

## **Weiyun Chen, Ph. D., Associate Professor**

**School of Kinesiology**  
**University of Michigan**  
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### **ACADEMIC DEGREES**

- |           |  |
|-----------|--|
| 1980-1984 | Beijing Sports University<br>Bachelor of Pedagogy                        |
| 1984-1987 | Beijing Sports University<br>Master of Pedagogy                          |
| 1993-1997 | University of Alabama, Tuscaloosa<br>Doctor of Philosophy in Kinesiology |

### **EMPLOYMENT**

- |              |  |
|--------------|--|
| 2005-Present | Associate Professor: School of Kinesiology, University of Michigan                       |
| 2003- 2005   | Assistant Professor: Division of Kinesiology, University of Michigan                     |
| 1997- 2003   | Assistant Professor: Department of Kinesiology, College of Education, Temple University. |
| 1993- 1997   | Instructor: Human Performance Department, University of Alabama                          |
| 1987- 1992   | Lecturer and Editor: Beijing Teachers College of Physical Education                      |

### **PROFESSIONAL MEMBERSHIPS**

1. SHAPE America
2. American Education Research Association (AERA)
3. American College of Sports Medicine (ACSM)

### **HONORS, AWARDS, and FELLOWSHIPS**

4. Excellent Student Award of the Year, 1980-1981 at Beijing Sport University.
5. Excellent Student Award of the Year, 1981-1982 at Beijing Sport University.
6. Excellent Student Award of the Year, 1982-1983 at Beijing Sport University.
7. Outstanding Student Graduate Award, 1984 at Beijing Sport University.
8. A Summer Research Fellowship for 1998 (announced on February 25, 1998) at Temple University.
9. Dissertation Award: Honorable mention from College of Education, the University of Alabama, October 26, 1998.
10. Research Merit Award at Temple University, 1998-1999.

11. Research Merit Award at Temple Univeristy, 1999-2000.
12. Research Merit Award at Temple Univeristy, 2000-2001.
13. Research Merit Award at Temple University, 2001-2002.
14. Fellow of Research Consortium, SHAPE America (2000-present)
15. Zijiang Scholar of East China Normal University (2014-2017)

## SCHOLARSHIP

### News for Research

1. In 2017, Chen featured in Michigan News, CNBC, and several other news articles about her research on how Body Mass Index and positive outlook affect the physical and mental health of college students. Read more at the following links.  
[myumi.ch/6vZqW](http://myumi.ch/6vZqW).

[http://www.chinadaily.com.cn/china/2017-11/08/content\\_34268239.htm](http://www.chinadaily.com.cn/china/2017-11/08/content_34268239.htm)

<https://www.cnbc.com/2017/11/14/the-healthiest-college-students-stay-on-top-of-these-2-things.html>

[http://news.xinhuanet.com/english/2017-11/08/c\\_136735249.htm](http://news.xinhuanet.com/english/2017-11/08/c_136735249.htm)

<https://www.ndtv.com/education/happiness-optimism-key-to-healthy-college-life-study-1772812>

<https://economictimes.indiatimes.com/news/science/raise-your-spirits-to-attain-good-health/articleshow/61568641.cms>

[http://www.worldjournal.com/5277037/article-%E3%80%8C%E5%B9%B8%E7%A6%8F%E6%84%9F%E3%80%8D-%E5%BD%B1%E9%9F%BF%E4%B8%AD%E5%9C%8B%E5%A4%A7%E5%AD%B8%E7%94%9F%E8%BA%AB%E5%BF%83%E5%81%A5%E5%BA%B7/?ref=%E8%8A%9D%E5%8A%A0%E5%93%A5\\_%E6%96%B0%E8%81%9E%E7%B8%BD%E8%A6%BD](http://www.worldjournal.com/5277037/article-%E3%80%8C%E5%B9%B8%E7%A6%8F%E6%84%9F%E3%80%8D-%E5%BD%B1%E9%9F%BF%E4%B8%AD%E5%9C%8B%E5%A4%A7%E5%AD%B8%E7%94%9F%E8%BA%AB%E5%BF%83%E5%81%A5%E5%BA%B7/?ref=%E8%8A%9D%E5%8A%A0%E5%93%A5_%E6%96%B0%E8%81%9E%E7%B8%BD%E8%A6%BD)

2. In 2018, Weiyun Chen and her doctoral students, Zhanjia Zhang featured in New York Times, News Week, Michigan News, University Records News, Science Daily and ACSM in the News several other news articles about how physical activity makes you happier in various populations.

<https://mail.google.com/mail/u/0/#inbox/16340fcc4af66c94>

<https://www.nytimes.com/2018/05/02/well/move/even-a-little-exercise-might-make-us-happier.html?rref=collection%2Fsectioncollection%2Fhealth>

<http://www.newsweek.com/minutes-exercise-boost-happiness-depression-anxiety-fitness-overweight-873006>

<http://record.umich.edu/articles/study-suggests-people-should-get-moving-get-happier>

<https://www.sciencedaily.com/releases/2018/04/180404163635.htm>

<http://ns.umich.edu/new/releases/25551-study-get-moving-to-get-happier>

<https://www.tun.com/blog/can-exercise-make-you-happier/>

<http://thejakartapost.com/life/2018/04/09/could-exercising-make-you-happier.html>

<https://www.bgracebullock.com/single-post/2018/04/05/Exercise-makes-you-happier-study-finds>

<https://www.weightlossresources.co.uk/exercise/motivation/move-more-get-happy.htm>

[http://www.healthnewsdigest.com/news/Exercise\\_480/Get-Moving-to-Get-Happier.shtml](http://www.healthnewsdigest.com/news/Exercise_480/Get-Moving-to-Get-Happier.shtml)

<http://www.chinaqw.com/hqhr/2018/05-02/188111.shtml>

## Book and Book Chapter

**Chen, W.**, Zhu, Q., Chi, J. (2009). *Multifacets of American Collegiate Athletic Competition*, Beijing, People's Physical Education and Sports Publisher.

**Chen, W.** (2016). Teaching Games for Understanding Approach: An Innovative Curriculum Model (pp. 215-226). In D. Cothran and X. Keating (Eds.), *Learning for a lifetime: Effective Secondary Physical Education Programs*. Beijing, Higher Education Press.

