

PCCR Publications for Biennial Research Report 2023-2025

35 articles in 20 peer-reviewed journals. Here are our highlighted publications (**Bold** are PCCR faculty and professional staff, *italicized* are PCC faculty):

1. **Anderson BR**, MacKenzie TM, Grout L, Whedon JM. [Comparative cost analysis of neck pain treatments for Medicare beneficiaries](#). *Arch Phys Med Rehabil* 2025;106(5):801-804.
2. **Salsbury SA**, Killinger LZ, Bhatti J, Twist E. [4Ms for age-friendly chiropractic care: Student perceptions following a brief educational intervention](#). *Gerontol Geriatr Edu* 2025;1-15.
3. Ziegler AML, Thorpe D, Kennedy D, Schulz C, **Salsbury SA**, Bronfort G, Evans L. [Barriers and facilitators to self-management in people with back-related leg pain: A qualitative secondary analysis](#). *Chiropr Man Ther*. 2025;33:17.
4. **Salsbury SA**, Funabashi M, Kangas KA, Woosley V, Crouch AN, Brown A, Lee AD, Borody CPA, Porter BJ, St-Onge E, Moore MP, Pohlman KA. [Suggestions for improving patient safety culture within international chiropractic teaching settings: A qualitative analysis of clinic partner feedback from a mixed method survey](#). *J Chiropr Educ*. 2025;39:eJCE-24-15.
5. Wayne PM, **Vining R**, **Long CR**, Burton WM, Litrownik D, Guzman J, Kilgore K, Hagan TJ, Rist PM, Kowalski MH. [Combined chiropractic care and Tai Chi for chronic neck pain: A protocol for a pilot randomized trial](#). *Contemp Clin Trials Commun*. 2025;45:101482.
6. Goode AP, Goertz C, Chakraborty H, **Salsbury SA**, Broderick S, Levy BT, Ryan K, Settles S, Hort S, Dolor RJ, Chrischilles EA, Kasper S, Stahl JE, Almond C, Reed SD, **Shannon Z**, Harris D, Daly J, Winokur, Lurie JD. [Implementation of the American-college of physicians guideline for low back pain \(IMPACT-LBP\): Protocol for a healthcare systems embedded multisite pragmatic cluster-randomised trial](#). *BMJ Open*. 2025;15(3), e097133.
7. **Anderson BR**, Herman PM, Whedon JM, Bradley R. [Determinants of complementary and integrative health approaches: a cross-sectional study using the All of Us research program](#). *J Integr Complement Med*. 2025; Epub (ahead of print).
8. Malika N, **Salsbury S**, Coulter I, Cooley K, Chesney M, Prenguber M, Tippens K, Maiers M. [Health equity checklist for research](#). *Ethics, Medicine, and Public Health*. 2025; 33: 101064.
9. Rudin RS, Herman PM, Vining R. [Addressing the "black hole" of low back pain care with clinical decision support: a user-centered design and usability study](#). *JMIR Human Factors*. 2025; 9: e66666.
10. **Shannon ZK**, **Long CR**, Chrischilles EA, Goertz CM, Wallace RB, Casteel C, Carnahan RM. [Effect of chiropractic care on low back pain for active-duty military members: Mediation through biopsychosocial factors](#). *PLoS One*. 2024;19(10):e0310642.
11. **Shannon ZK**, **Long CR**, Chrischilles EA, Goertz CM, Wallace Rb, Casteel C, Carnahan RM. [Secondary causal mediation analysis of a pragmatic clinical trial to evaluate the effect of chiropractic care for US active-duty military on biopsychosocial outcomes occurring through effects on low back pain interference and intensity](#). *BMJ Open*. 2024 19;14(11):e283509.
12. **Anderson BR**, MacKenzie TA, Lurie JD, Grout L, Whedon JM. [Patterns of initial treatment and subsequent care escalation among Medicare beneficiaries with neck pain: A retrospective cohort study](#). *Eur Spine J*. 2025 Feb;34(2):724-730.
13. **Salsbury SA**, Arikat SO, Martin MD, Haack S, Castro S, Frazier M, Weakley D, Lemke JH. [Coconut oil versus standard care for the prevention of diaper dermatitis in the neonatal intensive care unit: A randomized controlled trial](#). *J Neonatal Nursing*. 2024;30(3):300-306.

