

Fan Zhang, Ph.D.

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EDUCATION

2025	Ph.D.	University of Kentucky Dept. of Kinesiology & Health Promotion
	Certificate	Research Methods in Education Graduate Certificate
2021	M.S.	University of North Carolina - Greensboro Kinesiology
2007	M.Ed.	Shanghai University of Sport, China Physical Education & Sports Training
2005	B. Ed.	Henan University, China. Physical Education

PROFESSIONAL APPOINTMENTS

Current	Assistant professor	Department of Kinesiology Arkansas State University
2025-26	Research Assistant Professor	Arizona State University
2024-25	Research Assistant	Research and Evaluation Center University of Kentucky – Lexington
2021-24	Teaching Assistant	Department of Kinesiology & Health Promotion Department of Educational Policy Studies & Evaluation University of Kentucky - Lexington
2019-21	Teaching Assistant Research Assistant	Department of Kinesiology University of North Carolina – Greensboro
2015-19	Division Head	Teaching-Research Division for Invasion and Net Games Xinxiang University, China
2010-19	Assistant Professor	College of Kinesiology Xinxiang University, China
2007-10	Lecturer	College of Kinesiology Xinxiang University, China

RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITIES

SELECTED ARTICLES

1. Sun, Z. & **Zhang, F.** (2026). Construction And Validation of The Indicator System for Factors Influencing Pre-Match Tactical Decision-Making of Volleyball Coaches. *Front. Psychol.* doi.org/10.3389/fpsyg.2026.1804440

2. Sun, Z. & **Zhang, F.** (2026). Constructing an Indicator System for Factors Influencing Volleyball Coaches' In-Game Tactical Decision-Making: A Delphi Study. *Front. Psychol.* 16:1721316. doi.org/10.3389/fpsyg.2025.1721316
3. **Zhang, F.**, Erwin, H., & Beighle, A. (2024). Measurement Instruments When Comparing Academic Performance and Physical Activity: A Comprehensive Systematic Review. *Journal of School Health*. DOI:10.1111/josh.13521
4. Shen, Y., Dyson, B., Baek, S., G., & **Zhang, F.** (2024). Social and Emotional Learning Through a Community Sports-based Youth Development Program Grounded in A Hybrid Models-based Practice. *Journal of Teaching in Physical Education*
5. **Zhang, F.**, Manley, J., Mulhearn, S., Kulinna, P.H., & Erwin, H. (2023). Using technology to understand students' optimal challenges and promote intrinsic motivation in physical education. *Journal of Physical Education, Recreation and Dance*, 94(7), 30-34

(previous publications were not in international English-language journals)

SELECTED PRESENTATIONS

1. **Zhang, F.**, Erwin, H., Beighle, A. & Kulinna, P. H. (2026). Perceived Challenge and Psychological Needs Across Activity Types: Impacts on Students' Motivation and Effort. [Accepted] *Society of Health and Physical Education America Convention*, Kansas City, MO, USA.
2. **Zhang, F.**, Erwin, H., Beighle, A. & Kulinna, P. H. (2025). Perceived Challenges and Intrinsic Motivation in PE: A Gender Analysis. [Oral Presentation Session] *Society of Health and Physical Education America Convention*, Baltimore, MD, USA.
3. **Zhang, F.**, Erwin, H., Kulinna, P. H. & Beighle, A. (2025). Intrinsic Motivation and Physical Activity in Adolescents: Associations and Predictors. *Society of Health and Physical Education America Convention*, Baltimore, MD, USA.
4. **Zhang, F.** & Erwin, H. (2025). *The Role of Perceived Challenge and Psychological Needs in Shaping Intrinsic Motivation Toward Physical Activity: Examining Gender Differences*. [Oral Presentation Session] The 2025 Spring Research Convention. Lexington, KY.
5. **Zhang, F.** & Erwin, H. (2025). *Understanding Intrinsic Motivation: Associations with Physical Activity Levels and Key Predictors in Youth*. The 2025 Spring Research Convention. Lexington, KY.
6. **Zhang, F.** & Erwin, H. (2024). Challenge, Competence, and Value: Motivation Drivers in Youth Physical Activity. *American School Health Association Conference*, Pittsburgh, PA, USA.
7. **Zhang, F.**, Erwin, H. & Xia, Y. (2024). Validating Intrinsic Motivation Inventory: Rasch Model Analysis in Physical Education. *American School Health Association Conference*, Pittsburgh, PA, USA.
8. **Zhang, F.** & Erwin, H. (2024). *Challenge, Competence, and Value: Motivation Drivers in Youth Physical Activity*. [Oral Presentation] The 2024 Spring Research Convention. Louisville, KY.
9. Shen, Y., Dyson, B., Howley, D., Seunghyun, B., Yongjin, L. & **Zhang, F.** (2024). *Impact of a Sports-based youth Development Program on Students' Psychomotor Development: A Mixed-Method Examination*. The 2024 AERA Annual Meeting. Philadelphia, PA
10. Sen, G., Beighle, A., **Zhang, F.** & Erwin, H. (2024). *Enhancing Physical Education Through International Perspectives*. The 2024 SHAPE America National Convention & Expo. Cleveland, OH.

11. **Zhang, F.** & Erwin, H. (2023). *Academic Performance Measuring Instruments in Physical Education: A Systematic Review*. [Oral Presentation Session] The 2023 SHAPE America National Convention & Expo. Seattle, WA.
12. **Zhang, F.** & Erwin, H. (2023). *Academic Performance Measuring Instruments in Physical Education: A Systematic Review*. [Oral Presentation Session] The 2023 Spring Research Convention. Cincinnati, OH.
13. **Zhang, F.** & Erwin, H. (2022). *The Application of Ecological Theory in Behavior change: A Systematic Literature Review*. The 2022 SHAPE America National Convention & Expo. New Orleans, LA.
14. **Zhang, F.** & Yan, Z. (2013). *Recreational Physical Activities Provided by the American Community for Pupils --- Compared with Haidian District*. [Oral Presentation Session] The 1st K-12 Education International Conference. Beijing, China.
15. Yan, Z. & **Zhang, F.** (2013). *Health Education and Healthy Diet and Nutrition in Four American Schools*. [Oral Presentation Session] The 1st K-12 Education International Conference. Beijing, China.
16. **Zhang, F.** & Fu, Q. M. (2007). *The Analysis and research of The Chinese Guards' Defensive Ability in 15th World Men's Basketball Championship*. [Paper Session] The 8th National Sports Science Conference. Beijing, China.

TEACHING EXPERIENCES

University Teaching Experiences

University of Kentucky (2021-2024), Lexington, KY (Primary Instructor)

Primary Instructor

KHP 100/112/118/122 Various fitness and activity courses

Teaching Assistant

EPE 660 Research Design and Analysis in Education

KHP 263 Curriculum Design and Developmental Sports Skills in Elem. School

KHP 344 Physical education in Secondary School

KHP 579 Adapted Physical Education

Xinxiang University (2007-2019), China

Primary Instructor

Taught various courses in PETE and Recreational Sport programs, and other various fitness and activity courses

K-12 Teaching Experience

University of North Carolina at Greensboro (2019-2021), Greensboro, NC

KIN 217 Physical Education Course for Middle college

Beijing 8th Secondary School (2012), China

Physical Education Course (Introduce Sport Education Model to China)

Shanghai Shibei Secondary School (2006-2007), China

Health & Physical Education Course

FELLOWSHIP, HONORS, AWARDS, AND FUNDINGS

University of Kentucky

- 2025 KHP Research Award, University of Kentucky (\$ 550)
2024 Arvle and Ellen Turner Thacker Research Fund, University of Kentucky (\$ 1,000)
2024 Research Activity Fund, College of Education, University of Kentucky (\$ 650)
2024 KHP Research Award, University of Kentucky (\$ 550)
2023 John Edwin Partington and Gwendolyn Gray Partington Scholarship
University of Kentucky (\$ 1,000)
2023 Graduate Student Congress Award, University of Kentucky (\$ 500)
2023 KHP Research Award, University of Kentucky (\$ 550)
2022 KHP Research Award, University of Kentucky (\$ 550)

Xinxiang University

- 2017/16/10 Faculty of Excellence, Xinxiang University
2017/16 High-Qualify Faculty, Xinxiang University
2016 Organizer of Excellence, Xinxiang University
2015/11/10 Excellence in Assessment of Teaching, Xinxiang University

China Basketball Association

- 2015 Excellent Coach, "China Basketball Association" Basketball 3vs3 Open Games
2015 Excellent Organizer, "China Basketball Association" Basketball 3vs3 Open Games

REVIEWER EXPERIENCE FOR JOURNAL

Journal Title	Position
Journal of Teaching in Physical Education	Reviewer
European Physical Education Review	Reviewer
Frontiers in Psychology	Reviewer