
Ben D. Kern, Ph.D.

Associate Professor

University of Wyoming, Division of Kinesiology & Health
Program Coordinator, Physical Education Teacher Education

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Education

2017 Doctor of Philosophy
University of Illinois Urbana-Champaign
Concentration: Kinesiology – Physical Education Pedagogy
Dissertation: Barriers to and Facilitators of Physical Education Teacher Change
Advisor: Dr. Kim C. Graber

2006 Continuing Education – 30 master’s level credits
Adams State University (Alamosa, Colorado)
Concentration: Educational Leadership – Principal Licensure

2002 Master of Arts
Adams State University (Alamosa, Colorado)
Concentration: Exercise Science

1999 Bachelor of Arts
Western Colorado University (Gunnison, Colorado)
Concentration: Kinesiology K-12 Physical Education

Professional Experience

2024-present Associate Professor, Division of Kinesiology & Health
University of Wyoming

2021-present Program Coordinator, Physical Education Teacher Education, Division of
Kinesiology & Health, University of Wyoming

2021-2023 Coordinator of Student Teaching Internships, Division of Kinesiology & Health,
University of Wyoming

2020-2024 Assistant Professor, Division of Kinesiology & Health
University of Wyoming

2019-2020 Interim Assistant Director, School of Kinesiology
University of Louisiana at Lafayette

2016-2020 Assistant Professor, School of Kinesiology
University of Louisiana at Lafayette

2013-2016 Teaching Assistant, Department of Kinesiology and Community Health
University of Illinois Urbana-Champaign

2008-2016 Adjunct Instructor, Department of Human Performance and Physical Education
Adams State University

2011-2013 Research Assistant – Site Coordinator

	Rocky Mountain Prevention Research Center University of Colorado – Denver Anschutz Medical Campus
2008-2011	Director of Strength & Conditioning / Associate Athletics Director Adams State University, Department of Athletics
2002-2008	Physical Education and Science Teacher / Athletics Director Center High School, Center, Colorado

Honors & Awards

2023-present	President, Wyoming Association for Health, Physical Education, Recreation, and Dance (WAHPERD)
2021	Honor Award, WAHPERD
2020	Reviewer of the Year for the journal, Measurement in Physical Education and Exercise Science (MPEES)
2020	Board member, Advocacy Committee Liaison, WAHPERD
2020	Vice-President, physical education. Louisiana Association for Health, Physical Education, Recreation, and Dance (LAHPERD)
2019	Outstanding Scholar Award, LAHPERD
2019	Representative of State of Louisiana at Centers for Disease Control Healthy Schools Academy Training of Trainers (ToT) (1 of 3 selectees statewide)
2018	Joan D. and Alexander S. Haig Endowed Professorship in Education. University of Louisiana at Lafayette. Discretionary allocation amount: \$4639.16, annually (3 yr. appointment)
2016	Seymour Sudman Dissertation Award (June, 2016). University of Illinois Survey Research Laboratory. <i>Barriers to and facilitators of physical education teacher change</i> . First place, \$2,000 award.
2015	Academic Poster Award – 29 th Australian Council for Health, Physical Education and Recreation (ACHPER) International Conference - <i>Addressing the obesity epidemic through legislation: Perspectives of state lawmakers</i> .

Peer Reviewed Articles

* = Corresponding author, ** = Student mentee, *** = In-service teacher collaborator

39. **Kern, B. D.**, Wright, A., Tolhurst, A., & Morrison, J. (in press). Strength & conditioning in physical education: Meeting the needs of all students by design. *Journal of Physical Education, Recreation, and Dance*.
38. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Simonton, K., Wallhead, T., Killian, C., & Woo, D. (2024). Physical education access in US public schools: A multi-state, multi-region study. *Journal of Teaching in Physical Education*. Advance online publication. <https://doi.org/10.1123/jtpe.2023-0340>
37. Merica, C. B., Egan, C. A., Webster, C. A., **Kern, B. D.**, Orendorff, K., Simonton, K. (2024). “We can do this”: Physical educators’ role breadth self-efficacy to be involved with CSPAPs from an occupational socialization perspective. *European Physical Education Review*, 0(0). <https://doi.org/10.1177/1356336X241254738>

36. **Kern, B. D.**, Malinowski, P., & Stephenson, D. (2024). WYO PETe and WAHPERD: origin, development, and successes of a great western alliance. *Journal of Health, Physical Education, Recreation, and Dance*, 95(5), 21-27. <https://doi.org/10.1080/07303084.2024.2319528>
35. Woo, D., **Kern, B. D.** Killian, C., Wilson, W., van der Mars, H., & Pierrottet (2024). Five questions state boards should ask about students' access to physical education. National Association of State Boards of Education, *Power of the Question*, 7(2). <https://www.nasbe.org/five-questions-state-boards-should-ask-about-students-access-to-physical-education/>
34. **Kern, B. D.**, & Patton, K. (2024). Continuing professional development in physical education: Perspectives and future directions. *Kinesiology Review*, 13(2), 186-196. <https://doi.org/10.1123/kr.2024-0006>
33. Greenberg, J. D., van der Mars, H., McKenzie, T. L., Battista, R. A., Chriqui, J., Cornett, K., Graber, K. C., **Kern, B. D.**, Russell, J. A., Ward, D. S., & Wilson, W. J. (2024). The role of physical education within the National Physical Activity Plan. *Journal of Health, Physical Education, Recreation, and Dance*, 95(2), 7-16. <https://doi.org/10.1080/07303084.2023.2291641>
32. Richards, K. A. R., Smith-Suchon, N., Kinder, C. J., **Kern, B. D.**, Graber, K. C., & Woods, A. M. (2024). Understanding midwestern U.S. teacher socialization during the COVID-19 pandemic. *European Physical Education Review*. 30(3), 397-413. <https://doi.org/10.1177/1356336X231209689>
31. Simonton, K., Wallhead, T., & **Kern, B. D.** (2024). Relationships between students' emotional experiences and cognitive and physical achievement during a middle school Sport Education season. *Journal of Teaching in Physical Education*, 43(3), 405-415. <https://doi.org/10.1123/jtpe.2023-0022>
30. ***Kern, B. D.**, Bellar, D., & Wilson, W. J. (2023). Examining the knowledge and training of secondary school physical educators providing strength and conditioning programming. *Journal of Teaching in Physical Education*, 43(1), 102-113. <https://doi.org/10.1123/jtpe.2022-0291>
29. ***Kern, B. D.**, Wilson, W. J., Bellar, D., & **Rasheed, S. (2023). Strength and conditioning in US schools: A qualitative investigation of physical educators' socialization and professional experiences. *Journal of Teaching in Physical Education*, 43(1), 31-38. <https://doi.org/10.1123/jtpe.2022-0207>
28. Wilson, W. J., Richards, K. A. R., Malinowski, P., & **Kern, B. D.** (2023). Fostering positive relationships among adapted and general physical educators in support of students with disabilities. *Journal of Physical Education, Recreation, & Dance*, 94(6), 21-28. <https://doi.org/10.1080/07303084.2023.2221716>
27. **Malinowski, P., **Kern, B. D.**, Wallhead, T. (2023). The adoption of models-based practices among in-service physical educators: A qualitative analysis. *Journal of Teaching in Physical Education*, 43(1), 93-101. <https://doi.org/10.1123/jtpe.2022-0142>
26. Wilson, W. J., Yun, J. K., & **Kern B. D.** (2022). Quantifying the contribution of physical education and recess to children's habitual physical activity. *The Elementary School Journal*, 123(2), 253-270. <https://doi.org/10.1086/721862>
25. **Imagbe, S., **Kern, B. D.**, & Clemons, J. (2022). Gender and grade level differences in teaching and assessing health-related fitness topics among US physical educators. *Journal of Health and Physical Literacy*, 1(1), 35-55. <https://johpl.org/index.php/johpl/article/view/3>

