. Bowen & M. Christopher (PI).
Supervisors: Katie Witkiewitz, PhD (Co-PI)

Research Assistant, University of New Mexico 2017-2020
Active Research Grant: NSF, 1628471, ADVANCE Institutional Transformation at the University of New Mexico, \$3,358,125.00, J. Fulghum (PI).
Supervisors: Julia Fulghum, PhD & Steven Verney, PhD

Study Therapist, Raymond G. Murphy VA Medical Center 2016-2018
Completed Research Grant: NCCIH, R34AT008398, Pilot study of integrated treatment for Veterans with chronic pain and opiate misuse, \$654,270, K. E. Vowles (PI).
Supervisors: Karen Cusack, PhD (Co-PI) & Kevin Vowles, PhD

Research Assistant, University of Washington 2015-2016
Completed Research Grant: NIH, NCT01800604, Power Over Pain, \$3,000,000, M. P. Jensen (PI). *Supervisor:* Mark P. Jensen, PhD

- Research Assistant, University of Washington 2015-2016
Completed Research Grant: National Multiple Sclerosis Society, NCT02474940, Multiple Sclerosis Symptom Management Study (ENHANCE), \$180,867, M. P. Jensen (PI) Supervisor: Mark P. Jensen, PhD
- Research Assistant, University of Puget Sound 2013-2014
Completed Research Grant: Faculty Start Up Fund, University of Puget Sound, Misinterpretation of African American English BIN by adult speakers of Standard American English, T. Beyer (PI) Supervisor: Tim Beyer, PhD

CLINICAL EXPERIENCE

- Fellow, Stanford Medicine 2021 - Present
Pain Management Center, Redwood City, CA; Supervisor: Heather Poupore-King, PhD
- Intern, VA Puget Sound Healthcare System, Seattle Division 2021
Mental Health Clinic, Seattle, WA; Supervisors: Aaron Norr, PhD & David Call, PhD
- Intern, VA Puget Sound Healthcare System, Seattle Division 2020
Pain Clinic, Seattle, WA; Supervisors: Jennifer DeVentura, PhD & Moriah Brier, PhD
- Intern, VA Puget Sound Healthcare System, Seattle Division 2020
Rehabilitation Care Services, Seattle, WA; Supervisors: Aaron Turner, PhD, Rhonda Williams, PhD, Jennifer Bambara, PhD, & Larissa Del Piero, PhD
- Practicum Student, Raymond G. Murphy VA Medical Center 2019-2020
Spinal Cord Injury Center, Albuquerque, NM; Supervisor: Shelley Leiphart, PsyD
- Practicum Student, UNM Psychology Department Clinic 2017-2019
Albuquerque, NM; Supervisors: Kevin Vowles, PhD & Elizabeth Yeater, PhD
- Practicum Student, Residential Rehabilitation Program for Women 2018-2019
Maya's Place, Albuquerque, NM; Supervisor: Katie Witkiewitz, PhD
- Practicum Student, UNM Center for Spine Health 2018-2019
Functional Restoration Program, Albuquerque, NM; Supervisor: Kevin Vowles, PhD
- Practicum Student, Transgender Resource Center of New Mexico 2017
Albuquerque, NM; Supervisor: Katie Witkiewitz, PhD
- Practicum Student, Addiction and Substance Abuse Program 2017- 2018
Albuquerque, NM; Supervisors: Larissa Maley, PhD & Jill Holtz, PhD
- Practicum Student, Turquoise Lodge Residential Substance Abuse Center 2017- 2019
Albuquerque, NM; Supervisors: Katie Witkiewitz, PhD & Jackie West, MS

ADDITIONAL TRAINING

Transgender 101 & 201 Training (2019). Presented by Adrien Lawyer, the co-director and co-founder of the Transgender Resource Center of New Mexico.

Cultural Competence Training for Police Officers (2019). Presented by Richard Goerling of the Portland Police Department as a part of the ‘Mindfulness-Based Resilience Training for Aggression, Health, and Stress Among Law Enforcement Officers’ grant.

Mindfulness-Based Relapse Prevention Therapist Training (2017, 2018). Presented by Sarah Bowen, PhD of Pacific University and Katie Witkiewitz, PhD of the University of New Mexico at the University of New Mexico.

TEACHING EXPERIENCE

Instructor, <i>Introduction to Health Psychology</i> (PSY 2320)	Fall 2019
Department of Psychology, University of New Mexico	

PROFESSIONAL SERVICE

Intern Representative, Training Committee	2021
Psychology Training Program, VA Puget Sound, Seattle Division	

Member, Diversity Organization (DO!)	2018
Department of Psychology, University of New Mexico	

PROFESSIONAL AFFILIATIONS

United States Association for the Study of Pain	2021 - Present
Association for Psychological Science	2021 - Present
Society of Behavioral Medicine	2017 - Present

OTHER PROFESSIONAL EXPERIENCE

<i>Case Manager</i> , Comprehensive Life Resources	2014-2015
<i>Supervisor:</i> Kathy Hagen, LICSW	

<i>Medical Transcriptionist</i> , Pediatric Neurology Associates	2011-2014
<i>Supervisor:</i> Swati Vora, MD	

PROFESSIONAL REFERENCES

Beth Darnall, PhD
Associate Professor
Stanford University School of Medicine
Department of Anesthesiology,
Perioperative and Pain Medicine
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Katie Witkiewitz, PhD
Regent's Professor
Quantitative/Methodology Area Head
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