**Chen, W.** (2007). Interdisciplinary teaching: integration of physical education skills and concepts with mathematical skills and concepts. In L. B. Yurichenko (Ed.), *Teaching and Teacher Issues* (pp. 101-120). New York, Nova Science Publishers.

## Publications

1. Buchele, H., & **Chen, W.** (2018) Impact of Technology-Enhanced Classroom Activity Breaks on Daily Real Time Physical Activity and Aerobic Fitness in School-Aged Children. *Journal of Clinical Medicine*, 7, 165.  
doi:10.3390/jcm7070165
2. Zhang, Z., Zhang, B., Cao, C., & **Chen, W.** (2018). The Effects of Active Workstation Use on Executive Function in Chinese College Students. *PLoS ONE*. 13(6): e0197740. <https://doi.org/10.1371/journal.pone.0197740>
3. Buchele, H., Cortina, K., Templin, T., Colabianchi, N., & **Chen, W.** (2018). Impact of coordinated-bilateral physical activities on attention and concentration in school-aged children. *BioMed Research International*.  
<https://doi.org/10.1155/2018/2539748>
4. Zhang, Z., & **Chen, W.** (2018). A Systematic Review of the Relationship between Physical Activity and Happiness. *Journal of Happiness Studies*.  
<https://doi.org/10.1007/s10902-018-9976-0>
5. **Chen, W.**, Hammond-Bennett, A., Hypnar, A., & Mason, S. (2018). Health-related physical fitness and physical activity in elementary school students. *BMC Public Health*. 18:195. DOI 10.1186/s12889-018-5107-4

6. **Chen, W.,** Zhang, Z.J., Callaghan, B., LaChappa, A., Chen, M. & He, Z. (2017). Effects of an Acute Bout of Aerobic Physical Activity on Attention and Concentration in School-aged Children. *Biomedical Journal of Scientific and Technical Research*, 1(5), 1-8. DOI: 10.26717/BJSTR.2017.01.000456
7. **Chen, W.,** Hua, M., Yu, S., Wang, X., & Ulrich, D. (2017). Association of Positive Psychological Well-being and BMI with Physical and Mental Health among College Students. *Biomedical Journal of Scientific and Technical Research*, 1(4), 1-9. DOI: 10.26717/BJSTR.2017.01.000370
8. **Chen, W.,** Hammond-Bennett, A., & Hypnar, A. (2017). Examination of motor skill competency in K-1 grades students: evidence-based physical education curriculum. *BMC Public Health*, 17: 222. DOI 10.1186/s12889-017-4105-2
9. Sullivan, R., Vandeering, M., Kuzel, A., & **Chen, W.** (2017). The Association of physical activity and academic behavior: A systematic review. *Journal of School Health*, 87, 388-398.
10. **Chen, W.,** Hammond-Bennett, A., Mason, M., & Zalmout, S. (2016). Manipulative skill competency and physical fitness in elementary school children. *Journal of Sport and Health Science*, 5, 491-499.
11. **Chen, W.,** Mason, S., Hypnar, A., & Hammond-Bennett, A. (2016). Association of quality physical education teaching with students' physical fitness. *Journal of Sport Science and Medicine*, 15, 335-343.
12. **Chen, W.,** Wang, X., Buchele, H., Kuzel, A., Sullivan, R., & Vaanderning, M. (2016). Concurrent effects of school-based physical activity intervention on BMI status and academic achievement in school-aged children. *International Journal of Case Studies*, 5(3), 32-46.
13. **Chen, W.,** Mason, S., Hypnar, A., & Hammond-Bennett, A. (2016). Assessing manipulative skill competency in elementary school students: A three-year study. *Journal of Sports Science and Medicine*, 15, 102-110.
14. **Chen, W.,** Zhu, W., Mason, S., Hammond-Bennett, A., & Colombo-Dougovito, A. (2016). Effectiveness of quality physical education in improving students' manipulative skill competency. *Journal of Sport and Health Science*, 5, 233-240.
15. **Chen, W.,** Hypnar, A., Mason, S., & Hammond-Bennett, A. (2015). Assessing levels of physical fitness in elementary school students. *International Journal of Case Studies*, 4(11), 41-49.
16. **Chen, W.,** Hammond-Bennett, A., Mason, S., & Hypnar, A. (2015). Motor skill competency and physical activity in elementary school students. *International Journal of Humanities Social Sciences and Education*, 2(4), 76-83.

17. **Chen, W., & Hypnar, A. (2015).** Self-Determination in physical education and attitudes toward physical activities among elementary school students. *Journal of Teaching in Physical Education*, 34, 189-209.
18. **Chen, W., & Hendricks, K. (2015).** Pre-service teachers' subject matter competency and quality of teaching practices: The exploratory case studies. *British Journal of Education, Society, & Behavioral Science*, 5(2), 224-236.
19. **Chen, W., Hypnar, A., Mason, S., Hammond-Bennett, A., & Zalmout, S. (2014).** Elementary school students' daily physical activity behaviors: A contributing role of quality physical education teaching in comprehensive school-based physical activity program. *Journal of Teaching in Physical Education*, 33, 592-610.
20. **Chen, W., Hammond-Bennett, A., Upton, A., & Mason, S. (2014).** Accomplished teachers' implementation of quality teaching practices. *The Physical Educator*, 71, 319-349.
21. **Chen, W., Mason, S., Hammond-Bennett, A., & Zalmout, S. (2014).** Development and validation of assessing quality teaching rubrics. *Journal of Education and Training Studies*, 2(3), 1-10.
22. **Chen, W., Mason, S., Zalmout, S., & Hammond-Bennett, A. (2014).** A Two-year assessment of 5<sup>th</sup> grade students' health-related physical fitness components. *Journal of Physical Education and Sports Management*, 1, 1-13.
23. **Chen, W. (2014).** Psychological needs satisfaction, motivational regulations, and physical activity intention among elementary school students. *Educational Psychology*, 34 (4), 495-511.
24. **Chen, W., Hendricks, K., & Zhu, W. (2013).** Development and validation of the basketball offensive game performance instrument. *Journal of Teaching in Physical Education*, 32, 100-109.
25. **Chen, W., & Hendricks, K. (2013).** Assessing pre-service teachers' offensive basketball game performance: A validation study. *Asian Journal of Physical Education and Recreation*, 18, 6-13.
26. **Chen, W., Rovegno, I., Cone, T. P., & Cone, S. L. (2012).** An accomplished teacher's use of scaffolding during a second-grade unit on designing games. *Research Quarterly for Exercise and Sport*, 83, 221-234.
27. **Chen, W., Mason, S., Staniszewski, C., Upton, A., & Valley, M. (2012).** Assessing the quality of teachers' teaching practices. *Educational Assessment, Evaluation and Accountability*, 24, 25-41.