24. ***Kern, B. D.**, Wilson, W. J., **Malinowski, P., & Wallhead, (2022). Pedagogical practices among physical educators of different dispositions toward change: Results of a multi-region survey of US physical educators. *Journal of Teaching in Physical Education*, 42(2), 256-266. <https://doi.org/10.1123/jtpe.2021-0192>
23. Ellison, D. W., **Kern, B. D.**, Killian, C. M. (2022). Why they remain: Factors influencing teaching sustainability in high-poverty schools. *Physical Education & Sport Pedagogy*, 27(6), 654-668. <https://doi.org/10.1080/17408989.2021.1934661>
22. ***Kern, B. D.**, **Malinowski, P., ***Hunt, K., ***McInay, S., **Powell, B., & ***Stephenson, D. (2022). State of a state: Results from the Wyoming Physical Education and Physical Activity Policy Survey. *Journal of Teaching in Physical Education*, 41(4), 744-749. <https://doi.org/10.1123/jtpe.2021-0161>
21. **Malinowski, P. R., ***Kern, B. D.**, Gallagher, M. A., & ***Ellington, A. (2021). Authentic integration of physical education and mathematics: The geometry racket. *Strategies: A Journal for Sport and Physical Educators*, 34(6), 18-26. <https://doi.org/10.1080/08924562.2021.1977752>
20. Richards, K. A. R, **Kern, B. D.**, Ayers, S. F., Woods, A. M., & Graber, K. C. (2021). A theoretically informed conceptual framework for recruitment and retention in PETE. *Quest*, 73(1), 63-81. <https://doi.org/10.1080/00336297.2020.1869568>
19. ***Kern, B. D.**, Killian, C. M., Ellison, D. W., Graber, K. C., Belansky, E., & Cutforth, N. (2021). Teacher beliefs and changes in practice through professional development. *Journal of Teaching in Physical Education*, 40(4), 606-617. <https://doi.org/10.1123/jtpe.2019-0270>
18. ***Kern, B. D.**, Richards, K. A. R., Graber, K. C., Templin, T. J., & Housner, L. (2021). Toward an integrative model for teacher change in physical education. *Quest*, 73(1), 1-21. <https://doi.org/10.1080/00336297.2020.1835680>
17. ***Kern, B. D.**, Ellison, D., Killian, C., & Widmer, F. (2020). Initial validation of the Teaching Sustainability Questionnaire and relationships of latent factors predicting physical education teachers' intent to remain working in high poverty schools. *Measurement in Physical Education and Exercise Science*, 24 (3), 181-193. <https://doi.org/10.1080/1091367X.2020.1760870>
16. Duncan, C., & **Kern, B. D.** (2020). Getting competition under control. *Journal of Physical Education, Recreation & Dance*, 91(2), 33-41. <https://doi.org/10.1080/07303084.2019.1693451>
15. Killian, C., **Kern, B. D.**, Ellison, D. W., Graber, K. C. & Woods, A. M. (2020). State lawmaker's views on childhood obesity and related school wellness legislation. *Journal of School Health*, 90(4), 257-263. <https://doi.org/10.1111/josh.12871>
14. ***Kern, B. D.**, **Imagbe, S., Bellar, D., & Clemons, J. M. (2020). Health-related fitness content knowledge, physical activity, and instructional practices among US physical educators. *Research Quarterly for Exercise and Sport*, 91(1), 92-101. <https://doi.org/10.1080/02701367.2019.1648744>
13. Richards, K. A. R, **Kern, B. D.**, Housner, L, & Templin, T. J. (2020). Preparing preservice teachers for the reality of life in schools: The role of doctoral education. *Quest*, 72(3), 278-295. <https://doi.org/10.1080/00336297.2019.1685555>

12. ***Kern, B. D.**, Graber, K. C., Woods, A. M., & Templin, T. (2019). The influence of socializing agents and teaching context among teachers of different dispositions toward change. *Journal of Teaching in Physical Education*, 38, 252-261.
<https://doi.org/10.1123/jtpe.2018-0175>
11. ***Kern, B. D.**, Richards, K.A.R., Ayers, S., & Killian, C. (2019). Recruitment in PETE: Interview results and discussion. *Journal of Teaching in Physical Education*, 38, 45-52.
<https://doi.org/10.1123/jtpe.2018-0210>
10. ***Kern, B. D.**, Ayers, S., Killian, C., & Woods, A. M. (2019). Retention in PETE: Interview results and discussion. *Journal of Teaching in Physical Education*, 38, 61-67.
<https://doi.org/10.1123/jtpe.2018-0213>
9. Richards, K. A. R., Killian, C., Graber, K. C., & **Kern, B. D.** (2019). Studying physical education recruitment and retention: Qualitative and quantitative research methods. *Journal of Teaching in Physical Education*, 38, 22-36. <https://doi.org/10.1123/jtpe.2018-0010>
8. Woods, A. M., McLoughlin G., **Kern, B. D.**, & Graber, K. C. (2018). What's physical activity got to do with it?: Social trends in less active students at recess. *Journal of School Health*, 88, 500-507. <https://doi.org/10.1111/josh.12637>
7. ***Kern, B. D.**, & Graber, K. C. (2018) Understanding teacher change: A national survey of US physical educators. *Research Quarterly for Exercise and Sport*, 89, 80-90.
<https://doi.org/10.1080/02701367.2017.1411579>
6. ***Kern, B. D.**, Graber, K., Shen, S., & Hillman, C. H., McLoughlin, G. (2018). Association of school-based physical activity, socioeconomic status, and third grade reading. *Journal of School Health*, 88, 34-43. <http://dx.doi.org/10.1111/josh.12581>
5. Escalante, G., Gentry, C., **Kern, B. D.**, & Waryasz, G. (2017) Injury patterns and rates of Costa Rican CrossFit® participants: A retrospective study. *Medicina Sportiva*, 8, 2927-2934.
<https://www.medicinasportiva.ro/SRoMS/RMS/48/injury-patterns-Costa-Rican-CrossFit-participants-study.pdf>
4. ***Kern, B. D.**, & Graber, K. C. (2017). Physical education teacher change: Initial validation of the teacher change questionnaire-physical education. *Measurement in Physical Education and Exercise Science*, 21, 161-173. <http://dx.doi.org/10.1080/1091367X.2017.1319371>
3. Belansky, E., Cutforth, N., **Kern, B. D.**, & Scarbro, S. (2016). Disseminating evidence-based physical education practices in rural schools: The San Luis Valley Physical Education Academy. *Journal of Physical Activity and Health*, 13, 1002-1009.
<http://dx.doi.org/10.1123/jpah.2015-0467>
2. Woods, A. M., **Kern, B. D.**, McLoughlin G., & Graber, K. C. (2016). Social influence on school recess physical activity. *Health Behavior and Policy Review*, 3, 99-109.
<https://doi.org/10.14485/HBPR.3.2.2>
1. ***Kern, B. D.**, & Robinson, T.L. (2011). Effects of beta-alanine supplementation on performance and body composition in collegiate wrestlers and football players. *Journal of Strength and Conditioning Research*, 25, 1804-1815.
<http://doi.org/10.1519/JSC.0b013e3181e741cf>

Articles in Review

8. Ricci, J., **Kern, B. D.**, Killian, C. M., Trinh, A., Wilson, W. J., and van der Mars, H. (in review). Impact of state-level physical education policies on grade-level PE access in the United States: A comparative analysis of policy implementation and weekly PE minutes. Submitted to *Journal of Physical Activity and Health*.
 7. **Kern, B. D.**, Wilson, W. J., Killian, C. M., Paulson, L., van der Mars, H., Woo, D., & Wallhead, T. (in review). Declining physical education access in U.S. schools: A state-by-state analysis of policy implementation. Submitted to *Journal of Teaching in Physical Education*.
 6. **Kern B. D.** (in review). The PE crisis: A call to restore access to physical education in US schools. Submitted to *Journal of Physical Education, Recreation, and Dance*.
 5. Miller, K. E., Bautista, J. G., Smith, B. R., **Kern, B. D.**, Bell, C., Schlader, Z. J., Robinson, T. J., Bruns, D., Schmitt, E. E., & Johnson, E. C. (in review). Addressing challenges with environmental chambers: Self-assembled heat chambers are suitable for human thermoregulation research. Submitted to *Frontiers in Sports and Active Living*.
 4. Kahan, D., **Kern, B. D.**, van der Mars, H. (in review). Energy expenditure in US elementary physical education based on national teacher reported weekly time allocation. Submitted to *Journal of School Health*.
 3. Killian, C. M., **Kern, B. D.**, Wilson, W. J. (in review). Disparities in access to school-based physical activity opportunities for K-12 students across 25 U.S. states. Submitted to *Journal of Physical Activity and Health*.
 2. **Kern, B. D.**, & Palmer, L. (in review). Development and maturation of school principals' viewpoint of physical education's value to the academic mission: An occupational socialization perspective. Submitted to *European Physical Education Review*.
 1. **Salaam, A., ***Kern, B. D.**, Bellar, D., & Judge, L. (in review). Effects of personal mobile devices on social behavior and physical activity among young adults: A multi-group comparison study. Submitted to *Journal of Education and Health Promotion*.
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Articles in Preparation

1. Killian, C. M., **Kern, B. D.**, Ellison, D. W., Kinder, C. J., Graber, K. C., & Woods, A. M. (in preparation). *Whole-school physical activity programming legislation and policy: State lawmakers' perspectives*.
 2. Kern, B. D., Palmer, L., & Strater, C. (in preparation). *Integrating social and emotional learning in physical education: Outcomes of a targeted continuing professional development initiative*.
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Book Chapters

4. Killian, C., & **Kern, B. D.** (in press). *Chapter 9: Integrating health-related fitness into the curriculum*. In J. Greenberg (Ed.) *Physical best: Physical education for lifelong fitness and health*, 5th edition. Human Kinetics.
3. **Kern, B. D.**, & Killian, C. (in press). *Chapter 12: Assessing student understanding of health-related fitness*. In J. Greenberg (Ed.) *Physical best: Physical education for lifelong fitness and health*, 5th edition. Human Kinetics.

2. Gaudreault, K., Schulz, D., & Kern, B. D. (2023). Applying qualitative research design principles in physical education and sport pedagogy. In K. Andrew R. Richards, M. A. Hemphill, & P. M. Wright (Eds.). *Qualitative research and evaluation in physical education and sport pedagogy*. Jones and Bartlett Learning.
1. Duncan, C. A. & Kern, B. D. (2018). Toward a cooperation-competition continuum. In J. Merrick & G. Leisman (Eds.) *Movement: Brain, Body, and Cognition* (pp. 157-166). Nova Science Publishers.

Grants Successfully Funded

12. *US Physical Education and Physical Activity Policy (US-PEPAP) Interactive Database Project*. Wyoming Innovative Partnership, UW Data Hub Phase II Demonstration Projects Grant Program. \$29,972.13. Budget ID: 1005365C3-70001 (Principal Investigator).
11. *Social and Emotional Learning through Unified Physical Education Professional Learning Series*. Special Olympics Wyoming. \$11,055. Budget ID: 24-0001-A0001 (Principal Investigator).
10. *Standards-based Assessment in Physical Education Professional Learning Series*. Sweetwater County School District #1. \$10,000. Budget ID: 1005497 (Principal Investigator).
9. *Healthy Kids Roundup, Wyoming Association for Health, Physical Education, Recreation, and Dance*. American Heart Association. \$20,000 total as of FY 2023-24, \$10,000 annual renewal. Budget ID: 1005421A (Principal Investigator).
8. *Project Physical Education & Least Restrictive Environment*. VPR Research Incentive Seed Grant, University of Utah Research Foundation. \$20,000 (Co-Principal Investigator) Award #10060645.
7. *Initiating the Wyoming Physical Education Teaching Academy: Continuous professional development for using technology to assess K-12 student physical literacy*. Wyoming Department of Education. \$19,400 (Principal Investigator). Contract #206384
6. *Enhancing instructional skills of fitness and physical activity professionals using multimedia technology* (2018). University of Louisiana at Lafayette student technology enhancement program (STEP) grant program. \$6,953 (Principal Investigator)
5. *Barriers to and facilitators of physical education teacher change* (2016-2017). Illinois Association of Health, Physical Education, Recreation, and Dance (IAHPERD) Jump Rope for Heart research grant. \$4,941 (Co-Principal Investigator)
4. *Determinants of physical activity during recess in elementary schools* (2014-15). Illinois Association of Health, Physical Education, Recreation, and Dance (IAHPERD) student research. \$4,821 (Co-investigator)
3. *β -Alanine and high intensity interval training effects in female collegiate athletes* (2011). Athletic Edge Nutrition product research. \$2,000 (Principal Investigator)
2. *Implementing evidence-based school environment, policy, and curricular changes to increase opportunities for healthy eating and physical activity in low income, rural Colorado*. (2010-2013). Colorado Health Foundation. \$1.86 million (key personnel).

1. *Effects of beta-alanine supplementation on performance and body composition in collegiate wrestlers and football players* (2010). Athletic Edge Nutrition product research. \$2000 (Principal Investigator)

Grants in Review

2. *School-Based Interventions to Promote Equity and Improve Health, Academic Achievement, and Well-Being of Students*. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion (CDC-RFA-DP-23-0002). \$2,404,221.00 (Principal Investigator).
1. *Student Social & Emotional Self-regulation and Rural Health Intervention*. Sub-project proposal, National Institutes of Health, General Medical Sciences, Centers of Biomedical Research Excellence (COBRE) Phase 1 (PAR-22-250). \$181,529 (Co-Investigator).