14. **Vining R, Baca K, Forlow E, McLean I.** [Influence of prior imaging review on recommendations for additional diagnostic testing: Retrospective analysis of imaging reports in a chiropractic radiology practice.](#) *J Manipulative Physiol Ther.* 2024;47(5):125-133.
15. **Anderson BR, Herman PM, Hays RM.** [Predictors of pain management strategies in adults with low back pain.](#) *J Complement Integr Med.* 2024 Mar;30(3):297-305.
16. **Anderson BR, Derby DC, Percuoco RE.** [Online vs. in-person delivery of preclinical coursework: A retrospective cohort study evaluating National Board exam performance.](#) *J Chiropr Educ.* 2024;38(2):87-91.
17. Yu Q, George SZ, Kyriakides TC, Rhon DI, Morasco BJ, Dziura J, Fritz JM, Geda M, Peduzzi P, **Long CR.** [Adapting to change: Experiences and recommendations from the Pain Management Collaboratory on modifying statistical analysis plans.](#) *Pain Med.* 2024;25(S1):S49-S53.
18. Bastian LA, Cohen SP, **Salsbury SA**, Davis AF, Katsoyich L, Kerns RD. [Engaging clinical partners in pragmatic clinical trials: Lessons learned from the Pain Management Collaboratory.](#) *Pain Med.* 2024;25(S1): S80-S82.
19. Dziura J, Gilstad-Hayden K, Coffman CJ, **Long CR**, Yu Q, Buta E, Coggeshall S, Geda M, Peduzzi P, Kyriakides TC. [Recommendations for monitoring adherence and fidelity in pragmatic trials based on experience in the Pain Managements Collaboratory.](#) *Pain Med.* 2024;25(S1):S41-S48.
20. Burns A, Young McCaughan S, Davis A, **Vining R**, Ali J, Fritz J, Morasco B, Rhon D, Roogow R, Kyriakides T, Kerns R. [Monitoring and reporting adverse events in pragmatic clinical trials testing nonpharmacological pain management interventions.](#) *Pain Med.* 2024;25(S1):A64-S67.
21. Peduzzi P, Brandt CA, Dearth CL, Dziura J, Farrokhi S, George SZ, Kyriakides TC, **Long CR**, Mascha EJ, Patterson CG, Rhon DI, Kerns RD. [Utility of the PICOTS framework to assess clinical trials disruptions: Monitoring the impact of COVID-19 in the Pain Management Collaboratory.](#) *Pain Med.* 2024;25(S1):S34-S40.
22. Burton W, **Salsbury SA**, Goertz CM. [Healthcare provider perspectives on integrating a comprehensive spine care model in an academic health system: A cross-sectional survey.](#) *BMC Health Serv Res.* 2024;24:125.
23. Daniels CJ, Cupler ZA, Napuli JG, Walsh RW, Ziegler AML, Meyer KW, Knieper MJ, Walters SA, **Salsbury SA**, Trager RJ, Gliedt JA, Young MD, Anderson KR, Kirk EJ, Mooring SA, Battaglia PJ, Paris DJ, Brown AG, Goehl JM, Hawk CK. [Development of preliminary integrated health care clinical competencies for United States Doctors of Chiropractic programs: A modified Delphi consensus process.](#) *Glob Adv Integr Med Health.* 2024;15;13:27536130241275944.
24. Coleman BC, Rubinstein SM, **Salsbury SA**, Swain M, Brown R, Pohlman KA. [The World Federation of Chiropractic Global Patient Safety Task Force: A call to action.](#) *Chiropr Man Ther.* 2024;32:15.
25. Burton W, Wayne PM, Litrownik D, **Long CR, Vining R**, Rist P, Kilgore K, Lisi A, Kowalski M. [Integrating chiropractic care and Tai Chi training for the treatment of chronic non-specific neck pain in nurses: A single-arm mixed-methods pilot trial.](#) *J Integr Complement Med.* 2024;30(12):1189-1199.
26. **Baca KJ, Derby DC, Salsbury SA.** [Resilient responses to stressful events among chiropractic students: A cross-sectional study.](#) *J Chiropr Educ.* 2024;38(1):82-95. (Cited: 1; IF: 0.72; Alt: 0)
27. **Anderson BR**, Whedon JM, Herman PM. [Dosing of lumbar spinal manipulative therapy and its association with escalated spine care: A cohort study of insurance claims.](#) *PLOS One.* 2024(1):e0283252.
28. **Anderson BA, Shannon K, Baca K, Crouse J, Ferguson A, Margrave A, Meyers M, Percuoco K, Schneider P, Smith J, Van Natta M, Wells B, Nightingale L, Salsbury SA.** [A scoping review to identify barriers and facilitators of research participation among chiropractic faculty.](#) *J Chiropr Educ.* 2024 Mar 4;38(1):50-59.
29. **Vining R, Smith J, Anderson B, Almquist Z, Wong D.** [Developing an initial set of quality indicators for chiropractic care: A scoping review.](#) *BMC Health Serv Res.* 2024 Jan 12;24(1):65.

30. Bejarano G, **Vining R**, Desai DP, Minchew J, Michael Guo H, Goertz C. [Development of a low back pain care pathway in an academic hospital system: Results of a consensus process.](#) *Othop Surg Res*. 2024 Jan 3;19(1):11. (Cited: 8; IF: 2.87; Alt: 7)
31. Gliedt JA, Reynolds M, Moonaz S, **Long CR**, Russell R, Schneider MJ. [Identifying and addressing patient substance use: A survey of chiropractic clinicians.](#) *Chiropr Man Ther*. 2023 Jul 3;31(1):18.
32. Baca KJ, **Salsbury SA**. [Adverse childhood experiences and trauma informed care for chiropractors: A call to action.](#) *Chiropr Man Ther*. 2023;31(1):30
33. Kinney W, **Anderson B**. [Nonoperative management of lateral epicondyle tendinopathy: An umbrella review.](#) *J Chiro Med*. 2023;22(3):204-211.
34. Gliedt JA, **Anderson BR**, Reynolds M, Moonaz S, **Long CR**, Russell R, Schneider MJ. [The prevalence of substance use disorders in chiropractic patients in the United States: A description study of two national datasets.](#) *J Subst Use*. 2023;30(1):157-161.
35. Rhon DI, Davis AF, Ali J, Brand C, Burns A, Lucio W, **Vining R**, Young-McCaughan S. [Ambiguity in care delivery terminology: Implications that affect pragmatic clinical trials using nonpharmacological interventions.](#) *BMJ Evid-Based Med*. 2024 Sep 20;29(5):296-299.