28. **Chen, W., & Hendricks, K. (2012).** Assessing pre-service teachers' soccer offensive game performance ability. *Advances in Physical Education*, 3, 119-125.
29. **Chen, W., & Hendricks, K. (2012).** Assessing game performance competence in soccer: A preliminary validation study. *International Journal of Sport Sciences and Physical Education*, 3, 26-33.
30. **Chen, W., Hendricks, K., & Archibald, K. (2011).** Assessing preservice teachers' quality teaching practices. *Educational Research and Evaluation*, 17, 13-32.
31. **Chen, W. (2011).** Elementary school students' motivation and intention for participation in physical activity outside of school. *International Journal of Applied Educational Studies*, 10, 1-17.
32. **Chen, W., Cone, T. P., & Cone, S. L. (2011).** Students' voices and learning experiences in an integrated unit. *Physical Education and Sport Pedagogy*, 16, 49-65.
33. **Chen, W. (2009).** Confirmatory factor analysis of achieving the beginning teacher standards inventory. *Educational Research and Evaluation*, 15, 285-304.
34. **Chen, W. (2009).** The effect of self-determination theory and planned behavior theory of elementary students' physical activity participation. *International Journal of Applied Educational Studies*, 4, 70-87.
35. **Chen, W., Cone, T. P., & Cone, S. L. (2007).** A collaborative approach to developing an interdisciplinary unit. *Journal of Teaching in Physical Education*, 26, 101-122.
36. **Chen, W. (2006).** Self-assessment of achieving the national standards for beginning physical education teachers. *Journal of Personnel Evaluation in Education*, 17, 353-371.
37. **Chen, W. (2006).** Teachers' knowledge about and views of the national standards for physical education. *Journal of Teaching in Physical Education*, 25, 120-142.
38. **Chen, W. (2005).** Examination of curricula, teaching practices and assessment through the national standards. *Physical Education and Sport Pedagogy*, 2, 159-180.
39. **Chen, W., & Rovegno, I. (2004).** Learning the skills theme approach: Salient and problematic aspects of pedagogical content knowledge. *Education*, 125, 194-212.
40. **Chen, W., Rovegno, I., Todorovich, J., & Babiarz, M. (2003).** Third grade children's movement responses to dribbling tasks presented by accomplished teachers. *Journal of Teaching in Physical Education*, 22, 450-466.

41. Rovegno, I., **Chen, W.**, Todorovich, J., & Babiarz, M. (2003). Accomplished teachers' pedagogical content knowledge of teaching third graders. *Journal of Teaching in Physical Education*, 22, 426-449.
42. **Chen, W.**, & Cone, T. P. (2003). Links between children's use of critical thinking and expert teacher's teaching in creative dance. *Journal of Teaching in Physical Education*, 22, 169-185.
43. **Chen, W.**, Rovegno, I., & Iran-Nejad, A. (2002). Application of a wholetheme perspective to the movement approach to teaching physical education in elementary school. *Education*, 123, 401-415.
44. **Chen, W.** (2002). Six expert and student teachers views and implementation of constructivist teaching using a movement approach to physical education. *The Elementary School Journal*, 102, 255-272.
45. **Chen, W.** (2001). Description of an expert teacher's constructivist-oriented teaching: Engaging students' critical thinking in learning creative dance. *Research Quarterly for Exercise and Sport*, 72, 366-375.
46. **Chen, W.**, & Rovegno, I. (2000). Examination of expert and novice teachers' constructivist-oriented teaching practices using a movement approach to elementary physical education. *Research Quarterly for Exercise and Sport*, 71, 357-372.
47. **Chen, W.** (2000). Self-assessing expertise in creative dance teaching from constructivist perspectives. *Teaching Elementary Physical Education*, 11(5), 04-06.
48. **Chen, W.**, Burry-Stock, J., & Rovegno, I. (2000). Self-evaluation of expertise in teaching elementary physical education from constructivist perspective: Development and validation of an instrument. *Journal of Personnel Evaluation in Education*, 14, 25-45.
49. **Chen, W.**, & Swalm, R. L. (1998). Chinese and American college students' body image: Perceived body shape and body affect. *Perceptual and Motor Skills*, 87, 395-403.
50. **Chen, W.** (1998). Chinese and American college students' motives for participation in physical activities. *Perceptual and Motor Skills*, 87, 1463-1470.
51. Curtner-Smith, M. D., **Chen, W.**, & Kerr, I. G. (1995). Health-related fitness in secondary school physical education: A description-analytic study. *Educational Studies*, 21(1), 55-66.

52. **Chen, W.** (1989). Study on the characteristics of interpersonal relationships among the players in women basketball teams in China. *The Journal of Beijing Teachers College of Physical Education*, 1, Beijing, China.
53. **Chen, W.** (1988). Study on the head coaches' leadership behaviors. *The Journal of Psychology*, 4, Beijing, China.

