

# Jennifer M. Krause

## Curriculum Vitae

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University of Northern Colorado  
College of Natural and Health Sciences, Department of Kinesiology, Nutrition, and Dietetics  
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## EDUCATION

- 2010      **Doctor of Philosophy** – Education: Kinesiology-Physical Education Pedagogy  
University of Virginia, Charlottesville, VA  
Dissertation: *The impact of physical education student teaching experiences on technology integration self-efficacy.*  
Chair: B. Ann Boyce, Ph.D.
- 2007      **Master of Education** - Curriculum and Instruction  
Concentration: Integrating Technology in Schools  
George Mason University, Fairfax, VA
- 2003      **Bachelor of Science** – Health and Physical Education  
Edinboro University of Pennsylvania, Edinboro, PA

## PROFESSIONAL EMPLOYMENT HISTORY

- 2018-Present    Associate Professor of Physical Education and Physical Activity Leadership  
Program Coordinator: B.S. & Post-Baccalaureate Physical Education K-12 Teaching  
Research Faculty, UNC Active Schools Institute  
University of Northern Colorado, Greeley, CO  
School of Sport & Exercise Science/Department of Kinesiology, Nutrition, & Dietetics  
College of Natural & Health Sciences
- 2013-2018      Assistant Professor of Sport Pedagogy  
Program Coordinator: B.S. & Post-Baccalaureate Physical Education K-12 Teaching  
University of Northern Colorado, Greeley, CO  
School of Sport and Exercise Science, College of Natural and Health Sciences
- 2010-2013      Assistant Professor of Health and Kinesiology  
The University of Texas at San Antonio, San Antonio, TX  
Department of Health and Kinesiology, College of Education & Human Development
- 2010              Adjunct Instructor  
Bridgewater College, Department of Health & Human Sciences, Bridgewater, VA
- 2007-2010      Instructor and Graduate Teaching Assistant  
University of Virginia, Department of Kinesiology, Charlottesville, VA

- 2007-2008 Summer Camp Director  
Wexford Manor, Wesley Housing Development, Falls Church, VA
- 2004-2007 Health and Physical Education Teacher/Head Track & Field/Basketball Coach  
Grace E. Metz Middle School, Manassas, VA
- 2003-2005 Athletic Instructional Clinic Director & Group Leader  
The Gow School Summer Program, South Wales, NY
- 2003-2004 Alcohol, Tobacco, and Other Drug Prevention Specialist Educator  
Northwest Human Development, Warren, PA

## RESEARCH/SCHOLARLY ACTIVITIES

### Refereed Publications

- Krause, J.M.** & Jenny, S.E. (in press). Physical educators' exergaming integration experiences, attitudes, and self-efficacy beliefs. *The Physical Educator*.
- Dauenhauer, B., **Krause, J. M.**, Cox, D. G., Hodgins, K. L., McMullen, J. M., & Carson, R. L. (2022). A two-year evaluation of professional development workshops focused on physical education and school physical activity. *Journal of Teaching in Physical Education*. Advance online publication. <https://doi.org/10.1123/jtpe.2021-0201>.
- Ha, T., Dauenhauer, B., & **Krause, J.M.** (2022). Facilitating alternative assessment with technology in physical education. *Strategies: A Journal for Physical and Sport Educators*, 35(2), 36-39.
- Armstrong, T., **Krause, J.M.**, & Jenny, S.E. (2022). Health and physical educators' roles in promoting and implementing the WSCC model: introduction to feature series. *Journal of Physical Education, Recreation, and Dance*, 93(2), 8-10.
- McMullen, J.M., Killian, C.M., Richards, K.A.R., Jones, E.M., **Krause, J.M.**, O'Neil, K., & Marttinen, R. (2022). The PETE Collaborative: Established in crisis, sustained through community. *Quest*. DOI: 10.1080/00336297.2021.2012212
- Jenny, S.E., Chung, J.J., & **Krause, J.M.** (2022). A quasi-experimental mixed-method comparison of sport video gaming versus direction instruction: Increasing sport knowledge and motivating future sport intentions. *International Journal of Human Movement Science*.
- Robey, H., **Krause, J.M.**, & Smith, M. (2021). Physical education cooperating teacher participation and beliefs as a student teacher supervisor. *The Field Experience Journal*, 27(1), 122-142.
- Krause, J.M.** & Jenny, S.E. (2021). Exergaming effects on physical activity beliefs and intention among at-risk Hispanic youth. *International Journal of Technology in Teaching and Learning*, 16(2), 93-105.
- Cox, D. & **Krause, J.M.** (2021). Graduate teaching assistants' experiences using digital media pedagogies in university physical activity courses. *The Physical Educator*, 78(5), 456-481.

<https://doi.org/10.18666/TPE-2021-V78-I5-10597>

- Ha, T., Moon, J., Dauenhauer, B., **Krause, J.M.**, McMullen, J.M., Gaudreault, K.L. (2021). Health-related fitness levels among Title 1 elementary school students. *International Journal of Environmental Research and Public Health*, 18 (15), 7778.  
<https://doi.org/10.3390/%20ijerph18157778>
- Lynch, B., **Krause, J.M.**, & Douglas, S. (2021). Physical education student teachers' perceptions of traditional vs. virtual observation. *The Physical Educator*, 78(2), 138-162.  
<https://doi.org/10.18666/TPE-2021-V78-I2-10187>
- McMullen, J.M., Hodgin, K., **Krause, J.M.**, Dauenhauer, B., & Carson, R.L. (2021). "It makes you fly to the moon" – Stakeholder perceptions of physical activity in the school environment. *European Journal of Environment and Public Health*, 5(2), em0070.  
<https://doi.org/10.21601/ejeph/9372>
- Krause, J.M.**, O'Neil, K., & Jones, E. (2020). Technology in physical education teacher education: A call to action. *Quest*, 72(3), 241-259. DOI: 10.1080/00336297.2019.1685553
- Cox, D.G., **Krause, J.M.**, & Roth, K. (2020). Welcome to the matrix: Intersecting physical education and technology standards. *Journal of Physical Education, Recreation, and Dance*, 91(7), 52-55.
- Franks, H. & **Krause, J.M.** (2020). Physical education cooperating teachers' perceptions of preparedness for the student teaching experience. *The Physical Educator*, 77(2), 357-383.
- Krause, J.M.**, & Cox, D. (2020). Using video for feedback in physical education. *Society for Health and Physical Educators Colorado Journal*, 46(3), 20-21.
- Cox, D., **Krause, J.M.**, & Smith, M.A. (2019). Technology in university physical activity courses: A mini-ethnographic case study. *The Qualitative Report*, 24(10), 2554-2574.
- O'Neil, K. & **Krause, J.M.** (2019). Physical education teacher education faculty self-efficacy towards educational technology. *The Physical Educator*, 76(5), 1287-1305.
- Douglas, S., **Krause, J.M.**, & Franks, H. (2019). Shifting preservice teachers' perceptions of impairment through disability-related simulations. *Palaestra*, 33(2), 45-56.
- Krause, J.M.** & Lynch, B.M. (2018). Faculty and student perspectives of and experiences with TPACK in PETE. *Curriculum Studies in Health and Physical Education*, 9(1), 58-75.
- Krause, J.M.**, Douglas, S., Lynch, B., & Kesselring, L. (2018). Let's get virtual: Observing physical education field experiences through synchronous video conferencing. *Strategies: A Journal for Physical and Sport Educators*, 31(1), 30-34.
- Dauenhauer, B., Carson, R., **Krause, J.**, Hodgin, K., & Weinberger, C. (2018). Cultivating physical activity leadership in schools: A three-tiered approach to professional development in Colorado. *Journal of Physical Education, Recreation, and Dance*, 89(9), 51-57.