Published Data Sets

51. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Alaska – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6797>
50. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Arkansas – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6800>
49. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Connecticut – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6801>
48. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Delaware – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6820>
47. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). District of Columbia – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6798>
46. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Florida – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6802>
45. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Georgia – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6799>
44. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Hawaii – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6807>
43. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Idaho – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6806>

42. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Indiana – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6822>
41. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Kansas – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6803>
40. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Kentucky – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6821>
39. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Maine – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6808>
38. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Maryland – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6810>
37. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Massachusetts – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6805>
36. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Mississippi – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6804>
35. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Montana – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6817>
34. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). New Jersey – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6818>
33. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). North Dakota – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6814>
32. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Oklahoma – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6815>
31. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). South Carolina – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6809>
30. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). South Dakota – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6813>
29. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Tennessee – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6816>

28. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Vermont – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6819>
27. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Washington – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6811>
26. **Kern, B. D.**, Wilson, W. J., van der Mars, H., Killian, C., Paulson, L., Wallhead, T., & Woo, D. (2024). Wyoming – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/wyoscholar/6812>
25. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Alabama – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23157722>
24. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Arizona – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21568602>
23. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). California – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21597780>
22. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Colorado – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21597870>
21. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Illinois – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23202107>
20. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Iowa – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23201858>
19. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Louisiana – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21597924>
18. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Michigan – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21597975>
17. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Minnesota – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21598008>
16. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Missouri – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23202410>
15. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). New Hampshire – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23203079>

14. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). New Mexico – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23200646>
13. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Nebraska – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21598044>
12. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Nevada – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21598089>
11. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). New York – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21598122>
10. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). North Carolina – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21598146>
9. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Ohio – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21598182>
8. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Oregon – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21598209>
7. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Pennsylvania – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23203292>
6. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Rhode Island – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21598305>
5. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Texas – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/21598359>
4. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Utah – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23227502>
3. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Virginia – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23227745>
2. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). West Virginia – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23228009>
1. **Kern, B. D.**, Wilson, W. J., Simonton, K., van der Mars, H., Wallhead, T., Woo, D., & Killian, C. (2022). Wisconsin – US physical education and physical activity policy (US-PEPAP) implementation surveillance data. <https://doi.org/10.15786/23298125>

Abstracts and Conference Proceedings (Not listed under Presentations)

35. Merica, C.B., Egan, C.A., **Kern, B.**, Webster, C.A., Orendorff, K., Simonton, K. (2024, May). *A qualitative exploration of physical educators' socialization and role breadth self-efficacy to be involved with CSPAP*. Paper presented at the annual meeting of the International Association for Physical Education in Higher Education Congress, Jyväskylä, Finland.
34. Killian, C., **Kern, B. D.**, Wilson, W. J., and van der Mars, H. (2024, March). *Physical education and physical activity access in elementary schools across CSPAP components*. Paper presented at the annual meeting of SHAPE America, Cleveland, OH.
33. **Kern, B. D.**, Killian, C., Wilson, W. J., and van der Mars, H. (2024, March). *Students' access to physical education in 25 us states: The US physical education and physical activity policy implementation project*. Paper presented at the annual meeting of SHAPE America, Cleveland, OH.
32. Carson, M., Simonton, K., Wallhead, T., & **Kern, B. D.** (2023, April). *Relationships between physical achievement, knowledge and emotions across one sport education model unit*. Paper presented at the annual meeting of SHAPE America, Seattle, WA.
31. **Kern, B. D.**, Strater, C. K., **Palmer, L., & **Malinowski, P. (2023, April). *Effects of continuing professional development on student and teacher perceptions of social and emotional competencies*. Paper presented at the annual meeting of SHAPE America, Seattle, WA.
30. **Palmer, L., **Kern, B. D.**, Simonton, K., & Buss, A. (2023, April). *The influence of social and emotional learning continuing professional development on principals' perception of physical education to the school academic mission*. Paper presented at the annual meeting of SHAPE America, Seattle, WA.
29. **Kern, B. D.**, Bellar, D., Wilson, W. J., & **Rasheed, S. (2023, April). *Socialization and professional experiences of physical educators providing strength and conditioning programming in K-12 schools*. Paper presented at the annual meeting of SHAPE America, Seattle, WA.
28. Bellar, D., **Kern, B. D.**, Wilson, W. J., & **Rasheed, S. (2023, April). *Knowledge and training of physical educators providing strength and conditioning programming in K-12 schools*. Paper presented at the annual meeting of SHAPE America, Seattle, WA.
27. **Kern, B. D.**, Strater, C. K., **Palmer, L., & **Malinowski, P. (2023, March). *Impact of customized continuing professional development on physical educators' behavioral capability, self-efficacy, and outcome expectation for teaching social and emotional competency*. Paper presented at the National Academy of Health & Physical Literacy Summit, Newport, RI.
26. **Kuehmichel, J. J., Schmitt, E. C., **Kern, B. D.**, & Johnson, E. C. (2022). Efficacy of online vs. in-person learning (validation of assessment questions): 2010. *Medicine & Science in Sports & Exercise*, 54(9S), 599. doi: 10.1249/01.mss.0000882576.25249.a8
25. Richards, K. A. R., Smith, N., Kinder, C. J., **Kern, B. D.**, Graber, K. C., & Woods, A. M. (2022, June). *Teaching physical education during the COVID-19 pandemic: A socialization perspective*. Paper presented at the International Association of Physical Education in Higher Education Conference, Gold Coast, Australia.

24. **Kern, B. D.**, Wilson, W. J., ****Malinowski, P.**, & Wallhead, T. (2022, April). Preferences for and receptiveness to continuing professional development among physical educators of different dispositions toward change. Paper presented at the annual meeting of SHAPE America, New Orleans, LA.
23. ****Malinowski, P.**, **Kern, B. D.**, Wallhead, T., & Burrows, A. (2022, April). Investigating physical educators' adoption of models-based practices. Poster presented at the annual meeting of SHAPE America, New Orleans, LA.
22. Aldret, R. L., Aldret, S., **Kern, B. D.**, & Bellar, D. (2022, March). *The physician and COVID-19: The policy and procedure conflict inside NCAA Division-I athletics*. Poster presented at the American Osteopathic Academy of Sports Medicine 2022 Clinical Conference, Orlando, FL.
21. ****Malinowski, P.**, **Kern, B. D.**, Wallhead, T., & Burrows, A. (2022, February). *Adopting models-based practices in physical education: A qualitative analysis*. Poster presented at the Health and Physical Literacy Summit 2022, Birmingham, AL.
20. **Kern, B. D.** & ****Malinowski, P.** (2022, February). *Effects of continuing professional development targeting Covid-19 modifications on physical education teachers' dispositions toward change*. Poster presented at the Health and Physical Literacy Summit 2022, Birmingham, AL.
19. **Kern, B. D.**, Wilson, W. J., ****Bueche, J.**, ****Theriot, E.**, & ****DeGravelle, G.** (2021, April). *Curriculum, instruction, and assessment practices among physical educators of different demographics and dispositions toward change*. Paper presented at the annual meeting of SHAPE America (virtual conference).
18. **Kern, B. D.**, Bellar, D., & ****Salaam, A.** (2021, April). *Patterns of social behavior among young adults with or without access to mobile phone and/or equipment for physical activity*. Paper presented at the annual meeting of SHAPE America (virtual conference).
17. Bellar, D., Judge, L. W., & **Kern, B. D.** (2021, April). *Associations of frequency of resistance exercise, salivary flow rate and psychological measures among college students*. Paper presented at the annual meeting of SHAPE America (virtual conference).
16. **Kern, B. D.**, Killian, C. M., Ellison, D. W., Graber, K. C., Belansky, E., & Cutforth, N. (2020, April). *Longitudinal impact of the Healthy Eaters, Lifelong Movers project on pedagogical practices and beliefs about physical education*. Paper presented at the annual meeting of SHAPE America, Salt Lake City, UT (Accepted, but not presented in person due to COVID-19).
15. Ellison, D. W., **Kern, B. D.**, & Killian, C. M. (2020, April). *Physical education teachers sense of purpose as an indicator of teaching sustainability in high-poverty schools*. Paper presented at the annual meeting of SHAPE America, Salt Lake City, UT (Accepted, but not presented in person due to COVID-19).
14. Bellar, D., ****Salaam, A.**, **Kern, B. D.** (2020, April). *The effect of cell phone use on social interaction and physical activity in college-aged adults*. Paper presented at the annual meeting of SHAPE America, Salt Lake City, UT (Accepted, but not presented in person due to COVID-19).
13. **Kern, B. D.**, Ellison, D. W., Killian, C. M., Graber, K. C., Belansky, E., Cutforth, N., & Woods, A. M. (2020, February). *Sustained effects of the San Luis Valley Physical Education*

Academy: A three-year follow-up study. Poster presented at the Health and Physical Literacy Summit 2020, Birmingham, AL.

12. **Kern, B. D.**, **Imagbe, Clemons, J. M., & S., Bellar, D. (2019, May). *Health-related fitness knowledge, physical activity, and instructional practices among male and female physical educators.* Poster presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.
11. Bellar, D., **Kern, B. D.**, Judge, L. W., & Davis, G. R. (2019, May). *Patterns of physical activity and mental state among college-aged men and women.* Oral presentation at the annual meeting of the American College of Sports Medicine, Orlando, FL.
10. Davis, G. R., Lavergne, M., Scott, D., **Kern, B. D.**, Bellar, D., & Nelson, A. (2019, May). *Potential benefits of repeated resting metabolic rate measurements.* Poster presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.
9. **Kern, B. D.**, **Imagbe, S., Bellar, D., & Clemons, J. M. (2019, April). *Variables related to teaching and assessing health-related fitness content knowledge among US physical educators.* Poster presented at the annual meeting of SHAPE America, Tampa, FL.
8. **Imagbe, S., **Kern, B. D.**, Bellar, D., & Clemons, J. M. (2019, April). *Health-related fitness knowledge and physical activity among physical educators.* Poster presented at the annual meeting of SHAPE America, Tampa, FL.
7. **Kern, B. D.**, & Graber, K. C. (2018, March). *Initiating change in physical education: Results of a national survey.* Poster presented at the SHAPE America National Conference, Nashville, TN.
6. Escalante, G., Gentry, C., Waryasz, G., & **Kern, B.** (2017, April). *Retrospective injury survey of Central American Crossfit® participants.* Poster presented at the Far West Athletic Trainers Association Annual Meeting & Clinical Symposium, Las Vegas, NV.
5. Killian, C. M., **Kern, B. D.**, Ellison, D. W., Steinberg, J. S., & Graber, K. C. (2017, March). *Schools' role in promoting child wellness: Perspectives of state lawmakers.* Poster presented at the SHAPE America National Conference, Boston, MA.
4. **Kern, B. D.**, Woods, A. M., McLoughlin, G., & Graber, K. C. (2015, March). *Social influence on physical activity during recess.* Oral presentation at the SHAPE America National Conference, Seattle, WA.
3. **Kern, B. D.**, McLoughlin, G., & Graber, K. (2014, April). *The relationship between in-school physical activity opportunities and third grade reading ability.* Poster presented at the SHAPE America National Conference, St. Louis, MO.
2. **Kern, B. D.**, & Robinson, T. L. (2012, July). *Effects of a 7-week beta-alanine supplementation on anaerobic power output in female collegiate soccer, softball, and volleyball players.* Poster presented at the NSCA National Conference, Las Vegas, NV.
1. **Kern, B.**, Robinson, T. L., & Manninen, A. H. (2008, July). *Effects of beta-alanine supplementation on exercise performance during a competitive wrestling season: An 8-week open label study.* Poster presented at the International Society of Sports Nutrition on National Conference, Las Vegas, NV.

Presentations

45. **Kern, B. D.**, Killian, C., Simonton, K., van der Mars, H., Wallhead, T., Wilson, W., Woo, D. (2023, March). *State of the states: PE/PA policy Implementation in the USA*. Presentation at the annual meeting of SHAPE America, Cleveland, OH.
44. **Kern, B. D.**, Simonton, K., van der Mars, H., Wallhead, T., Wilson, W., Woo, D. (2023, March). *Policy champions: PE/PA advocacy using state-specific policy implementation data*. Presentation at the annual meeting of SHAPE America, Seattle, WA.
43. **Kern, B. D.**, Killian, C., Simonton, K., van der Mars, H., Wallhead, T., Wilson, W., Woo, D. (2023, March). *Coffee Talk: PE and PA policy implementation – Policy champions information*. Presentation at the annual meeting of SHAPE America, Seattle, WA.
42. **Kern, B. D.**, Wilson, W., Simonton, K., van der Mars, H., Wallhead, T., Woo, D. (2023, March). *Building stronger policies in US schools: A grassroots national approach*. Presentation at the National Academy of Health & Physical Literacy Summit, Newport, RI.
41. **Kern, B. D.**, Strater, C. K., **Palmer, L., & **Malinowski, P. (2022, November). *SEL in PE research intervention: A WYO PETE success story*. Presentation at the annual Wyoming Association for Health, Physical Education, Recreation, & Dance convention, Lander, WY.
40. **Kern, B. D.**, Brinkman, D., & Torstenbo, N. (2022, November). *Job interviewing techniques for pre-service teachers*. Presentation at the annual Wyoming Association for Health, Physical Education, Recreation, & Dance convention, Lander, WY.
39. **Kern, B. D.**, Simonton, K., Wallhead, T., Carson, M., **Palmer, L., & Carey, N. (2022, November). *Wyoming physical education annual survey: The PE-307 project*. Paper presented at the annual Wyoming Association for Health, Physical Education, Recreation, & Dance convention, Lander, WY.
38. **Kern, B. D.**, **Malinowski, P., ***Hunt, K., ***McIlroy, S., ***Powell, B., & ***Stephenson, D. (2021, November). *Wyoming physical education and physical activity policy survey: Preliminary results*. Paper presented at the annual Wyoming Association for Health, Physical Education, Recreation, & Dance convention, Casper, WY.
37. **Malinowski, P., **Kern, B. D.**, Gallagher, M., & ***Ellington, A. (2021, April). *Authentic physical education and mathematics integration: The geometry racket*. Paper presented at the annual meeting of SHAPE America (virtual conference).
36. **Malinowski, P., **Kern, B. D.**, & Gallagher, M. (2021, March). *The cross-curricular intersection of geometry and net/wall games*. Paper presented at the annual Wyoming Association for Health, Physical Education, Recreation, & Dance convention (virtual).
35. **Kern, B. D.**, **Malinowski, P., & ***Powell, B. (2021, January). *How to communicate to administrators about PE's role in academic achievement*. Paper presented at the annual Wyoming Association for Health, Physical Education, Recreation, & Dance convention (virtual).
34. **Malinowski, P., **Kern, B. D.**, & ***Hunt, K. (2021, January). *Advocating for your program by educating stakeholders about PE's role in public health*. Paper presented at the annual Wyoming Association for Health, Physical Education, Recreation, & Dance convention (virtual).
33. **Kern B. D.**, Guccione, S., & McKey, K. (2020 June). *Closing the achievement gap: The role of school-based physical activity programming*. Paper presented at the annual Louisiana

Department of Education Teacher Leader Summit 2020, New Orleans, LA. (Online delivery due to COVID-19).

32. McKey, K., & **Kern, B. D.** (2020, February). *Assessment and grading: What's fair?* Paper presented at the Health and Physical Literacy Summit 2020, Birmingham, AL.
31. Killian, C. M., Kinder, C. J., **Kern, B. D.**, Ellison, D. W., Graber, K. C., & Woods, A. M. (2020, February). *Informing whole-school physical activity programming legislation and policy: State lawmakers' perspectives*. Paper presented at Active Living Research Conference 2020, Orlando, FL.
30. **Kern, B. D.**, ***Ellington, A., & Gallagher, M. A. (2019, November). *Geometry racket: Integration of net/wall games with mathematics*. Paper presented at the Louisiana Association for Health, Physical Education, Recreation, and Dance state conference, Baton Rouge, LA.
29. **Kern, B. D.** (2019, November). *Best practices in physical education showcase*. Paper presented at the Louisiana Association for Health, Physical Education, Recreation, and Dance state conference, Baton Rouge, LA.
28. Ellison, D. W., **Kern, B. D.**, & Killian, C. M. (2019, June). *Initial validation of the teaching sustainability questionnaire*. Paper presented at the annual meeting for the International Association for Physical Education in Higher Education (AIESEP), New York, NY.
27. Ellison, D. W., **Kern, B. D.**, & Killian, C. M. (2019, April). *PE teacher resilience and psychological flexibility as indicators for intent to remain teaching in high-poverty schools*. Poster presented at the annual meeting of SHAPE America, Tampa, FL.
26. Bellar, D., **Kern, B. D.**, & Judge, L. W. (2019, April). *Body fat, weight training, and mental wellness among college students*. Paper presented at the annual meeting of SHAPE America, Tampa, FL.
25. Judge, L. W., **Kern, B. D.**, & Bellar, D. (2019, April). *Body fat and weight training among college students*. Paper presented at the annual meeting of SHAPE America, Tampa, FL.
24. Guccione, S., **Kern, B. D.**, & McKey, K. (2018, November). *Assessing the new Louisiana state physical education standards*. Paper presented at the Louisiana Association for Health, Physical Education, Recreation, and Dance state conference, Baton Rouge, LA.
23. Richards, K. A. R., Ward, P., Ayers, S. F., Graber, K. C., Woods, A. M., Sibley, B., Ballard, K., Cleland, F., Snyder, S., Centeio, E., Connolly, M., Killian, C., & **Kern, B. D.** (2018, October). *General session: An interview about recruitment and retention in PETE/HETE*. Presented at the SHAPE America PETE/HETE Conference, Salt Lake City, UT.
22. Gallagher, M. A. & **Kern, B. D.** (2018, October). *Geometry racquet*. Paper presented at the Annual Meeting of the Louisiana Association of Teachers of Mathematics, Shreveport, LA.
21. Duncan, C., & **Kern, B.D.** (2018, July). *The competition-cooperation continuum*. Paper presented at Movement: Brain, Body, Cognition International Conference, Harvard Medical School, Boston, MA.
20. **Kern, B. D.**, & Graber, K. C. (2018, March). *Development and application of an instrument to measure teacher change*. Poster presented at the annual meeting of SHAPE America, Nashville, TN.

19. **Kern, B. D.**, Killian, C. M., Richards, K. A. R., & Ayers, S. F. (2018, March). *PETE faculty members' beliefs about recruitment: issues, challenges, and strategies*. Paper presented at the annual meeting of SHAPE America, Nashville, TN.
18. Ayers, S. F., Richards, K. A. R., Woods, A. M., Graber, K. C., Killian, C., & **Kern B. D.** (2018, March). *PETE recruitment and retention: Where we are and future directions*. Roundtable discussion presentation at the SHAPE America National Conference, Nashville, TN.
17. **Kern, B. D.**, Newman, N., & Spell, K. (2017, November). *Using technology to assess student learning: Practical strategies for teachers*. Paper presented at the Louisiana Association for Health, Physical Education, Recreation, and Dance state conference, Baton Rouge, LA.
16. **Kern, B. D.**, & Graber, K. (2017, March). *Student and contextual influences on physical education teacher change*. Paper presented at the annual meeting of SHAPE America, Boston, MA.
15. Cutforth, N., Belansky, E. S., **Kern, B. D.**, Scarboro, S. & Smith, N. (2017, February). *Improving the quality of physical education in low-income rural schools: Lessons learned from the physical education academy*. Paper presented at the Active Living Research annual conference, Clearwater Beach, FL.
14. Killian, C. M., Ellison, D. W., **Kern, B. D.**, & Woods, A. M. (2016, November). *Physical educators and their role in promoting child wellness: Perspectives of state lawmakers*. Paper presented at the Illinois Association for Health, Physical Education, Recreation and Dance Conference, St. Charles, IL.
13. **Kern, B. D.**, Graber, K., Shen, S., Hillman, C. H., & McLoughlin, G. (2016, April). *In-school physical activity moderates socioeconomic status and third-grade reading relationship*. Oral presentation at the annual meeting of SHAPE America, Minneapolis, MN.
12. **Kern, B. D.**, Woods, A. M., Graber, K. C., & McLoughlin, G. (2016, April). *Social influences on students' physical activity levels during school recess*. Oral presentation at the annual meeting of SHAPE America, Minneapolis, MN.
11. Killian, C. M., **Kern, B. D.**, Ellison, D. W., Downs, M. N., Hua, A., Choi, D. S., Woods, A. M., & Graber, K. C. (2015, November). *Legislators' perceptions of the current status of wellness and obesity levels in children*. Poster presented at the 1st FIEP Afro-European Conference on Physical Education and Sport, Rabat, Morocco.
10. **Kern, B. D.**, McLoughlin, G. M, Woods, A. M., & Graber, K. C. (2015, October). *Determinants of physical activity during school recess*. Paper presented at Society of Health and Physical Educators (SHAPE) America PETE & HETE conference, Atlanta, GA.
9. Woods, A. M., Graber, K. C., McLoughlin, G. M, & **Kern, B. D.** (2015, July). *Examining recess-based physical activity across multiple school contexts: A mixed methods approach*. Paper presented at the annual meeting for the International Association for Physical Education in Higher Education, Madrid, Spain.
8. Killian, C. M., **Kern, B. D.**, Ellison, D. W., MacFarlane, M. N., Hua, A., Choi, D. S., Woods, A. M., Graber, K. C. (2015, April). *Addressing the obesity epidemic through legislation: Perspectives of state lawmakers*. Poster presented at the annual meeting of The Australian Council for Health, Physical Education and Recreation, Adelaide, Australia.
7. **Kern, B. D.**, & Woods, A., (2014, January) *Active Students = Better learners: Strategies to get kids moving*. Paper presented at Urbana School District 116 Institute Day, Urbana, IL.

6. Woods, A. M., Graber, K. C., & **Kern, B. D.** (2014, July). *Research-based physical education: Strategies that promote student engagement and enjoyment*. Presentation at the World Conference on Physical Education and Sport, Shanghai, China.
5. **Kern, B. D.**, (2013, October) *SPARK it up! High quality PE in action*. Paper presented at the 2013 Healthy Students + Healthy Schools = Academic Success event hosted by the University of Colorado Rocky Mountain Prevention Research Center, Alamosa, CO.
4. Cutforth, N., & **Kern, B. D.**, (2013, October) *High quality physical education: What is it? Will You know it when you see it?* Paper presented at the 2013 Healthy Students + Healthy Schools = Academic Success event hosted by the University of Colorado Rocky Mountain Prevention Research Center, Alamosa, CO.
3. Belansky, E., Cutforth, N., & **Kern, B. D.**, (2012, October) *The San Luis Valley Physical Education Academy: A regional approach to transforming 14 low-income, rural districts' physical education programs*. Paper presented at the 2012 NASPE Physical Education Teacher Education (PETE) conference, Las Vegas, NV.
2. Lichtenstein, G., **Kern, B. D.**, Cutforth, N., Belansky, E., Myers, K., Johnson, P., & Martinez, E., (2012, July). *High quality physical education is academic: A partnership between Adams State University and the Healthy Eaters Lifelong Movers (HELM) Project for promoting and sustaining high quality physical education in the San Luis Valley*. Paper presented at the 43rd Annual Conference of the Colorado Association of School Executives (CASE), Breckenridge, CO.
1. **Kern, B. D.**, & Robinson, T. L. (2009, July). *Effects of beta-alanine supplementation on performance and body composition in collegiate wrestlers and football players*. Oral presentation at the NSCA National Conference, Las Vegas, NV.

Scholarship of Teaching and Learning: Invited Presentations

26. Battista, R., Greenberg, J., **Kern, B. D.**, Wilson, W. J., & van der Mars, H. (2024, December 1). *Move, learn, thrive: Implementing the National Physical Activity Plan*. Presentation at the SHAPE America “By You, For You” webinar series.
25. **Kern, B. D.**, (2023, November 17). *Access to physical education in the US and the state of New York*. Presentation at the general session of the 85th annual conference of the New York State Association of Health, Physical Education, Recreation, and Dance, Verona, NY.
24. **Kern, B. D.** (2023, November 17). *Getting in the policy game: Using policy implementation data to advocate for PE and PA in NY*. Invited presentation by the Higher Education Section of the New York State Association for Health, Physical Education, Recreation, and Dance at the 2023 Annual Conference, Verona, New York.
23. **Kern, B. D.** (2023, November 16). *The state of physical education and physical activity in New York: Analysis of the NY-PEPAP data and directions for future action*. Invited presentation at the New York Teacher Educator Academy, Verona, New York.
22. **Kern, B. D.** (2023, March 27). *Social & emotional learning in physical education: A WYO PETe Success Story*. Presentation at Special Olympics Wyoming, Unified Champion Schools, Lander, WY.
21. **Kern, B. D.** & Patton, K. (2022, October 21). *Continuing professional development in physical education: Perspectives and future directions*. Presentation at Janus 2.0 Conference. University of Illinois Urbana-Champaign.

20. **Kern, B. D.** (2022, February 15). Episode 221 of Playing with Research in Health and Physical Education Podcast hosted by Risto Martinen. *Teacher beliefs and changes in practice through professional development*.
19. **Kern, B. D.** (2022, February 15). Episode 215 of Playing with Research in Health and Physical Education Podcast hosted by Risto Martinen. *State of a state: Results of the Wyoming Physical Education and Physical Activity Policy Survey*.
18. **Kern, B. D.** (2021, September 17). *Coordinating multiple sectors to meet students' physical, mental, and emotional needs* [Invited presentation]. Project ISAACC 2021 Symposium (US Dept. of Education, Grant No. H325K200014), University of Utah, Salt Lake City, Utah.
17. **Kern, B. D.**, McKey, K., Duncan, C., & Wilson, W. (2019, August). *Quality physical education for healthier schools*. Presentation at Lafayette Parish School System Professional Development Series, Lafayette, LA.
16. **Kern, B. D.**, Duncan, C., Wilson, W., & Guccione, S. (2019, August). *Active and inclusive learning in physical education*. Presentation at St. Martin Parish School System all-day professional development workshop, Breaux Bridge, LA.
15. **Kern, B. D.** (2019, July). *Closing the achievement gap with physical activity*. Presentation at the Physical Activity Leaders Summer Institute, University of Northern Colorado, Greeley, CO.
14. **Kern, B. D.** (2019, April). *Overview of essential components of physical education*. Lunch & Learn online webinar. Accessible at <https://www.eventbrite.com/e/overview-of-essential-components-of-physical-education-tickets-56511349969>
13. **Kern, B. D.** (2019, April). *Comprehensive school physical activity programs (CSPAP) overview, implementation, and evaluation*. Presentation at the Louisiana Health Schools Academy Training of Trainers, Baton Rouge, LA.
12. **Kern, B. D.** (2019, April). *Essential components of physical education and classroom physical activity*. Presentation at the Louisiana Health Schools Academy Training of Trainers, Baton Rouge, LA.
11. **Kern, B. D.**, McKey, K., Guccione, S., Duncan, C., Simonton, K., & Hill, K. (2018, August). *Louisiana Department of Education physical education standards assessment training*. Presentation at the Lafayette Parish School System Professional Development Series, Lafayette, LA.
10. **Kern, B. D.**, Duncan, C., Lavergne, C., Hill, K., & Guccione, S. (2017, August). *Louisiana Department of Education physical education standards revision update and training*. Presentation at the Lafayette Parish School System Professional Development Series, Lafayette, LA.
9. **Kern, B. D.** (2017, April). *Fitness, physical activity, and cognition: What we now know*. Keynote address at University of Louisiana at Lafayette Student Research Symposium.
8. **Kern, B. D.** (2017, February). *Using assessment to improve instruction in physical education*. Presentation at the Lafayette Parish School System Professional Development Series, Lafayette, LA.
7. **Kern, B. D.** (2016, November). *Episode 4 – Ben Kern*. The Teacher Tunnel Podcast. Available at: <http://www.teachertunnel.com/>

6. **Kern, B. D.** (2015, February). *Why schools need quality physical education and how administrators can make it happen!* Presentation at Center Consolidated School District, Center, CO.
 5. **Kern, B. D.** (2015, February). *Why schools need quality physical education and how teachers can make it happen!* Presentation at Adams 50 School District, Denver, CO.
 4. **Kern, B. D.,** (2012, March). *Affinity mapping: The facilitation of vision.* Presentation to the Community Advisory Board of the Rocky Mountain Prevention Research Center, Alamosa CO.
 3. **Kern, B. D.,** (2011, June). *Designing a training program for your sport.* Presented at the Capstone Experience: On-line Master's in Coaching Degree Cohort, Adams State College, Alamosa CO.
 2. **Kern, B. D.,** (2010, May). *Nutritional needs for today's athlete.* Presented at All-Sports Coaching Clinic, Adams State College, Alamosa CO.
 1. **Kern, B. D.,** (2009, June). *Strength training basics.* Presented at the Capstone Experience: On-line Master's in Coaching Degree Cohort, Adams State College, Alamosa CO.
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Scholarship of Teaching and Learning: Professional Development

14. Strater, C..., **Kern, B. D.,** Perdum, J., & Jones, T. (October, 2023). *SEL through Unified PE: Next Steps for SEL through Unified PE.* Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Social and emotional learning in physical education professional learning series.
13. Strater, C..., **Kern, B. D.,** Perdum, J., & Jones, T. (September, 2023). *SEL through Unified PE: Refining SEL through Unified PE Skills.* Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Social and emotional learning through Unified PE professional learning series.
12. Strater, C..., **Kern, B. D.,** Perdum, J., & Jones, T. (August, 2023). *SEL through Unified PE: Beginning SEL through Unified PE.* Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Social and emotional learning through Unified PE professional learning series.
11. Wells, B., **Kern, B. D.** & Jones T. (2022, June). *Standards-based grading.* Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Standards-based assessment in physical education.
10. Wells, B., **Kern, B. D.** & Jones T. (2022, June). *Higher order digital assessments with purpose.* Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Standards-based assessment in physical education.
9. **Kern, B. D.,** Wells, B., & Jones T. (2022, May). Standards-based assessment in physical education. Three-part series (16 contact hours) presented by the Wyoming Physical Education Teaching (WYO PETe) Collaborative in partnership with the Sweetwater County School District #1.
8. **Kern, B. D.,** Strater, C. Palmer, L., Malinowski, P., & Jones, T. (2022, January). *Social and emotional learning in physical education professional learning series.* Three-part series (16 contact hours) presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative annual continuing professional development initiative.

7. Strater, C., **Kern, B. D.**, Palmer, L., Malinowski, P., & Jones, T. (January, 2022). *SEL in PE: Next steps for your program*. Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Social and emotional learning in physical education professional learning series.
6. Strater, C., **Kern, B. D.**, Palmer, L., Malinowski, P., & Jones, T. (December, 2021). *SEL in PE: Refine your SEL skills*. Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Social and emotional learning in physical education professional learning series.
5. Strater, C., **Kern, B. D.**, Palmer, L., Malinowski, P., & Jones, T. (November, 2021). *SEL in PE: Getting started with SEL*. Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Social and emotional learning in physical education professional learning series.
4. **Kern, B. D.**, Wells, B., Strater, C., Malinowski, P., & Jones, T. (2020, December). *Strategies for delivering quality PE during the Covid-19 era professional learning series*. Three-part series (16 contact hours) presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative annual continuing professional development initiative.
3. Strater, C., **Kern, B. D.**, & Jones, T. (December, 2020). *Teacher self-care during demanding times*. Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Strategies for delivering quality PE during the Covid-19 era professional learning series.
2. Wells, B., **Kern, B. D.**, & Jones, T. (November, 2020). *Engaging students and maintaining a productive learning environment*. Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Strategies for delivering quality PE during the Covid-19 era professional learning series.
1. Wells, B., **Kern, B. D.**, & Jones, T. (October, 2020). *Technology basics for remote/hybrid delivery*. Presented at the Wyoming Physical Education Teaching (WYO PETe) Collaborative: Strategies for delivering quality PE during the Covid-19 era professional learning series.

Research Advisement

13. Garbutt, K. (in progress). Sociopolitical issues faced by first-and second -year physical education teachers. (Chair)
12. Espinoza, C. (2024). Journaling in physical education and its influence on students' personal and social responsibility in predominantly Latino classes. (Committee member).
11. Juarez, K. A (2024). Investigating the development of students' growth mindset in an 8-week physical activity afterschool program: Teacher and students experiences (Committee member).
10. Carson, M. (2023). *Exploring the emotions and emotional antecedents of lower skilled female middle school students during Sport Education and traditional teaching*. (Committee member).
9. Palmer, L. (2023). *The influence of a social and emotional learning continuing professional development initiative on school principals' perception of the contribution of physical education to the school academic mission* (Chair).
8. Powell, B. (2022). *Perceived mattering and marginalization: Two antithetical constructs collide*. Master's thesis, University of Wyoming (Chair).
7. Malinowski, P. (2022). *Models-based practice adoption among inservice physical educators: An occupational socialization perspective*. Master's thesis, University of Wyoming (Chair).

6. Kuehmichel, J. J. (2022). *Efficacy of online vs. in-person teaching (validation of the assessment questions)*. Master's thesis, University of Wyoming (Committee member).
5. Sponsel, J. (2022). *Managing teacher-coach role conflict in rural school contexts*. Master's thesis, University of Wyoming (Committee member).
4. Monlezun, K. (2021). *Resistance training knowledge, background, and professional role of US physical educators*. Master's thesis, University of Louisiana at Lafayette (Committee member).
3. Salaam, A. (2019). *The effects of cell phone use on the physical activity levels of college students*. Undergraduate honor's thesis, University of Louisiana at Lafayette (Committee member).
2. Rudesill, D. (2019). *The effects of starting age for volleyball-specific training on long-term outcomes*. Master's thesis, University of Louisiana at Lafayette (Committee member).
1. Imagbe, S. (2019). *Health-related fitness knowledge and physical education teachers*. Master's thesis, University of Louisiana at Lafayette (Committee member).

Courses Taught

University of Wyoming

KIN 2002: Movement Core II: Lifetime Physical Education

KIN 4029: Methods of Training and Conditioning with Lab

KIN 4099: Student Teaching in Physical Education

KIN 5586: Physical Education in a Public Health Context

KIN 4013: School Administration in the Health Sciences

KIN 5586: Teacher Socialization in Physical Education

KIN 4080: Assessment in Physical Education

KIN 2001: Movement Core II: Net/Target Games

University of Louisiana at Lafayette

KNES 499: Internship in Kinesiology

HLTH 313: Coordinated School Health Education Strategies

KNES 459: Management & Instructional Design for Activity Settings

EDCI 488: Student Teaching in Grades K-12

EDCI 485: Internship Alternative Certification I

EDCI 487: Internship Alternative Certification II

EDCI 400: Phase I Teaching Internship Residency

KNES 305: Motor Behavior & Control

KNES 322: Skills & Techniques: Racquet Sports

KNES 449: Secondary School Health and Physical Education Methods

KNES 509: Organization and Management of Exercise and Activity Programs

University of Illinois

KIN 460: Technology and Pedagogical Kinesiology

KIN 268: Children's Movement

KIN 262: Motor Development & Learning (Discussion Section)

KIN 130: Analysis of Basic Movement

KIN 109: Team Sport Activities

Adams State University

HPPE 539: Techniques of Coaching Strength & Conditioning (Online)

HPPE 509: Concepts in Exercise Science (Online)

HPPE 340: Kinesiology
 HPPE 316: Methods of Teaching Secondary Physical Education
 HPPE 120: Concepts in Wellness
 HPPE 120: Concepts in Wellness Open Enrollment (Online)

Certifications

- Teaching Foundations Certificate, U. of Illinois Center for Innovation in Teaching & Learning
 - Quality Matters Professional Certification in Online Teaching
 - Colorado Professional Teacher License, endorsed K-12 Physical Education and Secondary Science
 - Colorado Initial Principal License
 - National Strength and Conditioning Association, Strength & Conditioning Specialist (CSCS)
 - USA Weightlifting Sports Performance Coach
 - System for Observing Fitness Instruction Time (SOFIT) Certified Data Collector
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Professional Service

Committee

National Physical Activity Plan (NPAP) Education Sector Committee Member

Extension and Institutional Outreach

Wyoming Physical Education Teaching (WyoPETe) Collaborative (Founder and Principal Director). www.wyopete.com

Editorial

Editorial board Journal of Health and Physical Literacy (JOHPL)

Guest editor International Journal of Environmental Research and Public Health

Reviewer

Society of Health & Physical Educators (SHAPE) America – (abstracts & research grants)

Research Quarterly for Exercise and Sport (RQES)

European Physical Education Review (EPER)

Journal of Physical Activity and Health (JPAH)

Journal of Teaching in Physical Education (JTPE)

Measurement in Physical Education and Exercise Science (MPEES)

Nutrients

Progress in Community Health Partnerships (PCHP)

Quest

Journal of Clinical Medicine (JCM)

Memberships

National Academy for Health and Physical Literacy (NAHPL)

Society of Health and Physical Educators (SHAPE) America

Wyoming Association for Health, Physical Education, Recreation, and Dance (WAHPERD)

Louisiana Association for Health, Physical Education, Recreation, and Dance (LAHPERD)

Illinois Association for Health, Physical Education, Recreation, and Dance (IAHPERD)

American College of Sports Medicine (ACSM)

National Strength & Conditioning Association (NSCA)

University Service

Committee

Chair – Peer evaluation of teaching committee

Member – Kinesiology PhD program proposal

Program lead for college of education accreditation – PETE program

Member – PETE faculty search committee

Other Roles

Coordinator of student teaching internship (2021-2023), Division of Kinesiology and Health

Division of Kinesiology and Health COVID-19 Compliance Coordinator (2020-2022)

University of Louisiana at Lafayette

Mentor Teacher Training Coordinator

Graduate Internships Coordinator

Undergraduate Internship Site-Coordinator

Graduate Student Independent Study Director

University of Illinois

Laboratory leader – Pedagogical Qualitative Research Laboratory,

Individualized Research Planning – James Scholar Program