### Published Peer-Reviewed Abstracts

1. **Chen, W.**, Hua, M., Yu, S., & Wang, X. (2017). Association of physical activity participation with sleep and health in college students. *Research Quarterly for Exercise and Sport*, 88, A63.
2. Zhang, Z., & **Chen, W.** (2017). The Effects of active workstation on executive functions in college students. *Research Quarterly for Exercise and Sport*, 88, A113.
3. Wang, X., Guo, Q., **Chen, W.**, & Housner, L. (2017). Influence of physical activity and physical fitness on academic achievement. *Research Quarterly for Exercise and Sport*, 88, A120.
4. Guo, Q., Wang, X., **Chen, W.**, & Feng, Y. (2017). Factors impacting physical activity: perceived exercise, fitness, and supportive environment. *Research Quarterly for Exercise and Sport*, 88, A83.
5. **Chen, W.**, Wang, X., Mason, S., & Hypnar, A., (2016). Contribution of quality physical education teaching to students' physical fitness. *Research Quarterly for Exercise and Sport*, 87, A120.
6. **Chen, W.**, Chen, B., Hua, M., Yu, S., Li, Q., & Feng, H. (2016). Association of mental health with physical activity, BMI, and positive psychological wellbeing in college students. *Medicine & Science in Sports & Exercise*, 48, 5S-1: 1054. DOI: 10.1249/01.mss.0000488173.75017.69
7. He, Z., & **Chen, W.** (2016). Impact of different levels of physical activity on physical fitness in Chinese college students. *Medicine & Science in Sports & Exercise*, 48, 5S-1: 927. DOI: 10.1249/01.mss.0000487775.32699.14
8. **Chen, W.** (2015). Manipulative skill competency and physical activity in elementary school students. *Research Quarterly for Exercise and Sport*, 86, A65.
9. **Chen, W.**, & Guo, Y. (2014). Elementary school students' self-determination and attitude toward physical activity. *Research Quarterly for Exercise and Sport*, 85, A-3.



10. **Chen, W.**, Hammond-Bennett, A., Mason, S., Wolters, S., & Zalmout, S. (2013). Assessing 4<sup>th</sup> grade students' physical fitness. *Research Quarterly for Exercise and Sport*, 84, A-3.
11. Zalmout, S., Mason, S., Wolters, S., Hammond-Bennett, A., & **Chen, W.** (2013). Assessing K-1 students' performance in motor skills. *Research Quarterly for Exercise and Sport*, 84, A-2.
12. Wolters, S., Zalmout, S., Mason, S., Hammond-Bennett, A., & **Chen, W.** (2013). Assessment of 2<sup>nd</sup>- and 3<sup>rd</sup>-grade students' performance in motor skills. *Research Quarterly for Exercise and Sport*, 84, A-2.
13. Hammond-Bennett, A., Wolters, S., Mason, S., Zalmout, S., & **Chen, W.** (2013). Assessing 4<sup>th</sup> and 5<sup>th</sup> grade students' performance in motor skills. *Research Quarterly for Exercise and Sport*, 84, A-2.
14. Mason, S., Wolters, S., Zalmout, S., Hammond-Bennett, A., & **Chen, W.** (2013). Examination of gender differences in physical fitness among 5th grade students. *Research Quarterly for Exercise and Sport*, 84, A-3.
15. **Chen, W.**, McCaughtry, N., Hypnar, A., Lewis, B., & Hammond-Bennett, A. (2012). Effects of professional development on teachers' implementation of innovative curricula. *Research Quarterly for Exercise and Sport*, 83, A-40
16. **Chen, W.**, Valley, M., Lewis, B., Mason, S., Bennett-Hammond, A., Staniszewski, C., & Upton, A. (2012). Assessing in-service teachers' quality teaching practices: A validation study. *Research Quarterly for Exercise and Sport*, 83, A-28.
17. **Chen, W.**, Archibald, K., Hendricks, K., & Boehner, S. (2010). Development and validation of assessing game performance competency rubrics. *Research Quarterly for Exercise and Sport*, 81, A-9.
18. **Chen, W.**, Hendricks, K., Archibald, K., & Boehner, S. (2010). Development and validation of the quality teaching assessment instrument. *Research Quarterly for Exercise and Sport*, 81, A-9.
19. Archibald, K., Hendricks, K., Boehner, S., & **Chen, W.** (2010). Impact of pre-service teachers' game performance competency and content knowledge on their teaching practices in soccer unit. *Research Quarterly for Exercise and Sport*, 81, A-10.
20. Hendricks, K., Archibald, K., Boehner, S., & **Chen, W.** (2010). Influence of pre-service teachers' skill ability on their teaching practices in basketball unit. *Research Quarterly for Exercise and Sport*, 81, A-10.

21. Boehner, S., Hendricks, K., Archibald, K., & **Chen, W.** (2010). Pre-service teachers' skill ability and their teaching practices in volleyball unit. *Research Quarterly for Exercise and Sport*, 81, A-11.
22. **Chen, W.** (2009). Development and validation of the self-determination in physical activity participation inventory. *Research Quarterly for Exercise and Sport*, 80, A-41.
23. **Chen, W.** (2008). Examination of preservice teachers achieving selected NASPE standards. *Research Quarterly for Exercise and Sport*, 79, A-44.
24. **Chen, W.** Cone, T. P., & Cone, S. L. (2008). Building students competency using instructional scaffolding in integrated units. *Research Quarterly for Exercise and Sport*, 79, A-45.
25. **Chen, W.** Cone T. P., & Cone, S. L. (2006). Students' understanding of integration of movement and mathematics. *Research Quarterly for Exercise and Sport*, 77, A-53.
26. **Chen, W.** (2005). Confirmatory factor analysis of assessing preservice teachers' achieving the NASPE Beginning Teacher Standards. *Research Quarterly for Exercise and Sport*, 76, A-61.
27. **Chen, W.**, Cone, T. P., & Cone, S. L. (2005). A collaborative approach to developing an interdisciplinary unit. *Research Quarterly for Exercise and Sport*, 76, A-61.
28. **Chen, W.**, & Susko, J. (2003). Preservice teachers' self-evaluation of achieving the NASPE standards: Development and validation of an instrument. *Research Quarterly for Exercise and Sport*, 74, A-41.
29. **Chen, W.** (2003). Effects of teaching actions on students' use of critical thinking skills. *Research Quarterly for Exercise and Sport*, 74, A-40.
30. **Chen, W.**, Taubman, B., Swalm, R., Bram, G., Gable, K., Kleinert, D., Rabenda, D., Smucker, S., & Uhrich, T. (2002). Impact of external and internal factors on implementation of the national standards in teaching. *Research Quarterly for Exercise and Sport*, 73, A-62.
31. **Chen, W.**, Taubman, B., Swalm, R., Bram, G., Gable, K., Kleinert, D., Rabenda, D., Smucker, S., & Uhrich, T. (2002). Levels of teachers' awareness and perceptions of the national standards. *Research Quarterly for Exercise and Sport*, 73, A-63.
32. **Chen, W.** (2001). From a social constructivist perspective: The influence of teacher education programs and school cultures on student teachers' disposition and situated pedagogical content knowledge. *Research Quarterly for Exercise and Sport*, 72, A-59.