- Krause, J.M.** (2017). Physical education student teachers' technology integration self-efficacy. *The Physical Educator*, 74(3), 476-496.
- O'Neil, K., **Krause, J.M.**, & Douglas, S. (2017). University supervisor perceptions of live remote supervision in physical education teacher education training. *International Journal of Kinesiology in Higher Education*, 1(4), 113-125.
- Krause, J.M.**, Franks, H., & Lynch, B. (2017). Current technology trends and issues among health and physical education professionals. *The Physical Educator*, 74(1), 164-180.
- Krause, J.M.**, O'Neil, K., & Dauenhauer, B. (2017). Plickers: A formative assessment tool for K-12 and PETE professionals. *Strategies: A Journal for Physical and Sport Educators*, 30(3), 30-36.
- Franks, H. & **Krause, J.M.** (2017). Winning with pinning: Enhancing health and physical education with Pinterest. *The Journal of Physical Education, Recreation, and Dance*, 88(5), 15-19.
- Dauenhauer, B., **Krause, J.M.**, Douglas, S., Smith, M., & Stellino, M.B. (2017). A newly revised master's degree in physical education and physical activity leadership. *The Journal of Physical Education, Recreation, and Dance*, 88(2), 14-19.
- O'Neil, K. & **Krause, J.M.** (2016). The sport education model: A track and field unit application. *The Journal of Physical Education, Recreation, and Dance*, 87(9), 14-20.
- Milbrath, M., Stoecker, P., & **Krause, J.M.** (2016). Video analysis for the assessment of running efficiency. *Track and Cross Country Journal*, 2(4), 279-283.
- Krause, J.M.** & Taliaferro, A. (2015). Supporting students with autism spectrum disorders in physical education – there's an app for that. *Palaestra*, 29(2), 45-51.
- Krause, J.M.**, Dauenhauer, B., Douglas, S., & Smith, M. (2015). Using technology to address the Colorado CHPE outcomes. *Society for Health and Physical Educators Colorado Journal*, 40(5), 6-12.
- Krause, J.M.** & Sanchez, Y. (2014). Meeting NASPE standards: There's an app for that! *Strategies: A Journal for Physical and Sport Educators*, 27 (4), 3-12.
- Krause, J.M.** & Benavidez, E.A. (2014). Potential influences of exergaming on self-efficacy for physical activity and sport. *The Journal of Physical Education, Recreation, and Dance*, 85 (4), 15-20.
- Kelly, L.E., Taliaferro, A., & **Krause, J.** (2012). Does computer-based motor skill assessment training transfer to live assessing? *Research Quarterly for Exercise and Sport*, 83 (3), 400-406.
- Block, M.E., Taliaferro, A., Harris, N.P., & **Krause, J.** (2010). Using self-efficacy theory to facilitate inclusion in general physical education. *The Journal of Physical Education, Recreation, and Dance*, 81(3), 43-46.

## **Refereed Abstracts**

- Krause, J.M.**, Ha, T., Dauenhauer, B., & O'Neil, K. (2022). Technology-related professional development opportunities for PETE faculty. *Research Quarterly for Exercise and Sport*, 93(sup1), A-106-A-107. DOI: 10.1080/02701367.2022.2049678
- Fan, X., McMullen, J.M., **Krause, J.M.**, & Dauenhauer, B. (2022). The status of physical education in Colorado. *Research Quarterly for Exercise and Sport*, 93(sup1), A-108-A-109. DOI: 10.1080/02701367.2022.2049678
- Krause, J.M.**, O'Neil, K., Cox, D., & Brooks, C. (2019). The exploration of technology courses in physical education teacher education. *Research Quarterly for Exercise and Sport: Vol. 90* (1), A-96.
- Franks, H., **Krause, J.M.**, & Smith, M. (2019). Physical education cooperating teachers' participation and beliefs as teacher educators. *Research Quarterly for Exercise and Sport: Vol. 90* (1), A-80.
- Dauenhauer, B., **Krause, J.**, Walker, S., Capps, M., McMullen, J., & Carson, R. L. (2019). A two-year evaluation of PE/PA professional development workshops. *Research Quarterly for Exercise and Sport: Vol. 90* (1), A-119.
- Krause, J.M.** & Lynch, B.M. (2018). Preparing technologically proficient educators in PETE: Faculty and student perspectives. *Research Quarterly for Exercise and Sport: Vol. 89* (1), A-186.
- Stoepker, P., Dauenhauer, B., McMullen, J., **Krause, J.**, Pulling Kuhn, A.C., Capps, M.S., & Carson, R.L. (2018). University-community engagement strategies to develop physical activity leaders in Colorado. *Research Quarterly for Exercise and Sport: Vol. 89* (1), A-104.
- O'Neil, K.M. & **Krause, J.M.** (2017). Physical education faculty use and self-efficacy toward educational technology. *Research Quarterly for Exercise and Sport: Vol. 88* (1), A-161.
- Franks, H.M. & **Krause, J.M.** (2017). Cooperating teachers' perceptions of preparedness for the student teaching experience. *Research Quarterly for Exercise and Sport: Vol. 88* (1), A-142.
- Bishop, J.C., **Krause, J.M.**, & Baghurst, T. (2017). Validation of the scale of children's perceived motor skills. *Research Quarterly for Exercise and Sport: Vol. 88* (1), A-60.
- Krause, J.M.** & Lynch, B. (2016). Preparing 21<sup>st</sup> century educators: TPACK in physical education teacher education. [Abstract]. *Research Quarterly for Exercise and Sport: Vol. 87* (2), A-131. DOI: 10.1080/02701367.2016.1217725
- Krause, J.M.**, Franks, H., & Lynch, B. (2016). Current technology trends and issues among HPE professionals. [Abstract]. *Research Quarterly for Exercise and Sport: Vol. 87* (2), A 126-127. DOI: 10.1080/02701367.2016.1217725
- Krause, J.M.**, Douglas, S., & Lynch, B. (2015). Student teachers' perceptions of traditional vs. remote video observation. [Abstract]. *Research Quarterly for Exercise and Sport: Vol. 86* (2),

A-131. (Research Consortium Abstracts). DOI: 10.1080/02701367.2015.1049504

**Krause, J.M.** (2014). Exergaming implementation beliefs and behaviors among middle school physical educators. [Abstract]. *Research Quarterly for Exercise and Sport: Supplement to Vol. 85* (1), A-143. (Research Consortium Abstracts).

**Krause, J.M.** (2013) Physical educators' exergaming integration behaviors, attitudes, and self-efficacy beliefs. [Abstract]. *Research Quarterly for Exercise and Sport: Supplement to Vol. 84* (1), A-47. (Research Consortium Abstracts).

**Krause, J. M.** (2012). The effects of exergaming on self-efficacy and enjoyment among at-risk Hispanic youth. [Abstract]. *Texas Association HPERD Journal. Supplement to Vol. 81* (1).

Schroyer, R., **Krause, J.**, Gano-Overway, L., Boyce, B.A., Whaley, D., Steele, E. (2012). Relationships between sources of competence and perceived motivational climate. [Abstract]. *Research Quarterly for Exercise and Sport: Supplement to Vol. 83* (1), A-80-81. (Research Consortium Abstracts).

**Krause, J. M.** (2011). The impact of student teaching experiences on technology integration self-efficacy. [Abstract]. *Research Quarterly for Exercise and Sport: Supplement to Vol. 82* (1), A-45. (Research Consortium Abstracts).

**Krause, J. M.** (2011). Reported technology experiences of physical education student teachers. [Abstract]. *Texas Association HPERD Journal. Supplement to Vol. 80* (1), 12.

Kelly, L.E., Taliaferro, A., & **Krause, J.** (2010). The generalization of computer-based assessment training. [Abstract]. *Research Quarterly for Exercise and Sport: Supplement to Vol. 81* (1), A-33-34. (Research Consortium Abstracts).

### **Textbook**

Jenny, S.E., **Krause, J.M.**, & Armstrong, T. (2020). *Technology for physical educators, health educators, and coaches: Enhancing management, instruction, assessment, professional development, and advocacy*. Champaign, IL: Human Kinetics.

### **Book Chapter**

**Krause, J.M.** & Lynch, B.M. (2020). Faculty and student perspectives of and experiences with TPACK in PETE. In M. Parker & M. O'Sullivan (Eds.), *Physical Education Teacher Education in a Global Policy Space*. New York, NY: Routledge.

### **Book Review**

**Wolfe, J.** (2008). [Review of the book *122 Ways to Build Teams, Second Edition*]. *American School Board Journal*, 195, 49.

### **Published Documents**

**Krause, J.M.** & McMullen, J. (2021). Colorado physical education school re-entry recommendations.

UNC Active Schools Institute.

McMullen, J. & **Krause, J.M.** (2021). Colorado school physical activity re-entry recommendations. UNC Active Schools Institute.

### **Invited Online Publications**

**Krause, J.M.** (2017, July 18). *Assessing students in physical education with Plickers*. [Invited Blog post]. Retrieved from <http://community.shapeamerica.org/blogs/jennifer-krause/2017/07/19/assessing-students-in-pe-with-plickers>

### **Scholarship in Progress**

**Krause, J.M.** & O'Neil, K. (in review). The impact of role models and experiences on PETE students' technological, pedagogical, and content knowledge. *The Physical Educator*.

Robey, H. & **Krause, J.M.** (in review). Cooperating teachers' participation and beliefs regarding teacher educator functions. *Journal of Teaching in Physical Education*.

Robey, H. & **Krause, J.M.** (in review). Examining physical education cooperating teachers' experiences during the student teaching experience. *The Physical Educator*.

**Krause, J.M.**, O'Neil, K., Cox, D., & Brooks, C. (in preparation). The examination of PETE technology courses.

Robey, H. **Krause, J.M.**, & McMullen, J. (in preparation). The intersection of a teacher, teacher educator, and teacher educator in-training.

**Krause, J.M.**, Ha, T., Dauenhauer, B., & O'Neil, K. (in preparation). Meeting the teacher education technology competencies: Professional development opportunities for PETE faculty.

**Krause, J.M.**, O'Neil, K., Ha, T., Dauenhauer, B., & Adams, V. (in preparation). Technology professional development offerings for PETE faculty: Strengths and weaknesses in the field.

## **SCHOLARLY PRESENTATIONS**

### **National/International Refereed Presentations**

**Krause, J.M.**, O'Neil, K., Ha, T., Dauenhauer, B., & Adams, V. (March, 2023). *Technology professional development for PETE faculty: Strengths and gaps*. Session submitted for presentation at the Society for Health and Physical Educators (SHAPE) America National Convention, Seattle, WA.

Dauenhauer, B., McMullen, J., **Krause, J.**, Ha, T., Adams, V., Paulson, L., & Pena, J. (2023, March). *The nine essential elements of an active school culture*. Session submitted for presentation at the Society for Health and Physical Educators (SHAPE) National Conference, Seattle, WA.

- McMullen, J., Dauenhauer, B., **Krause, J.M.**, Ha, T., Fan, X., Adams, V., & Paulson, L. (2023, March). *A comprehensive evaluation system to measure the impact of a stat-legislated physical education pilot program*. Session submitted for presentation at the Society for Health and Physical Educators (SHAPE) National Conference, Seattle, WA.
- McMullen, J., Dauenhauer, B., **Krause, J.M.**, Fan, X., Ha, T., Paulson, L., Adams, V., (2022, June). Towards policy change: Overview and baseline results of the Colorado PE pilot. Conference presentation. AIESEP World Congress, Gold Coast, Australia.
- Jones, E.M., Killian, C.M., **Krause, J.M.**, O'Neil, K., Marttinen, R., McMullen, J., & Richards, K.A. (2022, June). *Creating a sense of community in higher education through the PETE collaborative*. Conference presentation. AIESEP World Congress, Gold Coast, Australia.
- Krause, J.M.**, Ha, T., Dauenhauer, B., & O'Neil, K. (2022, April). *Technology-related professional development opportunities for PETE faculty*. Society of Health and Physical Educators America, New Orleans, LA.
- O'Neil, K., **Krause, J.M.**, Killian, C., Richards, K.A.R., Jones, E., McMullen, J., & Marttinen, R. (2022, April). *PETE roundtable on recruitment and retention*. Society of Health and Physical Educators America, New Orleans, LA.
- Fan, X., McMullen, J., **Krause, J.M.**, & Dauenhauer, B. (2022, April). *The status of physical education in Colorado*. Society of Health and Physical Educators America, New Orleans, LA.
- McMullen, J., Jones, E., **Krause, J.M.**, Killian, C., O'Neil, K., Richards, K.A.R., & Marttinen, R. (2022, January). *Sustaining a virtual community: The PETE collaborative*. National Association for Kinesiology in Higher Education. Phoenix, AZ.
- Brooks, C., McMullen, J., **Krause, J.**, Dauenhauer, B. (2021, June). Results of a physical education teacher education program's curriculum mapping exercise. Research oral presentation at the Association Internationale des Écoles Supérieures d'Éducation Physique (AIESEP) World Congress: Canada, Virtual.
- Brooks, C., **Krause, J.M.**, Dauenhauer, B., & McMullen, J. (2021, April). *Assessing SLOs in PETE: A whole program revision*. Oral presentation at the Society of Health and Physical Educators America, Virtual.
- Krause, J.M.**, O'Neil, K., & Jones, E. (2021, January). *Tech Literacy in PETE: Deconstructing the Teacher Educator Technology Competencies*. Oral presentation at the National Association for Kinesiology in Higher Education Conference, Virtual.
- Krause, J.M.**, Dauenhauer, B., McMullen, J., & Brooks, C. (2020, April). *Assessing SLOs in PETE: A whole program revision*. Oral presentation at the Society of Health and Physical Educators America, Salt Lake City, UT. (Conference canceled)
- O'Neil, K., **Krause, J.M.**, Taliaferro, A., & Campbell, A. (2020, April). *HPE appy hour: 60 apps in 60 minutes*. Oral presentation at the Society of Health and Physical Educators America, Salt Lake City, UT. (Conference canceled)
- Krause, J.M.**, O'Neil, K., Cox, D., & Brooks, C. (2019, April). *The exploration of technology courses in*



- physical education teacher education*. Poster presentation at the Society of Health and Physical Educators America, Tampa, FL.
- Franks, H., **Krause, J.M.**, & Smith, M. (2019, April). *Physical education cooperating teachers participation and beliefs as teacher educators*. Poster presentation at the Society of Health and Physical Educators America, Tampa, FL.
- Dauenhauer, B., **Krause, J.**, Walker, S., Capps, M., McMullen, J., & Carson, R. L. (2019, April). *A two-year evaluation of PE/PA professional development workshops*. Oral presentation at the annual meeting of the Society of Health and Physical Educators America, Tampa, FL.
- Krause, J.M.** & O'Neil, K. (2018, October). *Physical education teacher education students' technological, pedagogical, and content knowledge*. Poster presentation at the Physical Education and Health Education Teacher Education Conference, Salt Lake City, UT.
- Dauenhauer, B., Stoepker, P., **Krause, J.M.**, & Carson, R. (2018, October). *Assessing PETE training in whole of school approaches*. Roundtable presentation at the Physical Education and Health Education Teacher Education Conference, Salt Lake City, UT.
- McMullen, J., Hodgin, K., **Krause, J.M.**, & Carson, R. (2018, July). *Support for movement in school: Considering perspectives from multiple stakeholders*. Oral presentation at the International Association for Physical Education in Higher Education Conference, Edinburgh, Scotland.
- Brooks, C., Cox, D., **Krause, J.M.**, & McMullen, J. (2018, April). *Get the bigger picture with 360 degree cameras in field experiences*. Oral presentation at the National Field Experience Conference, Greeley, CO.
- Krause, J.M.** & Lynch, B.M. (2018, March). *Preparing technologically proficient educators in PETE: Faculty and student perspectives*. Roundtable presentation at the Society of Health and Physical Educators America National Convention, Nashville, TN.
- Franks, H. & **Krause, J.M.** (2018, March). *Bridging teaching experience with teacher preparation: A self-study*. Poster presentation at the Society of Health and Physical Educators America National Convention, Nashville, TN.
- O'Neil, K., **Krause, J.M.**, Richards, K.A.R., Wahl-Alexander, Z., Doan, R., & Healy, S. (2018, March). *Surviving and thriving as an early career academic*. Oral presentation at the Society of Health and Physical Educators America National Convention, Nashville, TN.
- O'Neil, K., Kelly, L.E., & **Krause, J.M.** (2018, March). *Strategies to help improve online instruction in PETE/A-PETE*. Oral presentation at the Society of Health and Physical Educators America National Convention, Nashville, TN.
- Stoepker, P., Dauenhauer, B., McMullen, J., **Krause, J.**, Pulling Kuhn, A.C., Capps, M.S., & Carson, R.L. (2018, March). *University-community engagement strategies to develop physical activity leaders in Colorado*. Poster presentation at the Society of Health and Physical Educators America National Convention, Nashville, TN.
- Krause, J.M.** & Cox, D. (2017, June). *Teaching a physical education technology course: A flipped learning approach*. Oral presentation at the Higher Education Flipped Learning Conference,

Greeley, CO.

