**Mengyi Wei**

Arizona State University

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**Academic Experience**

2022/10-Present **Postdoctoral Research Fellow**

Arizona State University

College of Health Solutions

Mary Lou Fulton Teachers College

Mentors: Pamela Kulinna, Alison Poulos

**Education**

2017-2022 **Doctor of Philosophy**

University of Illinois, Urbana, IL

Concentration: Kinesiology-Pedagogy

Advisor: Dr. Kim C. Graber

2017 **Master of Science**

University of Michigan, Ann Arbor, MI

Concentration: Physical education & Cognitive function

Advisor: Dr. Weiyun Chen

2014 **Bachelor of Science**

Beijing Normal University, Beijing, China

Concentration: Physical education & Athlete training

**Research Interest**

* Gaining a deeper understanding of risk behaviors among children in physical activity settings
* Developing intervention strategies based on pedagogical models and approaches, aimed at promoting children's social and emotional learning, and preventing risky behavior in physical activity settings
* Developing intervention strategies to equip pre-and in-service teachers with better classroom management skills and abilities to deliver quality physical education

**Research Experience**

2022/10-present **Postdoctoral Research Fellow/Project manager**

* Involved project (NCT05 470621): Learning after hours: Taking social and emotional learning beyond the classroom with physical activity.
* Curriculum (i.e., physical activity interventions) development
* Data collection and management: REDCap
* Data analysis: SPSS
* Scientific/academic writing

2022 **Graduate Research Assistant**

Department of Kinesiology and Community Health

University of Illinois at Urbana-Champaign

Exercise, Technology, and Cognition Lab

* Involved project (on-going): A randomized controlled trial designed to test the effectiveness of a multi-modal cognitive training intervention to increase physical activity engagement among 35–64-year-old adults
* Data process and analysis: Mplus
* Scientific/academic writing

2017-2023 **Graduate Research Assistant**

Department of Kinesiology and Community Health

University of Illinois at Urbana-Champaign

Pedagogy Lab

* Relevant experiences in clinical trials
  + Participant recruitment
  + Interviews data collection with school-age children and physical education teachers
  + Observational data collection, including SOFIT, TARE, field notes in physical education classes and summer camps
  + Surveys and questionnaires administration and distribution
  + Data coding and analysis: SPSS, NVivo
  + Scientific/academic writing

2015-2017 **Graduate Research Assistant**

Department of Kinesiology

University of Michigan at Ann Arbor

Physical Activity and Health Lab

* Involved project: effects of an acute physical activity intervention on children’s attention concentration
  + Literature review
  + Data coding and analysis: D2-test of attention

**Published Manuscripts**

6. **Wei, M.,** & Graber, K. C. (2023). Bullying and Physical Education: A Scoping Review. *Kinesiology Review.* *12*(3), 217-234.

5. **Wei, M.,** Richards, K. A. R. Khan, N., Woods, M, A., Espelage, D. L., & Graber, K. C. (2023). Influence of a Summer Wellness Program on Bullying Reduction Among School-Age Children. *Journal of Teaching in Physical Education.* Advance online publication. [https://doi.org/10.1123/jtpe.2022-0111](https://urldefense.com/v3/__https:/doi.org/10.1123/jtpe.2022-0111__;!!DZ3fjg!7xKQCkuj9X1wSnzOJ91vWHFJLq5c40A0zcMGwWsrOg2THw7i6Suk6st3kKhiKErQQZo3xShdDd6tTQrTQdKUdA$).

4. Richards, K. A. R.,Woods, A. M., **Wei, M.,** & Kim, J. (2021).Workplace Experiences of Physical Educators with and without National Board Certification. *European Physical Education Review,* 1356336X211050920.

3. Zhu, W., Li, H., Chen, Z., **Wei, M.,** Ju, L., & Zhu, J. (2020). *Exercise against coronavirus*. Beijing, China: People’s Sports Press.