33. **Chen, W., & Swalm, R. (1999).** Promoting students' metacognition, cooperation, and self-efficacy within outdoor adventure activities. *Research Quarterly for Exercise and Sport*, 70, A-80.
34. **Chen, W., & Rovegno, I. (1999).** Facilitating critical thinking skills: A constructivist-oriented approach to teaching game strategies in child-designed games. *Research Quarterly for Exercise and Sport*, 70, A-80.
35. **Chen, W., & Rovegno, I. (1998).** Development of a rubric to assess expertise in teaching educational game lessons from constructivist perspectives. *Research Quarterly for Exercise and Sport*, 69, A-85.
36. **Chen, W., Garner, R., & Rovegno, I. (1997).** Solving social and cognitive challenge tasks in the "zone of proximal development. *Research Quarterly for Exercise and Sport*, 68, A-75.
37. **Chen, W., Winsler, A., & Rovegno, I. (1996).** Preservice teachers' construction of pedagogical content knowledge for teaching physical education. *Research Quarterly for Exercise and Sport*, 67, A-76.
38. **Chen, W. (1996).** Self-schema about body image and personal value orientation toward physical activities. *Research Quarterly for Exercise and Sport*, 67, A-106.
39. **Chen, W., & Rovegno, I. (1995).** An interpretive study of two prospective teachers' pedagogical content knowledge acquisition of the movement approach in physical education methods course. *Research Quarterly for Exercise and Sport*, 68, A-59.

## External Grants Funded

### 1. **Chen, W., Co-investigator**

Project: *Developing the big data platform for promoting physical health and psychosocial well-being in youth and adolescents* (12/2016-12/2021)

Source: 16ZDA228, National Social Science Funding Agency, National Key Project, China

Award: ¥800,000.00 (\$121,271.2 with current exchange rate: ¥1.00= \$.151589)

**Principal Investigator:** Xiaozan Wang, Professor of School of Physical Education and Health, East China Normal University, Shanghai, China.

### 2. **Chen, W., Co-investigator**

Project: *Studying movement model in pre-schools* (1/2016-12/2017)

Source: Shanghai Department of Education, China

Award: ¥300,000.00 (\$45,476.7 with current exchange rate: ¥1.00= \$.151589)

**Principal Investigator:** Xiaozan Wang, Professor of School of Physical Education and Health, East China Normal University, Shanghai, China.

### 3. **Chen, W., Co-investigator**

Project: *Examining strategies for solving problems of physical education in youth: A perspective from the comprehensive and profound reform of education in China* (12/2015-12/2017)

Source: ALA150010, National Social Science Funding Agency, China

Award: ¥300,000.00 (\$45,476.7 with current exchange rate: ¥1.00= \$.151589)

**Principal Investigator:** Xiaozan Wang, Professor of School of Physical Education and Health, East China Normal University, Shanghai, China.

**4. Chen, W., Mentor**

Project: *The preparation of leadership personnel to implement the research to practice model in adapted physical education and pediatric physical therapy* (09/01/2016-08/31/2021)

Source: H325D160032, Department of Education, USA.

Award: \$1,216,353.00

**Principal Investigator:** Dale Ulrich, Professor of School of Kinesiology, University of Michigan

**5. Chen, W., Principal Investigator**, in partnership with Huron Valley Public Schools.

*The smart kids and healthy kids* (09/01/2012-01/31/2013)

Sources: U.S. Department of Education: Carol M. White Physical Education Program (PEP) CFDA 84.215F

Award for no cost extension: \$58,637.00

**6. Chen, W., Principal Investigator**, in partnership with Livonia Public Schools.

*Reaching the bar together* (2009-2012)

Source: U.S. Department of Education: Carol M. White Physical Education Program (PEP) CFDA 84.215F

Award: \$592,069.00

**7. Chen, W., Principal Investigator**, in partnership with Huron Valley Public Schools.

*The smart kids and healthy kids* (2009-2012)

Source: U.S. Department of Education: Carol M. White Physical Education Program (PEP) CFDA 84.215F

Award: \$554,619.00

**8. Chen, W., Mentor**

*The preparation of leadership personnel to implement the research to practice model in adapted physical education & pediatric physical therapy* (10/1/11-09/30/15)

Source: U.S. Department of Education

Award: \$977,302.00

**Principal Investigator:** Dale Ulrich, School of Kinesiology, University of Michigan

**9. Chen, W., Co-Principal Investigator**, co-principal investigator: Brown, S. H. C., & co-Investigator: Sawyers, K.

*The impact of the high scope movement and music program on childhood health and learning* (2005)

Source: Weikart Foundation.

Award: \$29,230.00

## External Grants in Review

### 1. Chen, W., Principal Investigator

Project Title: Effects of brain-boosting coordinated aerobic physical activity (BBCAPA) intervention on motor and cognitive development in school-aged children (2018-2021)

Amount Requested: \$2,043,405.00

Submission Title: NIH R01 Chen

Opportunity ID: PA-16-160

Opportunity Title: NIH Research Project Grant (Parent R01)

Agency Name: National Institutes of Health

### 2. Chen, W., Principal Investigator

Project Title: Effects of active schools and active kids intervention on habitual and sustainable physical activity behaviors (2018-2023)

Amount Requested: \$3,330,171.00

Submission Title: NIH R01 Chen

Opportunity ID: PAR-14-315

Opportunity Title: Testing Interventions for Health-Enhancing Physical Activity (R01)

Agency Name: National Institutes of Health

### 3. Chen, W., Expert Panel

Project Title: Improving student social, behavioral, and academic outcomes through effective teacher-led physical education (2018-2021)

Amount Requested: \$1,399,711.00

Funding Agency: Institute of Educational Science

Principal Investigator: Deb Johnson-Shelton, PhD. Associate Research Scientist  
Oregon Research Institute

## Intramural Grants/Funds Awarded

### 1. Chen, W. Principal Investigator

*Project: Effects of physically active recess on attention and concentration in school-aged children* (2016-2017)

Source: TSF Faculty Supplemental Research Fund, University of Michigan

Award: \$ 1,500.00

### 2. Chen, W. Principal Investigator

*Project: Development of brain-engaging coordinated aerobic physical activity interventions* (2016-2017)

Source: Hartwig Fund  
Award: \$9,800.00

**3. Chen, W. Principal Investigator**

*Project: Impact of brain cognition and technology-enhanced physical activity intervention (2015-2016)*

Source: TSF Faculty Supplemental Research Fund, University of Michigan  
Award: \$ 3,522.00

**4. Chen, W. Principal Investigator**

*Project: Impact of physical activity participation on physical health and psychological wellbeing among Chinese college students (2015-2017)*

Source: Joint Research Fund awarded by the Center for Chinese Studies, University of Michigan.  
Award: \$20,000.00

**5. Chen, W. Principal Investigator**

*Project: Impact of brain coordinated exercises on cognitive functioning in elementary school-aged children (2015-2016)*

Source: Hartwig Fund  
Award: \$10,000.00

**6. Chen, W. Principal Investigator**

*Project: Relationship between physical activity and brain health (2014-2015)*

Source: Hartwig Fund  
Award: \$5,000.00

**7. Chen, W. Principal Investigator**

*Impact of physical, psychological, and social aspects of physical activity on emotional well-being of Chinese college students (2014-2015)*

Source: Exploratory Travel Grant from the Center for Chinese Studies  
Award: \$ 2,500.00

**8. Chen, W. Principal Investigator**

*Association of physical fitness and motor skill competency with physical activity levels (2013-2014)*

Source: Hartwig Fund  
Award: \$5,000.00

**9. Chen, W. Principal Investigator**

*Assessing students' achieving the content standards (2012-2013)*

Source: Hartwig Fund  
Award: \$10,000.00

**10. Chen, W., Principal Investigator**

*Psychosocial influences on the students' physical activity participation* (2010-2011)

Source: Hartwig Fund

Award: \$10,000.00

**11. Chen, W., Principal Investigator**

*Impact of pre-service teachers' game performance competency on their teaching* (2009-2010)

Source: Hartwig Fund

Award: \$10,000.00

**12. Chen, W., Principal investigator.**

*Integration of physical education with mathematical concepts: Broaden horizons and deepen understanding* (March 1, 2004-June 1, 2005).

Source: University of Michigan, Office of the Vice President for Research.

Award: \$15,385.00

**13. Chen, W., Principal investigator.**

*Facilitating students' critical thinking skills and cooperative abilities within adventure programming* (1998)

Source: Temple University, Office of Research.

Award: \$4,500

**Peer Reviewed Research Presentations at Professional Meetings**

1. Zhang, Z., He, Z., .... **Chen, W.** (2018). Acute Effects of Physically Active Recess on Children's Attention Performance. Presented at the Research Program of the 2017 SHAPE America National Convention and Exposition in Nashville, TN.
2. Wang, Z., Li, X., Guo, Q., **Chen, W.**, and Ward, P. (2018) Effectiveness of break time physical activity on students' Attention. Presented at the Research Program of the 2017 SHAPE America National Convention and Exposition in Nashville, TN.
3. Zhang, Z., Chen, B., Li Q., **Chen, W.** (2018). The Mediating Effect of Perceived Health on the Relationship Between Physical Activity and Subjective Well-being. Presented at the 2018 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Energy Balance of the American College of Sports Medicine in Minneapolis, Minnesota.
4. **Chen, W.**, Harris, H. (2018). Impact of coordinated-bilateral physical activities on attention and concentration in school-aged children. Presented at the 2018 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Energy Balance of the American College of Sports Medicine in Minneapolis, Minnesota.

5. **Chen, W.**, Hua, M., Yu, S., & Wang, X. (2017). *Association of physical activity participation with sleep and health in college students*. Presented at the Research Program of the 2017 SHAPE America National Convention and Exposition in Boston, MA.
6. Zhang, Z., & **Chen, W.** (2017). *The effects of active workstation on executive functions in college students*. Presented at the Research Program of the 2017 SHAPE America National Convention and Exposition in Boston, MA.
7. Wang, X., Guo, Q., **Chen, W.**, & Housner, L. (2017). *Influence of physical activity and physical fitness on academic achievement*. Presented at the Research Program of the 2017 SHAPE America National Convention and Exposition in Boston, MA.
8. Guo, Q., Wang, X., **Chen, W.**, & Feng, Y. (2017). *Factors impacting physical activity: perceived exercise, fitness, and supportive environment*. Presented at the Research Program of the 2017 SHAPE America National Convention and Exposition in Boston, MA.
9. Zhang, Z., **Chen, W.**, Cao, C., & Zhang, B. (2017). *The effects of using a treadmill workstation on mental arithmetic ability*. Presented at the 2017 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Energy Balance of the American College of Sports Medicine in Denver, CO.
10. **Chen, W.**, Wang, X., Mason, S., & Hypnar, A. (2016). *Contribution of quality physical education teaching to students' physical fitness*. Presented at the Research Program of the 2016 SHAPE America National Convention and Exposition in Minneapolis, MN.
11. **Chen, W.**, Chen, B., Hua, M., Yu, S., Li, Q., & Feng, H. (2016). *Association of mental health with physical activity, BMI, and positive psychological wellbeing in college students*. Presented at the 2016 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Energy Balance of the American College of Sports Medicine in Boston, MA.
12. He, Z., & **Chen, W.** (2016). *Impact of different levels of physical activity on physical fitness in Chinese college students*. Presented at the 2016 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Energy Balance of the American College of Sports Medicine in Boston, MA.
13. **Chen, W.**, Mason, S., Hammond-Bennett, A., & Zalmout, S. (2015). *Manipulative skill competency and physical activity in elementary school students*. Presented at the Research Program of the 2015 SHAPE America National Convention and Exposition in Seattle, WA.
14. **Chen, W.**, Mason, S., Hammond-Bennett, A., & Zalmout, S. (2015). *Manipulative*



- skill competency and physical fitness in elementary school children.* Presented at the Research Program of the 2015 SHAPE America National Convention and Exposition in Seattle, WA.
15. **Chen, W.**, Zalmout, S., Mason, S., & Hammond-Bennett, A. (2014). *Motor skill competency and physical fitness.* Presented at North American Society for Pediatric Exercise Medicine (NASPEM) 2014 Biennial NASPEM Scientific Meeting. Minneapolis, MN.
  16. **Chen, W.**, Mason, S., Hammond-Bennett, A., Wolters, S., & Zalmout, S. (2014). *Development and validation of assessing quality teaching rubrics.* Presented at the World Conference on Physical Education and Sport: Challenges and Future Directions, Shanghai, China.
  17. **Chen, W.**, & Guo, Y. (2014). *Elementary school students' self-determination and attitude toward physical activity.* Presented at the Research Program of the 2014 AAHPERD National Convention and Exposition in St. Louis, MO.
  18. **Chen, W.** (2013). *Assessing motor competency and physical fitness among elementary school students.* Presented at the 2013 American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) National Convention, Charlotte, SC.
  19. **Chen, W.**, Hammond-Bennett, A., Mason, S., Wolters, S., & Zalmout, S. (2013). *Assessing 4<sup>th</sup> grade students' physical fitness.* Presented at the 2013 American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) National Convention, Charlotte, SC.
  20. Zalmout, S., Mason, S., Wolters, S., Hammond-Bennett, A., & **Chen, W.** (2013). *Assessing K-1 students' performance in motor skills.* Presented at the 2013 American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) National Convention, Charlotte, SC.
  21. Wolters, S., Zalmout, S., Mason, S., Hammond-Bennett, A., & **Chen, W.** (2013). *Assessment of 2<sup>nd</sup>- and 3<sup>rd</sup>-grade students' performance in motor skills.* Presented at the 2013 American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) National Convention, Charlotte, SC.
  22. Hammond-Bennett, A., Wolters, S., Mason, S., Zalmout, S., & **Chen, W.** (2013). *Assessing 4<sup>th</sup> and 5<sup>th</sup> grade students' performance in motor skills.* Presented at the 2013 American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) National Convention, Charlotte, SC.
  23. Mason, S., Wolters, S., Zalmout, S., Hammond-Bennett, A., & **Chen, W.** (2013). *Examination of gender differences in physical fitness among 5th Grade Students.* Presented at the 2013 American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) National Convention, Charlotte, SC.

24. **Chen, W.**, McCaughtry, N., Hypnar, A., Lewis, B., & Hammond-Bennett, A. (2012). *Effects of professional development on teachers' implementation of innovative curricula*. Presented at the 2012 American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) National Convention, Boston, MA.
25. **Chen, W.**, Rickens, M. A., Bennett-Hammond, A., Upton, A., Mason, S., & Hendricks, K. (2012). *Accomplished teachers' quality teaching practices*. Presented at American Educational Research Association (AERA) Annual Meeting, Vancouver, CA.
26. **Chen, W.**, Rickens, M. A., Mason, S., L., Staniszewski, C., & Valley, M. (2012). *Assessing the quality of teachers' teaching practices*. Presented at the International Convention on Science, Education, and Medicine in Sport, Glasgow, UK.
27. **Chen, W.**, Valley, M., Lewis, B., Mason, S., Bennett-Hammond, A., Staniszewski, C., & Upton, A. (2012). *Assessing in-service teachers' quality teaching practices: A validation study*. Paper presented at the 2012 American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) National Convention, Boston, MA.
28. **Chen, W.**, Hendricks, K., & Archibald, K. (2011). *Assessing pre-service teachers' quality teaching practices: A preliminary validation study*. Paper presented at the International Society of Comparative Sport and Physical Education (ISCPES): World Conference on Physical Education and Sport: Challenges and Future Directions. Shanghai, China.
29. **Chen, W.**, Rovegno, I., Cone, S. L., & Cone, T. P. (2010). *A case study of instructional scaffolding for children's creating games*. Paper presented at the 2010 American Educational Research Association (AERA) Annual Meeting, Denver, CO.
30. **Chen, W.**, Archibald, K., Hendricks, K., & Boehner, S. (2010). *Development and validation of Assessing Game Performance Competency Rubrics*. Paper presented at the 2010 American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) National Convention, Indianapolis, IN.
31. **Chen, W.**, Archibald, K., Hendricks, K., & Boehner, S. (2010). *Development and validation of the Quality Teaching Assessment Instrument*. Paper presented at the 2010 AAHPERD National Convention, Indianapolis, IN.
32. Archibald, K., Hendricks, K., Boehner, S., & **Chen, W.** (2010). *Impact of pre-service teachers' game performance competency and content knowledge on their teaching practices in soccer unit*. Paper presented at the 2010 AAHPERD National Convention, Indianapolis, IN.
33. Hendricks, K., Archibald, K., Boehner, S., & **Chen, W.** (2010). *Influence of pre-*

- service teachers' skill ability on their teaching practices in basketball unit.* Paper presented at the 2010 AAHPERD National Convention, Indianapolis, IN.
34. Boehner, S., Hendricks, K., Archibald, K., & **Chen, W.** (2010). *Pre-service teachers' skill ability and their teaching practices in volleyball unit.* Paper presented at the 2010 AAHPERD National Convention, Indianapolis, IN.
  35. **Chen, W.** (2009). *Scaffolding students creating integrated games in one integrated unit.* Paper presented at the 2009 Physical Education Teacher Education Conference, Myrtle Beach Resort, SC.
  36. **Chen, W.** (2009). *The effect of self-determination theory and theory planned behavior on elementary students' physical activity intention and participation.* Paper presented at the 2009 Physical Education Teacher Education Conference, Myrtle Beach Resort, SC.
  37. **Chen, W.** (2009). *Development and validation of the self-determination in physical activity participation inventory.* Paper presented at the 2009 AAHPERD National Convention, Tampa, FL.
  38. Hendricks, K., Archibald, K., & **Chen, W.** (2009). *Impact of pre-service teachers' competency in game performance on their teaching practices.* Paper presented at the 2009 MAPHERD convention, Traverse, MI.
  39. Archibald, K., Bourdon, L., Chrzanowski, M., Hendricks, K., Schroeder, K., & **Chen, W.** (2009). *Effects of task constraints on movement patterns in two fundamental movements.* Paper presented at the 2009 MAPHERD convention, Traverse, MI.
  40. **Chen, W.**, Harris, H., Cone, T. P., & Cone, S. L. (2008). *Building students' competency using instructional scaffolding in integrated units.* Paper presented at the 2008 AAHPERD National Convention, Fort Worth, TX.
  41. **Chen, W.** (2008). *Examination of pre-service teachers' meeting selected NASPE standards.* Paper presented at the 2008 AAHPERD National Convention, Fort Worth, TX.
  42. **Chen, W.** (2008). *Confirmatory factor analysis of achieving the NASPE standards inventory.* Paper presented at the 2008 AERA Annual Meeting, New York city, NY.
  43. **Chen, W.**, Cone, T. P., & Cone, S. L. (2006). *Students' understanding of integration of movement and mathematics through creating games.* Paper presented at the 2006 AAHPERD National Convention, Salt Lake, UT.
  44. **Chen, W.**, Cone, T. P., & Cone, S. L. (2006). *Students' learning experiences in integrated physical education and math unit: Broadening horizons and deepening*

- understandings*. Paper presented at 2006 AERA Annual Meeting, San Francisco, CA.
45. **Chen, W.** (2005). *Confirmatory factor analysis of assessing preservice teachers achieving the NASPE Beginning Teacher Standards*. Paper presented at the 2005 AAHPERD National Convention, Chicago, IL.
  46. **Chen, W.**, Cone, T. P., & Cone, S. L. (2005). *A collaborative approach to developing an interdisciplinary unit*. Paper presented at the 2005 AAHPERD National Convention, Chicago, IL.
  47. **Chen, W.**, Cone, T. P., & Cone, S. L. (2005). *Interdisciplinary teaching: Integration of physical education skills and concepts with mathematical skills and concepts*. Paper presented at the 2005 AERA Annual Meeting, Montreal, CA.
  48. **Chen, W.** (2004). *Assessing teacher education programs: Teaching for meeting the national standards*. Paper presented at the 2004 AERA Annual Meeting. San Diego, CA.
  49. **Chen, W.** (2003). *Effects of teaching actions on students' use of critical thinking skills*. Paper presented at the 2003 AAHPERD National Convention. Philadelphia, PA.
  50. **Chen, W.**, & Susko, J. (2003). *Preservice teachers' self-evaluation of achieving the NASPE standards*. Paper presented at the 2003 AAHPERD National Convention. Philadelphia, PA.
  51. **Chen, W.**, Taubman, B., Gable, K., DeTommaso-Kleinert, D., & Rabenda, D. (2002). *Levels of implementation of the national standards in elementary and secondary physical education teaching*. Paper Presented at American Educational Research Association (AERA) 2002 Annual Meeting. New Orleans, LA.
  52. **Chen, W.**, Taubman, B., Swalm, R., Bram, G., Gable, K., Kleinert, D., Rabenda, D., Smucker, S., & Uhrich, T. (2002). *Impact of external and internal factors on implementation of the national standards in teaching*. Paper presented at the 2002 AAHPERD National Convention. San Diego, CA.
  53. **Chen, W.**, Taubman, B., Swalm, R., Bram, G., Gable, K., Kleinert, D., Rabenda, D., Smucker, S., & Uhrich, T. (2002). *Levels of teachers' awareness and perceptions of the national standards*. Paper presented at the 2002 AAHPERD National Convention. San Diego, CA.
  54. **Chen, W.** (2001). *Links between children's movement responses and expert teachers' teaching*. Paper presented at EDA-AAHPERD convention. Newport, RI.

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55. **Chen, W.** (2001). *From a social constructivist perspective: The influence of teacher education programs and school cultures on student teachers' disposition and situated pedagogical content knowledge*. Paper presented at the AAHPERD National Convention. Cincinnati, OH.
56. **Chen, W.** (2001). *Links between children's critical thinking in movement actions and an expert teacher's teaching*. Paper presented at American Educational Research Association (AERA) 2001 Annual Meeting. Seattle, WA.
57. **Chen, W., & Torbert, M.** (2001). *Can children become active creators and movers? A constructivist-oriented approach to physical activity and play*. An International Conference: The Child's Right to Play: A Global Approach. NY.
58. **Chen, W. & Swalm, R. L.** (2000). *Learning to teach critical thinking through adventure-typed cooperative learning activities*. Paper presented at American Educational Research Association (AERA) 2000 annual meeting. New Orleans, LA.
59. Rovegno, I., **Chen, W.**, Todorovich, J., & Babiarz, M. (2000). *Accomplished teachers' pedagogical content knowledge of teaching third graders*. Paper presented at American Educational Research Association (AERA) 2000 annual meeting. New Orleans, LA.
60. Rovegno, I., Bandhauer, D., Litaket, R., **Chen, W.**, & Babiarz, M. (2000). *More than playing games: Teaching thinking skills and social responsibility*. Paper presented at the 2000 AAHPERD National Convention. Orlando, FL.
61. **Chen, W., & Zhang, Z.** (2000). *Confirmatory factor analysis of the constructivist teaching practices inventory in elementary physical education*. Paper presented by the 2000 Eastern District Association (EDA) convention. Philadelphia, PA.
62. **Chen, W., & Rovegno, I.** (1999). *A comparison of expert and novice teachers' perceptions and implementation of constructivist-oriented teaching*. Paper presented at the American Educational Research Association (AERA) 1999 Annual Meeting. Montreal, Canada.
63. **Chen, W., Spencer, P., & Rovegno, I.** (1999). *An expert's teaching practices: Engaging students' critical thinking skills in learning creative dance*. Paper presented at the American Educational Research Association (AERA) 1999 Annual Meeting. Montreal, Canada.
64. **Chen, W., & Swalm, R.** (1999). *Promoting students' metacognition, cooperation, and self-efficacy within outdoor adventure activities*. Paper presented at the 1999 AAHPERD National Convention, Boston, MA.
65. **Chen, W., & Rovegno, I.** (1999). *Facilitating critical thinking skills: A constructivist-oriented approach to teaching game strategies in child-designed*

- games*. Paper presented at the 1999 AAHPERD National Convention, Boston, MA.
66. **Chen, W., & Rovegno, I.** (1998). *Differences between constructivist-oriented teaching practices of expert and novice teachers in elementary physical education*. Paper presented at the American Educational Research Association (AERA) 1998 Annual Meeting, San Diego, CA.
  67. **Chen, W., