

8/16/2026

ELIZABETH J. RICHARDSON, PH.D., MSPH
CURRICULUM VITAE

CURRENT POSITION: Associate Professor of Psychology
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SECONDARY: Clinical Assistant Professor (part time)
University of Alabama at Birmingham, School of Medicine
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EDUCATION:

Institution	Degree	Year
Birmingham-Southern College	B.S. Psychology	2000
University of Alabama Birmingham	M.A. Medical Psychology	2006
University of Florida	Clinical Internship	2009
University of Alabama Birmingham	Ph.D. Clinical/Medical Psychology	2009
University of Alabama Birmingham	MSPH Clinical Research Biostatistics	2014

POSTDOCTORAL TRAINING

UAB Research and Clinical Fellowship in Rehabilitation Psychology 2009 – 2011

Professional License: Alabama #1606

PRIOR WORK EXPERIENCE:

Date	Position	Institution:
8/2018 – 3/2022	Clinical Psychologist	Private Practice & Doleys Clinic (part time)
10/2015 – 8/2018	Clinical Psychologist	Department of Veterans Affairs, Birmingham VA Medical Center
8/2011 – 9/2015	Assistant Professor/ Clinical Psychologist	University of Alabama at Birmingham; Department of Physical Medicine and Rehabilitation

AWARDS/HONORS:

2024-current Grainger Endowed Professorship in Arts and Sciences
2023-2024 University Scholar, University of Montevallo
2019 Elite Night Dedication, University of Montevallo

- 2011 Selected as Platform presentation and awarded Best Oral Presentation, Third Place – American Spinal Injury Association (ASIA)
- 2010 NIH Loan Repayment Program Award (2-year award)
- 2007 Best Overall Poster, American Association of Spinal Cord Injury Psychologists and Social Workers (AASCIPSW)
- 2005 NIH Rehabilitation Pre-Doctoral Fellowship
- 2006 Best Student Poster, American Psychological Association, Division 22 (Rehabilitation Psychology)

PROFESSIONAL SOCIETY MEMBERSHIPS:

American Psychological Association (APA)
 APA Division 22, Rehabilitation Psychology

COUNCILS AND COMMITTEES

- 2025-present Chair, Health Humanities Minor Ad Hoc Committee
- 2025-present Member, UM Priority Action Team for Long-Range Transformation
- 2019-present Member, Undergraduate Research Committee, University of Montevallo
- 2019-present Member, Alumni Committee,* University of Montevallo
- *Role of Chair, 2022-present

PRIOR ACTIVITIES

- 2022-2025 Member, Institutional Effectiveness Committee, University of Montevallo
- 2016-2018 Member, BVAMC Prevention of Amputations in Veterans Everywhere (PAVE) committee, which operates under federal directive and implements the scope of care and treatment provided to BVAMC veterans at risk of amputation
- 2015-2018 Member, Birmingham VA Medical Center Pain Committee, which oversees implementation of federal guidelines and policies specific to pain management at BVAMC.
- 2014-2018 Member, Medical Psychology Coordinating Committee (MPCC), which establishes and oversees policies curriculum development specific to the graduate clinical psychology program at UAB
- 2013-2015 Chair, Psychologist and Social Workers Clinical Practice Committee, Academy of Spinal Cord Injury Professionals
- 2012-2016 Member, Clinical Practice Committee for the Academy of Spinal Cord Injury Professionals
- 2011-2016 Member, Psychologists and Social Workers Clinical Practice Committee for the Academy of Spinal Cord Injury Professionals
- 2011-2015 Member of the UAB Dept. of Physical Medicine and Rehabilitation Research Committee
- 2011-2015 Organizing and founding member of the UAB Alliance for the Development and Advancement of Pain Treatment (ADAPT).
- 2011-2015 Member of UAB Department of Physical Medicine and Rehabilitation Journal Club Committee; planning, organizing and development.
- 2013-2015 Faculty Development Director, UAB Dept. of Physical Medicine and Rehabilitation

2011 Member of organizing committee for first UAB Alliance for the Development and Advancement of Pain Treatment (ADAPT) Symposium.

GRANT PEER REVIEW PANEL PARTICIPATION

2024 U.S. Department of Defense, Congressionally Directed Medical Research Program, Spinal Cord Injury Research Program (FY24).
 2023 U.S. Department of Defense; Congressionally Directed Medical Research Program, Peer Reviewed Medical Research Program (FY23)
 2021 U.S. Department of Defense; Congressionally Directed Medical Research Program, Spinal Cord Injury Research Program (FY21)
 2014 U.S. Department of Defense; Congressionally Directed Medical Research Program, Spinal Cord Injury Research Program (FY14)

EDITORIAL BOARD/MANUSCRIPT REVIEW

2024 Reviewer for *Neuroscience and Biobehavioral Reviews*
 2023 Reviewer for *Spinal Cord*
 2017-current Reviewer for *Rehabilitation Psychology*
 2015 Reviewer for *American Journal of Physical Medicine & Rehabilitation*
 2013-current Reviewer for *Journal of Clinical Psychology in Medical Settings*
 2012-current Reviewer for *Journal of Pain*
 2012 Reviewer for *Pain*
 2011-current Reviewer for *Journal of Spinal Cord Medicine*
 2010 Reviewer for *Physical Medicine and Rehabilitation*
 2010 Reviewer for *European Journal of Pain*

RESEARCH INTERESTS:

Biopsychosocial mechanisms of pain perception; brain-behavior relationships in health and the perception of pain, chronic pain, statistical methodology; clinical trials; analysis of clustered data in clinical trials in pain; chronic pain, neuroimaging of pain.