2. Zhang, Z., He, Z., **Wei, M.,** Thomas, D., Callaghan, B., & Chen, W. (2019). The acute effects of a 25-min afternoon physical activity class on attentional performance in Chinese elementary school children. *International Journal of Sport Psychology*, *50*(1), 26-37

1. Graber, K. C., Woods, A. M., Kinder, C., Shelley, S. A., & **Wei, M.** (2018). Secondary physical education in the United States. In S. Popovic, B. Antala, D. Bjelica, & J. Gardasevic (Eds.), *Physical education in secondary school: Researches – best practices – situation.* (pp. 303-313). Montenegro: Montenegrin Sports Academy and FIEP.

**Manuscripts In Revision**

* + - * 1. **Wei, M.,** & Graber, K. C. In-service physical education teachers’ perceptions and strategies about handling bullying. *Research Quarterly for Exercise and Sport.*

**Manuscripts Under Review**

2. Poulos, A., **Wei, M.,** Schulke, M., Wilson, K., Hodges Kulinna, P. Potential implementation strategies to facilitate recess in elementary schools. *Social Science & Medicine.*

1. Wilson, K.\*, Schulke, M.\*, Poulos, A. & **Wei, M.** Exploring the relationship between physical activity, sedentary behavior, body image, and bully victimization in adolescence: A cross sectional study. *Health Education Research.*

**Manuscripts In Preparation**

**1. Wei, M.,** Kulinna, P. H. & Poulos, A. Student’s willingness to intervene in bullying in after-school programs.

**Published Abstracts**

6. **Wei, M.,** & Graber, K. C. (2022). What is known about bullying and physical education? A scoping review. *Research Quarterly for Exercise and Sport*, 93(S1), A110-111.

5. Jeongkyu, K., **Wei, M.,** Woods, M, A., & Richards, K. A. R. (2022). Workplace Experiences of Physical Educators with and without National Board Certification*.**Research Quarterly for Exercise and Sport*, 93(S1), A111-112.

4. **Wei, M.,** & Graber, K. C. (2021). Influence of a summer wellness program on bullying reduction among school-age children. *Research Quarterly for Exercise and Sport*, *92*(S1), A107-108.

3. Gawrisch, D. P., Kinder, C. J., Ison, S. E., Kim, J., **Wei, M.,** Killian, C. M., & Richards, K. A. R. (2020). National board-certified elementary physical education teachers’ technology use. *Research Quarterly for Exercise and Sport, 91*(S1),A126-127.

* + 1. **Wei, M.,** & Graber, K. C. (2019). Association between bullying victimization and physical education attendance among high school students in the United States*.* *Research Quarterly for Exercise and Sport, 90*, A148.

1. Zhang, Z., He, Z., **Wei, M.,** Chen, M., & Chen, W. (2018). The acute effects of a 25-min afternoon physical activity class on attentional performance in Chinese elementary school children. *Research Quarterly for Exercise and Sport, 89*, A84-A85.

**Presentations** (Not listed under Published Abstracts)

9. Min, H., **Wei, M.,** Kulinna, P. H., Poulos, A., & Albaloul, O. (2024). Staff perception of the implementation of an after-school playground curriculum intervention. Abstract submitted for consideration for the annual conference, Society of Health and Physical Educators (SHAPE) America, Cleveland, OH. (Submitted).

8. **Wei, M.,** Schulke, K., Kulinna, P. H. & Poulos, A., (2024). Student’s willingness to intervene in bullying in after-school programs. Abstract submitted for consideration for the annual conference, Society of Health and Physical Educators (SHAPE) America, Cleveland, OH. (Submitted).

7. **Wei, M.,** &Graber, K. C. (2023, October). *Bullying in physical education: An investigation of teachers’ intervention strategies.* Poster presented at the 2023 World Anti-Bullying Forum, North Carolina, USA. (In Press).

6. Poulos, A., Kulinna, P., **Wei, M.,** Wilson, K.\*, Schulke, M.\*, Nam, K.\* (June 2023). *Potential implementation strategies to facilitate recess in elementary schools*. Annual Meeting of the International Society of Behavioral Nutrition and Physical Activity, Uppsala, SE.

5. **Wei, M.,** Woods, A. M., & Graber, K. C.  (2023, January). *Reducing bullying through pedagogical model-driven physical activities.* Poster presented at the annual meeting of the Féderation Internationale d'Education Physique (FIEP), Iguazu Falls, Brazil.

4. **Wei, M.,** & Graber, K. C. (2022, February*). Understanding bullying in an out-of-school physical activity program: A qualitative study*. Presentation at the Health & Physical Literacy Summit, Birmingham, AL.

3. **Wei, M.** (2021, February).Graduate student research talks at Research on Learning & Instruction in Physical Education SIG 93 meeting.

1. **Wei, M.,** Graber, K. C., Richards, K. A. R., & Khan, N. (2020, November). *IPALS: Influence of a TPSR-based children’s wellness program on bullying reduction.* Presentation at the annual meeting of the Illinois Association for Health, Physical Education, Recreation & Dance, online conference.

1. **Wei, M.,** & Graber, K. C.(2020, February). *The impact of bullying on physical activity among children: A systematic review*. Presentation at the Health & Physical Literacy Summit, Birmingham, AL.

**External Grant Successfully Funded**

* + 1. **Wei. M.,** Graber, K. C. In-service physical education teachers’ perceptions and

strategies about handling bullying (2022). Illinois Association for Health, Physical Education,

Recreation and Dance. $5,000 (Co-PI)

2. **Wei, M.,** Graber, K. C., Richards, K. A., & Khan, N. A. *Influence of a summer wellness program on bullying reduction among school-age children* (2019). Illinois Association for Health, Physical Education, Recreation and Dance. $5,000 (Co-PI)

**Journal Reviewing**

2022 Peer Reviewer, Research Quarterly for Exercise and Sport

**Teaching and Mentoring Experience**

2017-2022 **Graduate Teaching Assistant**

Department of Kinesiology and Community Health

University of Illinois at Urbana-Champaign

* KIN 460 Technology and Pedagogical Kinesiology, Co-Lead Instructor (Spring and Fall, 2018)
* KIN 460 Technology and Pedagogical Kinesiology, Lead Instructor (Spring 2019-Present)
* KIN 268: Children’s Movement, Lab Instructor (Spring 2018-Present
* KIN 103: Indoor Court Activity (Badminton), Lead Instructor (Spiring 2018-2021 Spring)
* KIN 142 Contemporary Issues in Sports, Online Grader (Spring and Fall, 2017)
* KIN 122 Physical Activity and Health, Online Grader (Spring 2021-2022 Fall)

2019-2022 **Undergraduate Research Assistant Mentor**

Department of Kinesiology and Community Health

University of Illinois at Urbana-Champaign

* KIN385 Experiences in Kinesiology Research, Undergraduate
* International Graduate Mentors Program, Chinese graduate visiting scholar Mentor, (Spring and Fall, 2019)

2016 Summer **Summer Teaching Assistant**

Department of Physical education

Shanghai Normal University

2013-2014  **Intern-physical education**

Beijing No.8 High School

**Proficiency in Software**

**Data Management** **Data Analysis**

**REDCap:** advanced **SPSS:** advanced

**Qualtrics:** advanced **Mplus:** intermediate

**NVivo:** advanced

**MAXQDA:** advanced

**Honors and Awards**

**Teaching**

2019-2021 Teachers Ranked Excellent

**Academia**

2021 Robert L. Sprague Graduate Student Award Fund

2019-2021 Department of Kinesiology and Community Health Conference Travel

Award

2012-2014 First prize scholarship of Beijing Normal University

2013 First grade in the 21th “Jingshi Cup” Extra-curricular Academic Works Award

**Sports**

2013 1 Gold Medal National Promotional Activities of Aerobics

2012 1 Gold Medal in the 33th Gymnastics and Rhythmic Gymnastics Competition for College students

2010 2 Gold Medals in China National Youth Aerobic Gymnastic Championship

2009 1 Gold Medal in National Youth Aerobic Gymnastic Championship (High School group)

**Professional Service**

Professional Memberships

American College of Sport Medicine (ACSM)

Society of Health and Physical Educators (SHAPE) America