O'Neil, K.M. & **Krause, J.M.** (2017, March). *Physical education faculty use and self-efficacy toward educational technology*. Poster presentation at the Society of Health and Physical Educators America National Convention, Boston, MA.

Franks, H.M. & **Krause, J.M.** (2017, March). *Cooperating teachers' perceptions of preparedness for the student teaching experience*. Poster presentation at the Society of Health and Physical Educators America National Convention, Boston, MA.

Bishop, J.C., **Krause, J.M.**, & Baghurst, T. (2017, March). *Validation of the scale of children's perceived motor skills*. Oral presentation at the Society of Health and Physical Educators America National Convention, Boston, MA.

**Krause, J.M.** & O'Neil, K. (2017, January). *Implementing Synchronous Video-Based Field Experience Supervision: Steps for Success*. Poster presentation at the National Association for Kinesiology in Higher Education Conference, Orlando, FL.

**Krause, J.M.**, O'Neil, K., & Taliaferro, A. (2017, January). *Plickers: A Formative Assessment App for the Innovative Educator*. Poster presentation at the National Association for Kinesiology in Higher Education Conference, Orlando, FL.

Stoepker, P., Lynch, B., Nam, Y., **Krause, J.M.**, Dauenhauer, B., Stellino, M.B., McMullen, J., Smith, M., & Carson, R.L. (2017, January). *The Future of physical activity leadership: Characteristics of school professionals seeking a master's degree in physical education and physical activity leadership*. Poster presentation at the National Association for Kinesiology in Higher Education Conference, Orlando, FL.

O'Neil, K. & **Krause, J.M.** (2017, January). *PETE University Supervisors' Perceptions of Use and Feasibility of Live Remote Supervision*. Poster presentation at the National Association for Kinesiology in Higher Education Conference, Orlando, FL.

Douglas, S., **Krause, J.M.**, & Franks, H. (2016, June). *Changing preservice teachers' perceptions of disability through simulation experiences*. International Association for Physical Education in Higher Education Conference, Laramie, WY.

**Krause, J.M.**, Douglas, S., & O'Neil, K. (2016, April). *University supervisor perceptions of live remote supervision in PETE training*. Oral presentation at the National Field Experience Conference, Greeley, CO.

**Krause, J.M.** & Lynch, B. (2016, April). *Preparing 21<sup>st</sup> century educators: TPACK in physical education teacher education*. Poster presentation at the Society of Health and Physical Educators America National Convention, Minneapolis, MN.

**Krause, J.M.**, Franks, H., & Lynch, B. (2016, April). *Current technology trends and issues among HPE professionals*. Poster presentation at the Society of Health and Physical Educators America National Convention, Minneapolis, MN.

**Krause, J.M.**, Smith, M., Dauenhauer, B., & Douglas, S. (2015, October). *Revising a PETE program for*

- the 21st century using stakeholder input.* Oral presentation at the Health and Physical Education Teacher Education Conference, Atlanta, GA.
- Dauenhauer, B., **Krause, J.M.**, Smith, M., Douglas, S. Stellino, M., & Carson, R. (2015, October). *Development of a master's program focused on CSPAP leadership: Perspectives from the University of Northern Colorado.* Oral presentation at the Health and Physical Education Teacher Education Conference, Atlanta, GA.
- Krause, J.M.**, Douglas, S., Lynch, B., & Kesselring, L. (2015, April). *Using remote video as an alternative to traditional student teacher observation.* Oral presentation at the National Field Experience Conference, Greeley, CO.
- Krause, J.M.**, Douglas, S., & Lynch, B. (2015, March). *Student teachers' perceptions of traditional vs. remote video observation.* Poster presentation at the Society of Health and Physical Educators America National Convention, Seattle, WA.
- Dauenhauer, B., **Krause, J.**, Douglas, S., Smith, M., Babkes Stellino, M., & Carson, R. L. (2015, March). *Introducing an online master's program that integrates physical activity leadership.* In R. L. Carson (Chair). *Integrating CSPAP in PETE programs: Sharing insights and identifying strategies.* Symposium presented at the Society for Health and Physical Educators Annual Conference (SHAPE) America National Conference and Exposition, Seattle, WA.
- Dauenhauer, B., **Krause, J.**, Douglas, S., Smith, M., Babkes Stellino, M., & Carson, R. L. (2015, March). *Establishing a CSPAP research agenda within a new master's program evaluation plan.* In C. Webster (Chair). *First flight of the fledgling: Advancing comprehensive school physical activity program research.* Symposium presented at the Society for Health and Physical Educators Annual Conference (SHAPE) America National Conference and Exposition, Seattle, WA.
- Krause, J.M.**, Smith, M., Dauenhauer, B., & Douglas, S. (2015, January). *Asking those who care: Transforming PETE programs using stakeholder perceptions.* Roundtable presentation at the National Association for Kinesiology in Higher Education Conference, Clearwater, FL.
- Krause, J.M.** & Jones, E. (2014, June). *Preparing 21<sup>st</sup> century physical educators: TPACK in PE teacher education.* Poster presentation at the International Society for Technology in Education Conference, Atlanta, GA.
- Krause, J.M.** (2014, April). *Exergaming implementation beliefs and behaviors among middle school physical educators.* Poster presentation at the Society of Health and Physical Educators America Conference, St. Louis, MO.
- Krause, J.M.** & Bishop, J. (2014, April). *Addressing the unique learning needs of students with ADHD.* Oral presentation at the Society of Health and Physical Educators America Conference, St. Louis, MO.
- Krause, J.M.** (2013, April). *Physical educators' exergaming integration behaviors, attitudes, and self-efficacy beliefs.* Poster presentation at the American Alliance for Health, Physical Education, Recreation, and Dance Conference, Charlotte, NC.
- Krause, J.M.** (2012, October). *Teaching PETE courses in the hybrid environment.* Oral

Presentation at the National Physical Education Teacher Education Conference, Las Vegas, NV.

Schroyer, R., **Krause, J.**, Gano-Overway, L., Boyce, B.A., Whaley, D., Steele, E. (2012, March). *Relationships between sources of competence and perceived motivational climate*. Poster presentation at the American Alliance for Health, Physical Education, Recreation, and Dance Conference, Boston, MA.

**Krause, J.M.** (2011, March). *The impact of student teaching experiences on technology integration self-efficacy*. Oral Presentation at the American Alliance for Health, Physical Education, Recreation and Dance Conference, San Diego, CA.

Kelly, L.E., Taliaferro, A., & **Krause, J.** (2010, March). *The generalization of computer-based assessment training*. Poster Presentation at the American Alliance for Health, Physical Education, Recreation and Dance Conference, Indianapolis, IN.

Block, M.E., Taliaferro, A., **Krause, J.**, & Harris, N.P. (2009, July). *Use of self-efficacy theory to study confidence of general physical educators towards inclusion*. Oral presentation at the National Consortium on Physical Education and Recreation for Individuals with Disabilities, Reston, VA.

### **State Refereed Presentations**

McMullen, J., **Krause, J.M.**, Dauenhauer, B., Ha, T., Adams, V., & Paulson, L. (2021, October). *Five ways to 60 minutes a day Part I!* Oral presentation at the Society for Health and Physical Educators Colorado, Aurora, CO.

McMullen, J., **Krause, J.M.**, Dauenhauer, B., Ha, T., Adams, V., & Paulson, L. (2021, October). *Five ways to 60 minutes a day Part II!* Oral presentation at the Society for Health and Physical Educators Colorado, Aurora, CO.

**Krause, J.M.**, Yonkie, D., Smith, J. & Ziegler, T. (2020, October), *Hire me! A mock interview session*. Oral presentation at the Society for Health and Physical Educators Colorado, Online.

Ha, T., Dauenhauer, B., & **Krause, J.M.** (2020, October). *Punch, kick, and block! Teaching taekwondo in physical education*. Oral presentation at the Society for Health and Physical Educators Colorado, Online.

**Krause, J.M.** & Cox, D. (2019, October). *The camera never lies! Using video for feedback in physical education*. Poster presentation at the Society for Health and Physical Educators Colorado, Aurora, CO.

Ha, T., Dauenhauer, B., & **Krause, J.M.** (2019, October). *Standards-based assessment tools and technologies in physical education*. Poster presentation at the Society for Health and Physical Educators Colorado, Aurora, CO.

**Krause, J.M.**, Fan, X., Ha, T., Hubbard, R., Malanga, J., Scheel, S., Selby, M., & Westra, S. (2019, October). *It's PE appy hour!* Oral presentation at the Society for Health and Physical Educators Colorado, Aurora, CO.

- Krause, J.M.**, McMullen, J., Dauenhauer, B., Douglas, S., Klatt, A., Reliford, J., Ziegler, T., Brownell, H., & Holtcamp, K. (2019, October). *Highly effective cooperating teachers: Tips from the trenches*. Oral presentation at the Society for Health and Physical Educators Colorado, Aurora, CO.
- Krause, J.M.**, (2018, October). *Preservice teachers' technological, pedagogical, and content knowledge and related experiences*. Poster presentation at the Society for Health and Physical Educators Colorado, Aurora, CO.
- Cox, D.G., Fan, X., Brooks, C., & **Krause, J.M.** (2018, October). *Top 10 learning management systems (LMS) components for health and physical educators*. Poster presentation at the Society for Health and Physical Educators Colorado, Aurora, CO.
- Barker, B., Reid, J., Brooks, C., & **Krause, J.M.** (2018, October). *Personalizing instruction with wild wild tech*. Oral presentation at the Society for Health and Physical Educators Colorado, Aurora, CO.
- Dauenhauer, B., Carson, R., **Krause, J.M.**, McMullen, J., Adams, V., Lobato, M., Schroeder, D., & Stetson, N. (2018, October). *Strategies for promoting physical activity within and beyond the school day: Perspectives from master physical activity leaders*. Oral presentation at the Society for Health and Physical Educators Colorado, Aurora, CO.
- Cox, D. & **Krause, J.M.** (2017, October). *Crossing paths: Meeting physical education and technology standards*. Oral presentation at the Society for Health and Physical Educators Colorado, Colorado Springs, CO.
- Krause, J.M.**, Franks, H., Barker, B., & Reid, J. (2017, October). *Collaborative game creation*. Oral presentation at the Society for Health and Physical Educators Colorado, Colorado Springs, CO.
- Franks, H., & **Krause, J.M.**, (2017, October). *Physical education cooperating teachers – It's all about you!* Oral presentation at the Society for Health and Physical Educators Colorado, Colorado Springs, CO.
- Dauenhauer, B., **Krause, J.M.**, Carson, R.L., Douglas, S., & McMullen, J. (2017, October). *Strategies for promoting physical activity in schools*. Oral presentation at the Society for Health and Physical Educators Colorado, Colorado Springs, CO.
- Krause, J.M.**, Franks, H., & McMullen, J. (2016, October). *Flip your gym: Maximizing class time with technology*. Oral presentation at the Society for Health and Physical Educators Colorado, Colorado Springs, CO.
- Franks, H. & **Krause, J.M.** (2016, October). *Utilizing assessment technology in physical education*. Oral presentation at the Society for Health and Physical Educators Colorado, Colorado Springs, CO.
- Krause, J.M.**, Franks, H., Lynch, B., & Milbrath, M. (2015, October). *Enhancing teaching and coaching with apps*. Oral presentation at the Society for Health and Physical Educators Colorado Conference, Westminster, CO.

- Franks, H. & **Krause, J.M.** (2015, October). *Winning with pinning: Pin your ultimate PE vision*. Oral presentation at the Society for Health and Physical Educators Colorado Conference, Westminster, CO.
- Krause, J.M.**, Dauenhauer, B., Douglas, S., & Smith, M. (2014, October). *Using technology to address the Colorado HPE standards*. Presentation at the Colorado Association for Health, Physical Education, Recreation, and Dance Annual Conference, Westminster, CO.
- Krause, J.M.**, Lynch, B., Loveridge, S., Saunders, K., & Rossi, P. (2014, October). *Authentically assessing all domains in physical education*. Presentation at the Colorado Association for Health, Physical Education, Recreation, and Dance Annual Conference, Westminster, CO.
- Douglas, S. & **Krause, J.M.** (2014, October). *Coaching certification programs in adapted sport*. Presentation at the Colorado Association for Health, Physical Education, Recreation, and Dance Annual Conference, Westminster, CO.
- Douglas, S. & **Krause, J.M.** (2013, October). *Adapt With Apps!* Presentation at the Colorado Association for Health, Physical Education, Recreation, and Dance Annual Conference, Denver, CO.
- Krause, J.M.** & Sanchez, Y. (2013, July). *Teaching NASPE standards: There's an app for that!* Presentation at the Texas Association for Health, Physical Education, Recreation, and Dance Summer Conference, San Marcos, TX.
- Krause, J.M.** (2012, December ). *The effects of exergaming on self-efficacy and enjoyment among at-risk Hispanic youth*. Poster presentation at the Texas Association for Health, Physical Education, Recreation, and Dance Convention, Galveston, TX.
- Krause, J.M.** (2011, December). *Reported technology experiences of physical education student teachers*. Poster Presentation at the Texas Association for Health, Physical Education, Recreation, and Dance Convention, Dallas, TX.
- Krause, J.M.** (2011, July). *Considering doctoral study in PETE? Tips for success!* Presentation at the Texas Association for Health, Physical Education, Recreation, and Dance Summer Conference, San Marcos, TX.
- Krause, J.M.**, Sosa, E., & Beidiger-Friedman, L. (2011, July) *Applying, surviving, and thriving on the tenure track*. Presentation at the Texas Association for Health, Physical Education, Recreation, and Dance Summer Conference, San Marcos, TX.
- Krause, J.**, Taliaferro, A., & Domingo, R. (2009, November). *Cooperative games adventure*. Presentation at the Virginia Association for Health, Physical Education, Recreation, and Dance Convention, Virginia Beach, VA.
- Taliaferro, A. & **Krause, J.** (2009, November). *APE on a budget: An arts and crafts approach*. Presentation at the Virginia Association for Health, Physical Education, Recreation, and Dance Convention, Virginia Beach, VA.

#### **Invited Presentations/Guest Lectures (Non-refereed)**

- Krause, J.M.** (2021, October). *Integrating technology into physical education*. Roundtable presentation at the Society for Health and Physical Educators Colorado Convention, Aurora, CO.
- Krause, J.M.** (2020, July). *Using web-based assessment tools in health education*. Invited virtual oral presentation at the North Carolina Society of Health and Physical Educators Summer Workshop Series.
- Krause, J.M.** & Sullivan, K. (2017, October). *Assessing teamwork in the college classroom*. Invited Panel presentation at the Improving Student Learning Workshop. Office of Assessment Faculty Workshop Series, University of Northern Colorado, Greeley, CO.
- Hoffman, S., Jameson, M., Keenan, S., & **Krause, J.M.** (2017, March). *Involving students in assessment*. Invited panel presentation at the Assessment Fair, Office of Assessment, University of Northern Colorado, Greeley, CO.
- Krause, J.M.**, Franks, H., & Lynch, B. (2015, November). *Current technology trends and issues among physical education professionals*. Poster presentation at the Summer Support Initiative Open House, University of Northern Colorado, Greeley, CO.
- Krause, J.M.** & Dauenhauer, B. (2015, June). *Integrating technology in physical education*. Invited oral presentation at the Poudre Valley Schools Professional Development Workshop, Fort Collins, CO.
- Douglas, S. & **Krause, J.M.** (2015, June). *Including students with disabilities in physical education*. Invited oral presentation at the Poudre Valley Schools Professional Development Workshop, Fort Collins, CO.
- Smith, M., **Krause, J.M.**, Dauenhauer, B., & Douglas, S. (2015, March). *Transforming a physical education teacher education program using stakeholder perceptions*. Poster presentation at the Assessment Fair, University of Northern Colorado, Greeley, CO.
- Krause, J.M.** (2015, February). *Using apps in secondary physical education*. Invited oral presentation at the Greeley District 6 Professional Development Workshop, Greeley, CO.
- Krause, J.M.** & Dauenhauer, B. (2015, January). *Technology in physical education*. Invited oral presentation at the Boulder Valley Schools Professional Development Workshop, Louisville, CO.
- Dauenhauer, B. & **Krause, J.M.** (2014, December). *Assessing student learning outcomes in physical education*. Invited oral presentation at the Poudre Valley School District Professional Development Workshop, Fort Collins, CO.
- Dauenhauer, B. & **Krause, J.M.** (2014, August). *Assessing student learning outcomes in health and physical education*. Invited oral presentation at the Eagle County Schools Educator

Academy Professional Development Workshop, Edwards, CO.

**Krause, J.M.** (2014, February). *Improving teaching and learning behaviors through digital systematic observation, analysis, and recording*. Poster presentation at the Teaching and Learning Fair, University of Northern Colorado, Greeley, CO.

Adams, W. & **Krause, J.M.** (2014, February). *Alternative approaches to assessing student learning*. Invited oral presentation to the College of Natural and Health Sciences, University of Northern Colorado, Greeley, CO.

**Krause, J.** (2011-2013). *Teaching physical education as a profession*. Invited presentation to Introduction to Kinesiology, The University of Texas at San Antonio, San Antonio, TX.

**Krause, J.** (2010-2013). *Physical education teacher education*. Invited presentation to Current Trends in Health and Kinesiology. The University of Texas at San Antonio, San Antonio, TX

**Krause, J.** (2009, April). *Integrating technology into physical education*. Invited presentations to Bridgewater College, Bridgewater, VA.

### **Conferences Facilitated**

**Krause, J.M.** & Yonkie, D. (2021, October). *Emerging Leaders Conference*. Society for Health and Physical Educators Colorado, Aurora Colorado. Role: Planner/Facilitator/Host

**Krause, J.M.** & Yonkie, D. (2021, February). *Emerging Leaders Spring Fling Virtual Conference*. Society for Health and Physical Educators Colorado, Online. Role: Planner/Facilitator/Host

### **Community Outreach Presentations**

**Krause, J.M.** & McMullen, J. (2021, April). *Colorado physical education school re-entry recommendations*. Asynchronous course, UNC Active Schools Institute.

McMullen, J. & **Krause, J.M.** (2021, April). *Colorado school physical activity re-entry recommendations*. Asynchronous course, UNC Active Schools Institute.

McMullen, J. & **Krause, J.M.** (2021, April). *Promoting a comprehensive school physical activity program during COVID*. Virtual oral presentation for the Colorado Department of Education, UNC Active Schools Institute.

McMullen, J. & **Krause, J.M.** (2021, February). *Community solutions: Navigating COVID-19 mitigations strategies in physical education*. Virtual oral presentation for the Colorado Department of Education, UNC Active Schools Institute.

McMullen, J. & **Krause, J.M.** (2021, January). *Teaching during the pandemic: Guidance and considerations for Colorado physical education teachers*. Virtual oral presentation for the Colorado Department of Education, UNC Active Schools Institute.

**Krause, J.M.**, Dauenhauer, B., McMullen, J., & Douglas, S. (2021, February). *The power of physical*



*education: Developing healthy, active children.* Oral presentation at the Virtual Future Teacher Conference.

**Krause, J.M.,** Dauenhauer, B., McMullen, J., & Douglas, S. (2020, February). *The power of physical education: Developing healthy, active children.* Oral presentation at the Future Teacher Conference, University of Northern Colorado, Greeley, CO.

Adams, V., **Krause, J.M.,** & McMullen, J. (2019, October). *Tips and tricks for managing classroom physical activity.* Oral presentation at the Weld RE-4 Windsor-Severance School District Professional Learning Day, Windsor, CO.

Douglas, S., **Krause, J.M.,** Franks, H., & Conroy, P. (2016, February). *Interacting with individuals with disabilities.* Oral presentation to the City of Greeley Culture, Parks, and Recreation, Greeley, CO.

**Krause, J.** (2011, January). *Including students with disabilities in general physical education.* EC-20 Professional Development Workshop, San Antonio, TX.

**Wolfe, J.** (2007, August). *Using webquests in your classroom.* Manassas City Public Schools Technology Workshop, Manassas, VA.

## GRANT ACTIVITIES

### **Funded/Pending**

**Krause, J.M.,** Dauenhauer, B., & McMullen, J. (2022-2023). *Improving student health and academic achievement through nutrition, physical activity, and the management of chronic conditions in schools.* Colorado Department of Education. Denver, CO. [\$7,000]. Funded.

**Krause, J.M.** & Dauenhauer, B. (2022-2023). *Increasing connection, retention, and student success in PEPAL.* University of Northern Colorado Improvement Project Grant, Greeley, CO. [\$1,200]. Funded

Dauenhauer, B. (PI), McMullen, J., & **Krause, J.** (Co-I). (2021-2023). *Active Schools strategic partnership: Evidence-based support.* Action for Healthy Kids, Chicago, IL [\$250,000]. Funded.

McMullen, J. (co-PI), **Krause, J.M.** (co-PI). & Dauenhauer, B. (co-PI) (2020-2023). *Comprehensive quality physical education instruction pilot program evaluation.* Colorado Department of Education: Denver, CO. [\$95,000]. Funded.

McMullen, J., **Krause, J.M.,** & Dauenhauer, B. (2021-2022). *Improving student health and academic achievement through nutrition, physical activity, and the management of chronic conditions in schools.* Colorado Department of Education. Denver, CO. [\$50,000]. Funded

McMullen, J. (co-PI) & **Krause, J.M.** (co-PI). (2020-2021). *Development of the Colorado reentry guidelines and associated trainings for physical education and physical activity in schools.* Colorado Department of Education: 1801 Supplemental Funding, Denver, CO. [\$30,000]. Funded

Dauenhauer, B., **Krause, J.M.**, Douglas, S., Smith, M. (2014-2022). *Master of Arts in Teaching Physical Education and Physical Activity Leadership*. Innovation@UNC Project Grant. [\$88,356]. Funded.

**Krause, J.M.**, Dauenhauer, B., & McMullen, J. (2019-2020). *Assessing student learning outcomes in physical education K-12 teaching: A whole-program revision meet new standards and institutional learning outcomes*. University of Northern Colorado Assessment Mini Grant, Greeley, CO. [\$1,500]. Funded.

Carson, R.L. (PI), Dauenhauer, B.D. (Co-PI), McMullen, J., **Krause, J.**, Hodgin, K., Pulling Kuhn, A.C., & von Klinggraeff, L. E. (Contributors); Stewart, L. K., & Lalonde, T. (Consultants). (2018-2020). *Facilitating a data-based, stakeholder-invested healthy schools professional development system*. (ID#9486). The Colorado Health Foundation: Healthy Schools Systems-level Funding, Denver, CO. [\$510,000]. Funded.

Carson, R.L. (PI); Dauenhauer, B. (Co-PI); **Krause, J.**, McMullen, J., & Stellino, M. (Co-I). (2016-2018). *University of Northern Colorado's contribution to statewide systems building for the creation of healthy schools* (ID#7574). The Colorado Health Foundation, Healthy Living: Creating Health Schools, Statewide Systems Building, Denver, CO. [\$700,814]. Funded.

**Krause, J.M.**, (2018). *Examining technology courses in physical education teacher education*. UNC Summer Support Initiative for Research, Scholarship, Creative Works, and Grant Writing. [\$7,678]. Funded.

**Krause, J.M.** (2017). *Faculty and student perspectives of and experiences with TPACK in PETE*. UNC Summer Support Initiative for Research, Scholarship, Creative Works, and Grant Writing. [\$7,816]. Funded.

**Krause, J.M.** (2016). *Educational technology self-efficacy among physical education teacher education faculty*. UNC Summer Support Initiative for Research, Scholarship, Creative Works, and Grant Writing. [\$6,000]. Funded.

**Krause, J.M.** & Dauenhauer, B. (2015). *Instructional and Assessment Technology for Physical Education and Coaching Education*. UNC Information Management & Technology Project, [\$42,853]. Funded.

**Krause, J.M.** (2015). *Current technology trends and issues among physical education professionals*. UNC Summer Support Initiative for Research, Scholarship, Creative Works, and Grant Writing. [\$4,995]. Funded.

**Krause, J.M.** (2015). UNC Provost Award for Travel. [\$1,119]. Funded.

**Krause, J.M.** (2015). UNC Annual Scholarly Activity Travel Support Award. [\$800]. Funded.

**Krause, J.M.** (2015). *Preparing 21<sup>st</sup> Century Educators: TPACK in Physical Education Teacher Education*. Society of Health and Physical Educators America Early Career Investigator Grant. [\$4,372]. Funded.

Bishop, J., **Krause, J.M.**, Baghurst, T., & Ulrich, D. (2013-2015). *Validation of the Perceived Motor Competence Test*. American Alliance for Health, Physical Education, Recreation, and Dance

Research Consortium Early Career Investigator Grant. [\$5,000]. Funded.

Smith, M., **Krause, J.M.**, Douglas, S., & Dauenhauer, B. (2013-2015). UNC Assessment Leadership Institute. [\$2,500]. Funded.

**Krause, J.M.** (2014). *TPACK in PETE*. UNC Summer Support Initiative for Research, Scholarship, Creative Works, and Grant Writing. [\$3,000]. Funded.

**Krause, J.M.** (2014). UNC Annual Scholarly Activity Travel Support Award. [\$800]. Funded.

**Krause, J.M.** (2012). *Physical educators' exergaming integration behaviors, attitudes, and self-efficacy beliefs*. UTSA College of Education and Human Development Faculty Development Grant. [\$2,040]. Funded.

**Krause, J.M.** (2010). *Active gaming clinic with Navarro High School students*. Koehler Foundation. [\$5,000]. Funded.

### **Unfunded**

McMullen, J., **Krause, J.** & Dauenhauer, B. (2020-2023). *Daughters and mothers walking towards resiliency*. The Colorado Health Foundation: Responsive Funding, Denver, CO. (\$680,000). Not funded.

Dauenhauer, B. (PI), McMullen, J., **Krause, J.**, Brittain, D. (Co-I). (2019). *Promoting physical literacy through sustainable university-community partnerships*. The Colorado Health Foundation: Out-of-School-Time Physical Activity, Denver, CO (\$243,741). Not funded.

Dauenhauer, B. (PI); **Krause, J. M.** (Co-PI); Carson, R. L., McMullen, J. (Co-I). (2016). *SPARK HOPES*. Carol M. White Physical Education Program (PEP), U.S. Department of Education. Boys & Girls Clubs of Weld County. (\$900,766 total; \$107,330 sub-contract). Not funded.

**Krause, J.M.**, & Douglas, S. (2014). *Perceptions and Feasibility of Remote Video Observation in Physical Education Teacher Education*. UNC Research, Dissemination, & Faculty Development Program. [\$9,432]. Not funded.

**Krause, J.M.** (2013). *TPACK preparation in Physical Education Teacher Education*. UNC New Project Program Grant. [\$2,401]. Not funded.

**Krause, J.M.** & Yin, Z. (2013). *Let's Bowl*. San Antonio Area Foundation. [\$17,632]. Not funded.

Yin, Z., Parra-Medina, D., He, M., Sosa, E., & **Krause, J.** (2012). *MIRANOS! Look at Us! We are Healthy!* National Institutes of Health: Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents (R01), Funding # PA-11-327. [\$3,681,112]. Not funded.

**Krause, J.M.** (2012). *Exergaming implementation in middle school PE: Teacher beliefs, behaviors, and student engagement*. American Alliance for Health, Physical Education, Recreation, and Dance Research Consortium Early Career Investigator Grant Program. [\$3,160]. Not funded.

- Sosa, E., Friedman, L., & **Krause, J.M.** (2011). *Evaluation of PE3 Curriculum*. Institute of Education Sciences – Collaborative effort between UTSA & PE3 Foundation.
- Krause, J.M.** (2011). *The effects of professional development on middle school physical educators' exergaming implementation beliefs and behaviors*. American Alliance for Health, Physical Education, Recreation, and Dance Research Consortium Early Career Investigator Grant Program. [\$7,425]. Not funded at Phase II.
- Krause, J.M.**, Sosa, E., Cordova, A. & Beidiger-Friedman, L. (2011) *Exergaming among Hispanic youth*. Robert Woods Johnson Foundation[\$144,570]. Not funded.
- Sosa, E., Beidiger-Friedman, L., & **Krause, J.M.** (2011) *Pilot of the iPE3 program*. Aetna Foundation. [\$266,028]. Not funded.
- Sosa, E., Beidiger-Friedman, L., & **Krause, J.M.** (2011) *iPE3*. Humana Foundation. Submitted with PE3 Foundation. [\$100,000]. Not funded.
- Krause, J.M.** (2011) *The effects of active gaming on physical activity levels among at-risk Hispanic Youth*. UTSA College of Education and Human Development Faculty Development Grant. [\$5,327]. Not funded.
- Krause, J.M.** (2010) *Active gaming research clinic*. San Antonio Area Foundation. [\$26,522]. Not funded.
- Sosa, E., Beidiger-Friedman, L., & **Krause, J.M.** (2010). *PE3 foundation course*. Moody Foundation. [\$60,000]. Not funded.

## AWARDS AND HONORS

2021	Scholar Award, Society of Health and Physical Educators America-Central District
2020	Scholar Award, Society of Health and Physical Educators Colorado
2018	Successful Alumnus Award, Health and Physical Education Department, School of Education, Edinboro University of Pennsylvania
2017	University Physical Education Teacher of the Year, Society of Health and Physical Educators Colorado
2013	Department Nominee, President's Distinguished Award for Teaching Excellence, UTSA
2007-2010	Graduate Fellowship, Curry School of Education, University of Virginia
2005	Most Outstanding First Year Teacher, Metz Middle School, Manassas, VA
2001-2003	Dean's List, Edinboro University of Pennsylvania, Edinboro, PA
2002	Violet Baumgardner Scholarship, PSAHPERD

## TEACHING ACTIVITIES

### Formal Courses Taught

#### **University of Northern Colorado**

Fall 2013-present

#### *Undergraduate*

SES 266 Introduction to Physical Education as a Profession

SES 340	Planning and Instructional Design
SES 403	Physical and Health Education for Elementary Teachers
SES 441	Learner Assessment and Physical Education Technology
SES 441	Physical Education Technology (revised course)
SES 443	Teaching and Assessing School Health
EDFE 444	Student Teaching
<i>Graduate</i>	
SES 588	Evaluation of Coaching using Technology
SES 604	Teacher and Coach Action Research
SES 612	Assessment in Sport Pedagogy
SES 614	Analysis of Teaching in Physical Education
SES 695	Seminar in Physical Education
EDFE 555	Student Teaching

### **The University of Texas at San Antonio**

Fall 2010-Summer 2013

#### *Undergraduate*

KIN 3001	Teaching Team Sports I
KIN 4203	Teaching Secondary Physical Education
KIN 4423	Developmental and Adapted Physical Activity
Student Teaching Coordinator/Seminar Delivery	

#### *Graduate*

KAH 5003	Current Trends in Health and Kinesiology
KAH 5243	Learning and Teaching Styles in Physical Education
KAH 6953	Independent Study
- PE Curriculum Development (Meg Timms, Spring 2011)	
- Exergaming among Students with Disabilities (Antonio Mendez, Spring 2011)	
- Effects of Exergaming on Self-Efficacy (Eddie Benavidez, Summer 2012)	

### **Bridgewater College**

Spring 2010

ES 105	Wellness
ES 350	Secondary Methods
ES 370	Tests and Measurements

### **University of Virginia**

Fall 2007-Summer 2010

#### *Undergraduate*

EDHS 350.1	Teaching Team Sports I
EDHS 350.2	Teaching Team Sports II
EDHS 351.2	Teaching Individual Sports II
EDHS 356	Elementary Physical Education Pedagogy (TA)
EDHS 357/9	Supervision of Practicum Students
EDHS 358	Secondary Physical Education Pedagogy (TA)
EDHS 771/2	Supervision of Student Teachers
PHYE 1440	Running for Fitness
PHYE 1430	Cross Training and Conditioning

#### *Graduate*

EDHS 546	Assessment in Kinesiology
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EDHS 548      Qualitative Analysis of Motor Patterns (TA)  
EDHS 588/9    Seminar for Elementary and Secondary Student Teaching

### **List of Students Mentored**

#### **University of Northern Colorado**

Veronica Adams, PE and PA Leadership – Advisor & Doctoral Committee Chair, Fall 2021-present  
Taemin Ha, PE and PA Leadership – Doctoral Committee Member, Spring 2020-present  
Xiaoping Fan, PE and PA Leadership – Doctoral Committee Member, Fall 2019-Fall 2021  
Collin Brooks, PE and PA Leadership – Doctoral Committee Member, Spring 2019-Fall 2020  
Dannon Cox, Sport Pedagogy – Advisor & Doctoral Committee Chair, Fall 2016-Spring 2020  
William Tankovich, Educational Technology – Doctoral Committee Member, Fall 2016-Spring 2019  
Hillary Franks, Sport Pedagogy - Advisor & Doctoral Committee Co-Chair, Spring 2015-Spring 2018  
Brandy Lynch, Sport Pedagogy - Doctoral Committee Member, Summer 2015-Spring 2017  
LeAnn Kesselring, Sport Pedagogy –Doctoral Committee Member, Spring 2015-Spring 2017  
Guntima Neamphoka, Sport Pedagogy –Doctoral Committee Member, Fall 2014-Spring 2015  
Udon Nampai, Sport Pedagogy –Doctoral Committee Co-Chair, Fall 2013-Fall 2015  
Kevin Shephard, Sport Pedagogy –Doctoral Committee Member, Fall 2013

#### **The University of Texas at San Antonio**

Yvonne Sanchez – Graduate Assistant, Fall 2012-2013  
Rhea Lobo – Freshman Roadrunner Connections Mentee, Fall 2012-2013  
Ana Pacheco – Internship Student, Spring 2012  
Christopher Salfiti – Graduate Assistant, Fall 2011-Spring 2012  
Marisela Ramirez – Graduate Assistant, Fall 2010-Spring 2011

## **SERVICE ACTIVITIES**

### **College and University Service**

#### **University of Northern Colorado**

2014-present    Coordinator: B.S. & Post-Baccalaureate Physical Education K-12 Programs  
2021              Faculty Review Leadership: School of Sport and Exercise Science  
2013-2020      Member: Professional Education Council  
2019              Panelist: First Generation Students Orientation  
2013-2018      Website Coordinator: School of Sport and Exercise Science  
2016-2017      Faculty Mentor, Martha Levine  
2015-2017      Coordinator: M.S. Sport Pedagogy Program  
2015-2016      Chair: Sport Pedagogy Faculty Search Committee  
2014-2015      Member: Sport Pedagogy Faculty Search Committee  
2013-2016      Faculty Advisor: Physical Education Club

#### **The University of Texas at San Antonio**

##### *University-Level*

2012-2013      Faculty Mentor to Freshmen: Roadrunner Connections  
2011-2013      Member: Continuing Education Committee  
2011-2012      Member: Learning Management System Advisory Committee

##### *College-Level*

2013-2013      Member: Dean's Advisory Council

2011-2013 Member: Haven for Hope Committee  
 2010-2013 Member: Student Appeals Committee  
 2011-2012 Member: College Council of the College of Education and Human Development  
 2011-2012 Member: Awards Ad Hoc Committee  
 2011-2012 Chair: Faculty Forum Ad Hoc Committee  
 2011-2012 Member: Academic Policy and Curriculum Committee

#### *Department-Level*

2013 Secretary: Department of Health and Kinesiology  
 2012-2013 Coordinator: Physical Education Student Teaching  
 2012-2013 Member: Strategic Planning Committee  
 2011-2013 Member: Academic Policy and Curriculum Committee  
 2011-2012 Chair: Academic Policy and Curriculum Committee  
 2010-2011 Chair: Department Computer Technology Ad Hoc Review Committee

### **Professional Service Activities**

#### *Community-Level*

2021-present Member, Windsor Charter Academy Education Committee  
 2019-present Member, Weld RE-4 School District Wellness Committee  
 2019 Presenter, Weld RE-4 School District Professional Learning Day  
 2017-2019 Presenter, Poudre School District Student Wellness Summit  
 2018-2019 Standing Member, Poudre School District Wellness Advisory Council for Schools, CO  
 2016-2017 Attendee, Poudre School District Wellness Advisory Council for Schools, CO  
 2016 Presenter, City of Greeley, CO  
 2015 Presenter, Boulder Valley School District, CO  
 2015 Presenter, Poudre School District, CO  
 2015 Presenter, Greeley District 6, CO  
 2014 Presenter, Eagle County Schools Educator Academy, CO  
 2011-2013 NEISD APE Student-Teacher Service Partnership, San Antonio, TX  
 2010-2013 Special Olympics of Texas Student Service Partnership, San Antonio, TX  
 2010-2013 Kinetic Kids Texas Student Service Partnership, San Antonio, TX  
 2012 Exergaming Lab Project with Navarro High School Students, San Antonio, TX  
 2009-2010 Physical Activity Consultant, Head Start Body Start, Gordonsville, VA  
 2004-2007 Member: School Technology Committee, Metz Middle School  
 2004-2007 Member: School Wellness Committee, Metz Middle School  
 2004-2007 Pre-K Religious Educator, Manassas, VA

#### *Scholarly-Level*

2022 Guest Co-Editor (with Armstrong, T., Jenny, S.E.): Special Feature on Health and physical educators' roles in promoting and implementing the WSCC model. *Journal of Physical Education, Recreation, and Dance*. (in press)  
 2022-present Editorial Board Member: *International Journal of Kinesiology in Higher Education*  
 2021-present Reviewer: *Research Quarterly for Exercise and Sport*  
 2021-present Reviewer: *Quest*  
 2021-present Reviewer: *International Journal of Kinesiology in Higher Education*  
 2021-present Reviewer: *International Journal of Information and Education Technology*  
 2021-present Reviewer: *Games for Health Journal*  
 2020-present Editor: SHAPE Colorado Journal  
 2019-present Member: SHAPE Colorado Board  
 2019-present Co-Chair, Developing Leaders Committee, SHAPE CO Board

2021 External Reviewer: University of North Carolina Wilmington Tenure and Promotion  
 2021 Reviewer: AIESEP Conference Proposals  
 2020 Reviewer: Routledge Book Proposal  
 2017-2020 Member: *Strategies* Editorial Board  
 2019 External Reviewer: Indiana University Tenure and Promotion  
 2018 Presider: SHAPE America Convention, Nashville, TN  
 2018-present Reviewer: SHAPE America Graduate Research Grant Program  
 2017-present Reviewer: SHAPE America Convention Abstracts  
 2017-present Reviewer: *Teaching and Teacher Education*  
 2017-present Reviewer: *The Journal of Teaching in Physical Education*  
 2015-present Member: NAKHE Technology Committee  
 2015-present Reviewer: *Perceptual and Motor Skills*  
 2015 Member: PETE/HETE Conference Committee  
 2014-present Reviewer: *The Journal of Physical Education, Recreation, and Dance*  
 2014-present Reviewer: *The Physical Educator*  
 2013 Chair: TAHPERD Instructional Technology Section Committee  
 2012 Chair-Elect: TAHPERD Technology Section Committee  
 2012 Proposal Reviewer: 2013 AAHPERD National Convention, Pedagogy Division  
 2002 Presider: PSAHPERD Conference, Seven Springs, PA

### PROFESSIONAL AFFILIATIONS

2016-present International Association for Physical Education in Higher Education (AIESEP)  
 2015-present American Association of Colleges for Teacher Education (AACTE)  
 2015-present National Association for Kinesiology in Higher Education (NAKHE)  
 2014-present International Society for Technology in Education (ISTE)  
 2013-present Society of Health and Physical Educators Colorado (SHAPE CO)/Colorado  
 Association for Health, Physical Education, Recreation, and Dance (COAPHERD)  
 2010-present Society for Health and Physical Educators (SHAPE) America / American Alliance for  
 Health, Physical Education, Recreation, and Dance (AAHPERD)  
 2010-2014 Texas Association for Health, Physical Education, Recreation, and Dance (TAHPERD)  
 2010-2014 National Association for Sport and Physical Education  
 2010-2014 American Association for Physical Activity and Recreation  
 2010-2014 AAHPERD Research Consortium  
 2005-2007 Virginia Society for Technology in Education  
 2004-2007 Virginia Association for Health, Physical Education, Recreation, and Dance  
 (VAHPERD)  
 2004-2007 Virginia Education Association & Manassas Education Association  
 2000-2004 Pennsylvania State Association for Health, Physical Education, Recreation, and  
 Dance (PSAHPERD)

### CERTIFICATIONS

Virginia Teaching License – Health & Physical Education, PK-12 (2004-present)  
 Pennsylvania Teaching License – Health & Physical Education, K-12 (2003-2009)  
 American Red Cross CPR, AED, First Aid