TEACHING

Courses and Lectures

	Course	Role	Level
2025-current	Honors Foundations in Psychology	Assoc. Prof	Undergraduate, University of Montevallo
2023-current	Forensic Psychology	Assoc. Prof	Undergraduate, University of Montevallo
2022-current	Individual Research I & II	Assoc. Prof	Undergraduate, University of Montevallo
2020-2024	Psychopathology	Assoc. Prof	Undergraduate, University of Montevallo
2020-current	Research Methods	Assoc. Prof	Undergraduate, University of Montevallo

2019-current	Psychology of Pain	Assoc. Prof	Undergraduate, University of Montevallo
2018-current	Foundations in Psychology	Assoc. Prof	Undergraduate, University of Montevallo
2018-current	Principles of Learning	Assoc. Prof	Undergraduate, University of Montevallo
2018-2023	Descriptive Statistics	Assoc. Prof.	Undergraduate, University of Montevallo
2016-current	Biological Psychology	Assoc. Prof. Adjunct (2016-2018)	Undergraduate, University of Montevallo
2016	Introduction to Psychology	Adjunct Prof. (spring, fall)	Birmingham Southern College
2012-2015 (annual)	Traumatic brain and spinal cord injury: From the patient's perspective to the promise of research (STP2019)	Lecturer on Spinal Cord Injury Pain	Special Topics for Medical Students
2011-2015 (annual)	Basics of Critically Evaluating Research Design	Lecturer	PM&R Resident Lecture Series

Undergraduate and Graduate Research Teaching and Mentorship: Provide guidance and mentorship to student project proposals, study design and implementation and interpretation of results.

	Role Served	Student	Program/University
2026	Research Mentor	X. Henderson	McNair Scholars and Undergraduate Research, UM
	<i>Project: Back to Play: Effects of Athletic Injury on Pyschosocial Outcomes</i>		
2025	Research Co-Mentor	M. Netcott	Independent Research, UM
	<i>Project: Personality Predictors of Estimation of Pain in Others</i>		
2025	Research Mentor	K. Shulch	Undergraduate Research, UM
	<i>Project: Effects of Cyclic Sighing on Pain Threshold and Tolerance</i>		
2024	Research Mentor	J. Martin	McNair Scholars and Undergraduate Research, UM
	<i>Project: Discrimination, Coping, and Experiences of Pain</i>		
2023-2024	Research Mentor	A. Bissonnette	Honors Thesis and Undergraduate Research, UM
	<i>Project: Anxiety, Sleep, and Caffeine Intake</i>		
2022	Research Mentor	J. Williams	McNair Scholars and Undergraduate Research, UM
	<i>Project: Virtual Reality and Pain Perception</i>		
2021-2022	Research Mentor	J. Rasheed	Undergraduate Research, UM
	<i>Project: Emotion Regulation and Coping of College Students</i>		
2020-2021	Research Mentor	M. Payne	Undergraduate Research, UM
	<i>Project: Pain in Spinal Cord Injury</i>		
2018-2019	Research Mentor	A. Buckingham	McNair Scholars and Undergraduate Research, UM

2018-2019	<i>Project: Resilience in the face of adversity: Exploring the effects of Optimism and grit on cold-pressor pain.</i>		
	Research Mentor	A. Wiggins	McNair Scholars and Undergraduate Research, UM
2011-2013	<i>Project: The role of executive functioning on pain sensitivity.</i>		
	Thesis Chair	J. Tyrer	Medical Psychology/UAB
2012-2015	<i>Project: Multilevel linear modeling of relationships between psychosocial variables, etiology of spinal cord injury and pain outcomes across time.</i>		
	Dissertation Chair	J. Galindo	Medical Psychology/UAB
	<i>Project: Effect of emotion regulation on treatment outcomes in spinal cord injury neuropathic pain</i>		

Medical Student and Resident Research Mentor: Provide guidance and mentorship to resident research project proposals, study design and implementation, and interpretation of results with the goal of facilitating the student to present work and publish.

	Role Served	Student	Program University
2022-2023	Medical Student RREMS Research/Co-Mentor	Alexis Smith, M.S.	Edward Via College of Osteopathic Medicine – Louisiana
	Project: Pain in spina bifida		
Spring 2017	Resident Research Mentor; Data Analysis	Andrew Barranco, MD	PM&R/UAB
	Project: Effects of antibiotic use during inpatient rehabilitation on pain following spinal cord injury.		
Spring 2015	Resident Research Mentor; Data Analysis	Ross Lumsden, MD	PM&R/UAB
	Project: Donepezil: Is it Beneficial in the Inpatient TBI Population?		
2014-2015	Resident Research Co-Mentor	Jordan Garman, DO	PM&R/UAB
	Received DeVivo Mentored Research Award under co-mentorship. Project: Factors Contributing to Transition of Bladder Management Method Following Traumatic Spinal Cord Injury		
2013-2015	AAP RREMS Award mentor; FNR Scholar Mentor	Melissa Jordan	SOM/UAB
	Received AAP RREMS Award (2013) and FNR Award (2013) under mentorship. Project: Effectiveness of visual illusion on reducing spinal cord injury related neuropathic pain determined by quantitative sensory testing		
Spring 2013	Resident Research Mentor; Data Analysis	Arctie Patil, MD	PM&R/UAB
	Project: Retrospective Review of PriMatrix in Full-Thickness Wounds		
2012-2014	AAP RREMS Award Mentor; Scholarly Activity Mentor	John Eick	SOM/UAB

	Received AAP RREMS Award under mentorship. <i>Project(s):</i> Exploring virtual walking as a potential treatment for SCI- neuropathic pain: An fMRI study.		
2012-2013	Resident Research Mentor	Ashley McQueen, MD	PM&R/UAB
	<i>Project:</i> Barriers and Facilitators to Exercise in the VA Population with Chronic Low Back Pain		

Graduate Advisory and Clinical Practice: Teach, observe and guide/supervise graduate students' and psychology interns' clinical practica involving both assessment and intervention among an inpatient and outpatient rehabilitation population at Spain Rehabilitation Center.

	Role Served	Student(s)	Program/University
2014-2018	Chair, Graduate Study Committee	Brent Womble	Medical (Clinical) Psychology/UAB
2012-2018	Graduate Study Committee	Michelle Haddad (2012-16) Christina Jagielski (2012-16) Amber Fahey (current)	Medical (Clinical) Psychology/UAB
2011-2018	Clinical Rotation Supervisor	Psychology Interns	UAB/VA Psychology Intern Consortium
2011-2018	Clinical Practica Supervisor	Psychology Doctoral Students	Medical (Clinical) Psychology/UAB

Other Trainee/Student Involvement:

2019-current **Primary Advisor**, Psi Chi Honor Society, University of Montevallo Chapter
2014-2016 **Faculty Sponsor**, Rehabilitation Psychology (American Psychological Association Division 22) UAB graduate student organization.

OTHER ACADEMIC, SCIENTIFIC OR SERVICE INVOLVEMENT

2020-current Consultant/collaborator on *U.S. Department of Defense Spinal Cord Injury Research Program* clinical trial examining the efficacy and mechanisms of immersive virtual walking treatment for neuropathic pain in spinal cord Injury (PI: Trost). Role: assist with methodological development.

2012-2014 Revision committee for the *Clinical Practice Standards of Care* of the Academy of Spinal Cord Injury Professionals, Psychologists and Social Workers Section

2013 Invited Lecturer, Spinal Cord Injury-Related Pain, Alabama Dept. of Rehabilitation Services, Medical Aspects of Disability Conference, Birmingham, AL.

2011 Judge for the Rebecca J. "Becky" Adcock, PhD award for best poster, (ASCIP)

2006 Invited Lecturer, Overview of Neuropsychological Assessment in the Rehabilitation Setting, Birmingham-Southern College Psychology Honors Class

GRANT & FUNDING SUPPORT (PAST AND CURRENT)

AKA-305243-25 National Endowment for the Humanities, Humanities Connections Planning Grant

Award Period: 8/1/25-7/31/26

Project; Title: Extending Humanities to Future Care Providers: Developing a Health Humanities Minor

Role: Project Director

University of Montevallo Academic Development Stipend

FY2022

Project: Teaching Effectiveness of Open Access Statistical Software in an Undergraduate Statistics Course

Role: Co-PI

University of Montevallo Teaching and Scholarly Project Grant

FY2022

Project Title: Development of a Diverse Emotion and Pain Face Database

Role: Co-PI

University of Montevallo Teaching and Scholarly Project Grant

FY2020 and FY2022

Project Title: Biopsychosocial Factors Affecting the Social Evaluation of Pain.

Role: Co-PI

University of Montevallo Teaching and Scholarly Project Grant

FY2019

Project Title: Effects of Psychosocial Factors on Task Interference Following Cold Pressor Pain

Role: Principal Investigator

H133N110008 Department of Education, National Institute Disability Rehabilitation Research (NIDRR)

10/01/2011 – 09/30/2016

SCI Model System (Director, Amie B. McLain)

Research Project: Virtual Walking for Reducing Spinal Cord Injury-Related Neuropathic Pain

Role: Co-Investigator

1 K23 HD073680-01A1 National Institutes of Health (NIH)

09/01/2013 – 09/30/2015

Project Title: Spinal Cord Injury Neuropathic Pain - Identifying Biopsychosocial Predictors

Role: Principal Investigator

H133G090013 Richards, PI 08/01/09-09/30/12

Developing a Relevant Instrument to Assess Caregiver Distress and Benefit in SCI

Goals of Project: conduct focus-group sessions with caregivers of individuals with SCI to develop an instrument to assess psychosocial impact of caregiving.

Role: Site Co-Investigator

H133N060021 (A.B. Jackson, P.I.): 10/1/06 – 09/30/11; NIDRR: Model Regional Spinal Injury Care System

Research Project: The Effects of Nicotine Use and SCI Pain

Role: Post-Doctoral Research Fellow (2009-2011); Graduate Research Assistant (2006-2008)

NIDRR/University of Washington (C. Bombardier, PI) 01/01/07 – 09/30/11
Research Project: Multi-Site Controlled Trial of Venlafaxine XR for Depression after SCI
Role: Post-Doctoral Research Fellow

Craig Neilsen Foundation (M. Sipski and J.S. Richards, P.I.) 03/01/07 – 12/30/09
Research Project: The Development of Spinal fMRI to assess neuropathic pain after SCI
Role: Post-Doctoral Research Fellow

F070629008 (EJ Richardson, P.I.): 8/1/2007 – 5/22/2008
 UAB Departments of Physical Medicine & Rehabilitation and Anesthesiology
Research Project: Effects of Catastrophizing and Levels of Acceptance on Functional Interference in Persons with Chronic Pain
Role: Principal Investigator

B03-3541R (G. Tan, D. Rintala, Co P.I.s) 01/2005 – 12/2007
 Veterans Affairs
Research Project: Treating Spinal Cord Injury Pain with Cranial Electrotherapy Stimulation
Role: Graduate Research Assistant

H133A011108 (G Whiteneck, P.I.): 10/01/01 – 09/30/06
 NIDRR
Research Project: Lifetime Outcomes and Needs: Refining Understanding of Aging with SCI
Role: Graduate Research Assistant

BIBLIOGRAPHY

PEER-REVIEWED MANUSCRIPTS:

1. **Richardson, E. J.**, Shepherd, M., Trost, Z., & Mallinas, S. R. (2026). Gender, gender role beliefs, and evaluation of pain in others: Indirect and moderated pathways. *European Journal of Pain (London, England)*, 30(7), e70348. <https://doi.org/10.1002/ejp.70348>.
2. **Richardson, E. J.**, Azuero, C. B., Battaglini, R. A., Bryce, T. N., Haubert, L. L., Heinemann, A., Monden, K. R., Morse, L. R., Philippus, A. H., Taylor, H. R., & Felix, E. R. (2026). Effects of depression and resilience during acute inpatient rehabilitation on pain outcomes one year after spinal cord injury. *Topics In Spinal Cord Injury Rehabilitation*, 32(Suppl 1), 149-161.
3. Smith, A., **Richardson, E. J.**, & Cowan, R. E. (2024). Pain interference, pain type, and quality of life among adults with spina bifida. *PM&R: The Journal of Injury, Function, and Rehabilitation*. 16(6), 586–593. <https://doi.org/10.1002/pmrj.13084>.
4. **Richardson, E. J.**, McKinley, E. C., & Richards, J. S. (2024). Perceived stress and pain interference in acute rehabilitation following SCI: Resilience as a moderator. *Rehabilitation Psychology*. 69(2), 85–93. <https://doi.org/10.1037/rep0000532>.
5. Shepherd, M. A., & **Richardson, E. J.** (2024). Opting for open-source? A review of free statistical software programs. *Teaching Statistics*, 46, 53-63. doi: 10.1111/test.12360.
6. Gustin, S. M., Bolding, M., Willoughby, W., Anam, M., Shum, C., Rumble, D., Mark, V. W., Mitchell, L., Cowan, R. E., **Richardson, E.**, Richards, S., & Trost, Z. (2023). Cortical

- mechanisms underlying immersive interactive virtual walking treatment for amelioration of neuropathic pain after spinal cord injury: Findings from a preliminary investigation of thalamic inhibitory function. *Journal of Clinical Medicine*, 12(17), 5743; DOI: 10.3390/jcm12175743.
7. **Richardson, E. J.**, Trost, Z., Payne, M., & Wiggins, A. (2023). The negative effect of social discrimination on pain tolerance and the moderating role of pain catastrophizing. *Journal of Clinical Psychology in Medical Settings*, 30(1), 169-181. doi: 10.1007/s10880-022-09860-1.
 8. Trost, Z., Anam, M., Seward, J., Shum, C., Rumble, D., Sturgeon, J., Mark, V., Chen, Y., Mitchell, L., Cowan, R., Perera, R., **Richardson, E.**, Richards, S., & Gustin, S. (2022). Immersive interactive virtual walking reduces neuropathic pain in spinal cord injury: Findings from a preliminary investigation of feasibility and clinical efficacy. *Pain*, 163(2):350-361. doi: 10.1097/j.pain.0000000000002348.
 9. Buckingham, A., & **Richardson, E. J.*** (2021). The relationship between psychological resilience and pain threshold and tolerance: Optimism and grit as moderators. *Journal of Clinical Psychology in Medical Settings*, 28(3), 518-528. doi: 10.1007/s10880-020-09731-7.
 10. **Richardson, E. J.**, Deutsch, G., Deshpande, H. D., & Richards, J. S. (2021). Differences in resting cerebellar and prefrontal cortical blood flow in spinal cord injury-related neuropathic pain: A brief report. *Journal of Spinal Cord Medicine*, 44(5), 794-799. doi: 10790268.2020.1786321.
 11. Thompkins, A. M., Adkins, S., Leopard, M., Spencer, C., Bentley, D., Bolden, L., Jagielski, C., **Richardson, E.**, Goodman, A. M., & Schwebel, D. C. (2019). Dogs as therapy: Effects of animal assisted therapy on rehabilitation following spinal cord injury. *Anthrozoös*, 32(5), 679-690.
 12. **Richardson EJ**, McKinley EC, Rahman AKMF, Klebine P, Redden DT, Richards JS. (2019). Effects of virtual walking on spinal cord injury-related neuropathic pain: A randomized, controlled trial. *Rehabilitation Psychology*, 64(1), 13-24.
 13. McKinley, E., Zhang, J., McGwin, G., **Richardson, E.J.** (2018). Evaluating the effectiveness of antidepressant therapy adjuvant to gabapentin and pregabalin for treatment of SCI-related neuropathic pain. *Journal of Spinal Cord Medicine*, 41(6), 637-644 DOI: 10.1080/10790268.2017.1415246.
 14. Widerström-Noga E, Biering-Sørensen F, Bryce TN, Cardenas DD, Finnerup NB, Jensen MP, Richards JS, **Richardson EJ**, & Siddall PJ. (2016). The International Spinal Cord Injury Pain Extended Data Set (Version 1.0). *Spinal Cord*, 54, 1036-46.
 15. **Richardson EJ**, Brooks L, Richards JS, Bombardier C, Barber J, Martin Forchheimer M, Fann JR. (2016). Changes in pain and quality of life in depressed individuals with spinal cord injury: Does type of pain matter? *Journal of Spinal Cord Medicine*, 39(5), 535-43.
 16. Williams R, Heinemann A, Neumann HD, Fann JR, Forchheimer M, **Richardson EJ**, Bombardier C, et al. (2016). Evaluating the psychometric properties and responsiveness to change of three depression measures in a sample of persons with traumatic spinal cord injury and major depressive disorder. *Archives of Physical Medicine & Rehabilitation*, 97(6), 929-37.
 17. Russell H, **Richardson EJ**, Charles H. Bombardier CH, Dixon TM, Huston T, Rose J, Sheaffer Dawn, Smith SA, Ullrich PM. (2016). Professional standards of practice for psychologists, social workers, and counselors in SCI rehabilitation. *Journal of Spinal Cord Medicine*, 39(2):127-45.
 18. Jordan M, **Richardson EJ.*** (2016). Effects of virtual walking treatment on spinal cord injury-related neuropathic pain: Pilot results and trends related to location of pain and at-level neuronal hypersensitivity. *American Journal of Physical Medicine & Rehabilitation*, 95(5), 390-6.
 19. McCullumsmith CB, Kalpazian C, Richards JS, Forchheimer M, Heinemann A, **Richardson E**, et al.; PRISMS Investigators. (2015). Novel risk factors associated with current suicidal ideation and lifetime suicide attempt in individuals with spinal cord injury. *Archives of Physical Medicine*

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& Rehabilitation, 96, 799-808.

20. Eick, J. & **Richardson, E.J.**[†] (2015). Cortical activation during visual illusory walking in persons with spinal cord injury: A pilot study. *Archives of Physical Medicine & Rehabilitation*, 96, 750-3.
21. **Richardson, E. J.**, Redden, D.T. (2014). Moving toward multiple site outcomes in spinal cord injury pain clinical trials: An issue of clustered observations in trial design and analysis. *Journal of Spinal Cord Medicine*, 37, 278-87.
22. **Richardson, E. J.**, Ness, T. J., Redden, D. T., Stewart, C. C., & Richards, J.S. (2012). Effects of nicotine on spinal cord injury pain vary among subtypes of pain and smoking status: Results from a randomized, controlled experiment. *The Journal of Pain*, 13, 1206-14.
23. **Richardson EJ**, Ness TJ, Doleys D, Banõs J, Cianfrini L, Richards JS. (2010). Catastrophizing, Acceptance and Interference: Laboratory Findings, Subjective Reports, and Acceptance as a Moderator. *Health Psychology*, 2010;29:299-306.
24. **Richardson EJ**, Ness TJ, Doleys D, Banõs J, Cianfrini L, & Richards JS. (2009). Depressive symptoms and pain evaluations among persons with chronic pain: Catastrophizing, but not pain acceptance, shows significant effects. *Pain*, 147, 147-152.
25. Stewart C. C., Griffith H. R., Okonkwo, O.C., Martin, R. C., Knowlton, R. K., **Richardson E. J.**, Hermann, B.P. & Seidenberg, M. Contributions of volumetrics of the hippocampus and thalamus to verbal memory in temporal lobe epilepsy patients. *Brain and Cognition* 2009;69:65-72.
26. **Richardson, E. J.**, & Richards, J. S. (2008). Factor structure of the PHQ-9 screen for depression across time since injury among persons with spinal cord injury. *Rehabilitation Psychology*, 53, 243-249.
27. **Richardson, E. J.**, Richards, J. S., & Sutphin, S. M. (2007). A longitudinal study of joint pain following SCI: Concurrent trends in participation, depression, and the effects of smoking. *Topics in Spinal Cord Injury Rehabilitation*, 12(3), 45-55.
28. **Richardson, E. J.**, Griffith, H. R., Martin, R. C., Paige, A. L., Stewart, C. C., Jones, J. Hermann, B. P., & Seidenberg, M. (2007). Structural and functional neuroimaging correlates of depression in temporal lobe epilepsy. *Epilepsy & Behavior*, 10, 242-249.
29. Richards, J. S., Kogos, S. C. & **Richardson, E. J.** (2006). Psychosocial measures for clinical trials in spinal cord injury: Quality of life, depression and anxiety. *Topics in Spinal Cord Injury Rehabilitation*, 11(3), 24-33.
30. Griffith, H. R., **Richardson, E. J.**, Pyzalski, R. W., Bell, B., Dow, C., Hermann, B. P., & Seidenberg, M. (2006). Memory for famous faces and the temporal pole: Functional imaging findings in temporal lobe epilepsy. *Epilepsy & Behavior*, 9, 173-80.

PUBLISHED ABSTRACTS

1. **Richardson, E. J.**, McKinley, E. S., & Richards, J. S. (2020). Psychological resilience and pain in acute spinal cord injury rehabilitation: Moderating effects and longitudinal relationships following discharge. *Archives of Physical Medicine and Rehabilitation*, 101(11), e15. <https://doi.org/10.1016/j.apmr.2020.09.041>
2. **Richardson, E. J.**, Richards, J.S., Stewart, C.C., & Ness, T.J. (2012). Effects of Nicotine on Spinal Cord Injury Related Pain: A Randomized, Double-Blind, Placebo-Controlled Crossover Trial [Extended Abstract]. *Topics in Spinal Cord Injury Rehabilitation*, 18(2):101-105.
3. **Richardson, E. J.**, Richards, J.S., Stewart, C.C., & Ness, T.J. (2011). Effects of Nicotine on Spinal Cord Injury Related Pain [Abstract]. *Top Spinal Cord Inj Rehabil*, 16 (Suppl. 1), 31-32.

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BOOK CHAPTERS

1. **Richardson, E. J.**, & Trost, Z. (2022). Virtual walking and spinal cord injury neuropathic pain. In R. Rajendram, V. R. Preedy & Martin, C. R. (Eds.), *Cellular, Molecular, Physiological, and Behavioral Aspects of Spinal Cord Injury* (1st ed., pp. 413-422). Academic Press.
2. Cianfrini, L., **Richardson, E. J.**, & Doleys, D. (2021). *Pain Psychology for Clinicians*. Oxford University Press. ISBN: 0197504728.
3. **Richardson, E. J.** (2020). Chapter 8: Chronic Pain Conditions. In R. E. Sorge (Ed.), *Dynamics of Pain*. Great River Learning. <https://uab.grlcontent.com/dynpain>.
4. **Richardson, E. J.** (2020). Chapter 9: Psychological Aspects of Chronic Pain. In R. E. Sorge (Ed.), *Dynamics of Pain*. Great River Learning. <https://uab.grlcontent.com/dynpain>.
5. **Richardson, E. J.**, Richards, J. S. (2012). Persistent and Chronic Pain. In P. Kennedy (Ed.), *Oxford Handbook of Rehabilitation Psychology*. Oxford University Press.
6. Richards JS, Kewman DG, **Richardson EJ**, Kennedy P. (2010). Spinal Cord Injury. In R. G. Frank, B. Caplan, & M. Rosenthal (Eds.), *Handbook of Rehabilitation Psychology* (2nd ed.). Washington, DC: American Psychological Association.
7. **Richardson, E.J.** Richards, J. S., & Boyer, B. A. (2008). Spinal Cord Injury. In B. A Boyer & I. Paharia (Eds.), *Comprehensive handbook of clinical health psychology*. Hoboken, NJ: Wiley.

POSTER PRESENTATIONS:

1. Azuero, C., **Richardson, E.**, Battaglino, R., Bryce, T., Haubert, L., Heinemann, A., Monden, K., Morse, L., Philippus, A., Taylor, H., Felix, E. (2026). Moderating effect of resilience on the relationship between depression and pain severity and interference. Poster presentation at the 28th annual Division 22 Rehabilitation Psychology mid-winter conference, Charlotte, NC.
2. Martin, J., & **Richardson, E. J.** (September 20-22, 2024). Psychosocial correlates of endogenous pain inhibition: Preliminary findings from a conditioned pain modulation protocol. The Southern Pain Society 38th Annual Meeting, New Orleans, LA.
3. Rasheed, J., **Richardson, E.**, & Couch, C. (November 15-17, 2023). Analyzing differences in adaptive and maladaptive coping mechanisms in college students. The 2023 Alabama Counseling Association (ALCA) Annual Conference, Graduate Student Poster Session, Birmingham, AL.
4. Rathore, R., Trost, Z., Gustin, S., Shum, C., **Richardson, E.**, Redden, D., Richards, S., Finley, M., & Cowan, R. (February 23-25, 2023). Pain trajectories during virtual reality games in spinal cord injury individuals with chronic neuropathic pain. American Physical Therapy Association Combined Sections Meeting, San Diego, California.
5. Shepherd, M., & **Richardson, E. J.** (October 20-22, 2022). Comparison of free statistical software programs. Society for the Teaching of Psychology's 21st Annual Conference on Teaching, Pittsburgh, PA, virtual conference program.
6. Shepherd, M., & **Richardson, E. J.** Comparison of open-source statistical software. (October 12, 2021). UM Faculty & Research Teaching Symposium.
7. Venigalla, S., Bala, S., Reed, E., Webster, Z., Shum, C., Cowan, R., Gustin, S., Richards, S., **Richardson, E.**, & Trost, Z. (April 27, 2022). User experience in virtual reality pain intervention: Virtual reality walking for neuropathic pain following spinal cord injury. 12th Congress of the European Pain Federation, Dublin, Ireland.

8. Buckingham, A., & **Richardson, E. J.** (September 13-15, 2019). Resilience in the face of adversity: Exploring the effects of Optimism and grit on cold-pressor pain. Southern Pain Society Annual Meeting, New Orleans, LA.
9. Wiggins, A., & **Richardson, E. J.** (September 13-15, 2019). The role of executive functioning on pain sensitivity. Southern Pain Society Annual Meeting, New Orleans, LA.
10. Anam, M., Sizemore, K., Mansour, H., Seward, J., Mitchell, L., Shum, C., **Richardson, B.**, Richards, S., Gustin, S. Trost, Z. (2019, April). Virtual reality walking for neuropathic pain in spinal cord injury: Preliminary efficacy findings. American Pain Society Scientific Meeting, Milwaukee, WI.
11. McKinley, E., Zhang, J., McGwin, G., **Richardson, E.J.**, (April 11-12, 2016). Effectiveness of antidepressant therapy adjuvant to gabapentin or pregabalin for treatment of SCI-related neuropathic pain. Poster Presentation at the 2016 International Society for Pharmacoeconomics Mid-Year Meeting, Baltimore, MD.
12. **Richardson, E. J.**, Eick, J., McKinley, E., Richards, J.S. (February 28th, 2015). Somatosensory cortical activation in paraplegia: Pilot results from tactile stimulation and simulated walking paradigms. The American Psychological Association Division 22 (Rehabilitation Psychology) Mid-Winter Conference, San Diego, CA.
13. **Richardson, E. J.**, Eick, J. (September 2014). Somatosensory cortical activation in paraplegia: Potential effects of injury completeness, duration and visual simulation of walking. The 2014 Academy of Spinal Cord Injury Professionals annual conference, St. Louis, MO.
14. Galindo, J., **Richardson, E. J.**, McKinley, E.C., Richards J. S. (February 2014). Effects of Emotion Regulation on Response to a Visual-Feedback Treatment for SCI-Related Neuropathic Pain. The 2014 APA Division 22 (Rehabilitation Psychology) Annual Conference, San Antonio, TX.
15. Galindo, J., **Richardson, E. J.**, & Redden, D. T. (February 2013). Predicting SCI pain classification using verbal descriptors from the McGill Pain Questionnaire-Short Form (MPQ-SF) Sensory Scale. The 2013 APA Division 22 (Rehabilitation Psychology) Annual Conference, Jacksonville, FL.
16. **Richardson, E. J.**, Richards, J. S., Stewart, C. C., & Ness, T. J. (2011, September). *Effects of nicotine on spinal cord injury pain*. The 2011 annual meeting of the Academy of Spinal Cord Injury Professionals, Las Vegas, Nevada.
17. **Richardson, E. J.**, Richards, J. S., Stewart, C. C., & Ness, T. J. (2011, February). *The effect of nicotine use on spinal cord injury related pain: A randomized, double-blind, placebo-controlled crossover trial*. Poster session presented at the 13th annual meeting of the American Psychological Association Division 22 (Rehabilitation Psychology), Jacksonville, FL.
18. **Richardson, E. J.**, Richards, J. S., Ness, T. J., Oleson, C., Dinoff, B., & Roper, J. F. (2007, August) *The effect of nicotine use on spinal cord injury pain: A pilot study*. Poster session presented at the annual conference of the American Association of Spinal Cord Injury Psychologists and Social Workers, Orlando, FL.
19. **Richardson, E. J.**, & Richards, J. S. (2006, March). *Factor structure of the PHQ-9 varies with time since injury among persons with SCI*. Poster session presented at the annual meeting of the American Psychological Association Division 22, Reno, NV.

ORAL PRESENTATIONS / INVITED LECTURES

1. Felix, E., **Richardson, E.**, Azuero, C., et al. Resilience early after spinal cord injury contributes to lower pain severity and interference at one-year post-injury. International Spinal Cord Society Annual Scientific Meeting, Gothenburg, Sweden; Oct 8-11, 2025.

2. **Richardson, E. J.** (October 11, 2023). Transforming pain care: Insights from the field of pain psychology. University Scholar Lecture, UM Faculty & Research Teaching Symposium.
3. **Richardson, E. J.** Basic principles and advanced concepts in pain management. (October 15, 2022). Nurse Practitioner Alliance of Alabama 16th Annual Conference, Mobile, AL.
4. **Richardson, E. J.** The negative effect of discrimination on pain tolerance. (October 13, 2021). Faculty & Research Teaching Symposium, University of Montevallo.
5. **Richardson, E. J.,** McKinley, E., & Richards, J. S. Psychological resilience and pain in acute spinal cord injury rehabilitation: Moderating effects and longitudinal relationships following discharge. (October, 2020). Annual American Congress of Rehabilitation Medicine Virtual Conference. Abstract selected for oral presentation; presented on October 22, 2020.
6. **Richardson, E. J.** The effects of psychological factors on cold pressor pain: Is the glass half-full? (October 9, 2019). Faculty & Research Teaching Symposium, University of Montevallo.
7. **Richardson, E. J.** Your brain on pain: The psychology of how we hurt. (2019, March). Behavioral and Social Sciences, Brown Bag Series, University of Montevallo.
8. **Richardson, E. J.** Chronic Pain: A comprehensive, interdisciplinary and integrative approach to understanding and management. (2017, May). Department of Physical Medicine and Rehabilitation Grand Rounds, University of Alabama at Birmingham.
9. **Richardson, E. J.** Chronic Pain: A comprehensive, interdisciplinary, and integrative approach to management. (2016, July). Community Mental Health Summit. Samford University, Birmingham, AL.
10. **Richardson, E. J.** Psychology of Pain: Factors associated with treatment and the prediction of outcomes. (2016, April). Psychologists' Week, Birmingham VA Medical Center.
11. **Richardson, E. J.** (surrogate presenter: Zina Trost, PhD). Effects of virtual (illusory) walking on SCI-related pain: A randomized, controlled trial of a one-day treatment. (2016, February). Annual meeting of the American Psychological Association Division 22, Atlanta, GA.
12. **Richardson, E. J.** Spinal Cord Injury-Related Pain: A (Neuro) Biopsychosocial Perspective. (2012, Sept.). Evidence-Based Practice Series, Doleys Clinic & Baptist Health System, Birmingham, AL.
13. **Richardson, E. J.** & Redden, D.T. Assessing Multiple Pain Types and Sites as Recommended by the International Spinal Cord Injury Pain Data Set: Are We Analyzing the Data Correctly? Accounting for nested or clustered data in clinical trials. (2012, September). Academy of Spinal Cord Injury Professionals (ASCIP) 2012 Annual Conference.
14. **Richardson, E. J.** Effects of Nicotine on Spinal Cord Injury Related Pain: A Randomized, Double-Blind, Placebo-Controlled Crossover Trial. (2011, June). Presented at the ISCOS/ASIA 2011 International Conference Joint Plenary Awards Session.
15. Richards, J. S., Dillworth, T., **Richardson, E. J.** SCI Pain update. (2011, February). Invited symposium; Division 22 Mid-Winter meeting, Jacksonville, FL.
16. J. Scott Richards & **Richardson, E. J.,** Understanding and Intervening in the Adjustment Process Post SCI. (2010, July). Presented at the Model Systems of Care for Neurotrauma Patients: Continuing Education Course for Healthcare Providers; UAB Department of Physical Medicine and Rehabilitation.
17. **Richardson, E. J.** *Effects of Catastrophizing and Acceptance on Functional Interference in Chronic Pain: Laboratory Findings, Subjective Report, and the Moderating Role of Acceptance.* (2010, January). Presented to UAB Department of Physical Medicine and Rehabilitation Grand Rounds, Birmingham, AL.
18. **Richardson, E. J.,** & Richards, J. S. *Factor structure of the PHQ-9 across time since injury among persons with SCI* (2007, August). Presented at the annual conference of the American Association of Spinal Cord Injury Psychologists and Social Workers, Orlando, FL.

19. **Richardson, E. J.**, Richards, J. S., & Sutphin, S. *Lifetime outcomes and needs: A longitudinal study of joint pain following SCI and concurrent trends in participation, depression, and the effects of smoking* (2006, September). Presented to the American Congress of Rehabilitation Medicine and the American Society of Neurorehabilitation Joint Conference, Boston, MA.
20. **Richardson, E. J.** *Overview of neuropsychological assessment in the rehabilitation setting* (2006, November). Guest lecture for an undergraduate Tests & Measures class, Birmingham-Southern College, Birmingham, AL.
21. **Richardson, E. J.** *Structural and functional correlates of depression in temporal lobe epilepsy* (2006, March). Presented at the Epilepsy Noon Conference, Bradley Conference Center, Children's Hospital, Birmingham, AL.

MISCELLANEOUS

Cook, M. A. (2026, August 3). Richardson and Azuero publish research on effects of depression and resilience on pain outcomes after SCI. Heersink School of Medicine News.
<https://www.uab.edu/medicine/news/physical-medicine/richardson-and-azuero-publish-research-on-effects-of-depression-and-resilience-on-pain-outcomes-after-sci> (linked in the national Association for Academic Physiatrists weekly newsletter on August 11, 2026)

University of Montevallo News (2024, May 29). Great Minds: Richardson talks psych, pain and passing the torch. <https://www.montevallo.edu/great-minds-richardson-talks-psych-pain-and-passing-the-torch/>

UAB Health System (2013, August 22). Spain rehab evaluating virtual reality effect on neuropathic pain and functional brain changes. *Rehabilitation Insight*, 4(5), 1-3. (UAB print media that disseminated to Alabama PCPs; coverage of research/scholarly work)

UAB Medicine (2011, August 30). Alabama Student Chelsea Thrash's Recovery [Video]. Youtube. <https://www.youtube.com/watch?v=QaFXHEqeH1M>. (as clinical psychology rehabilitation team member)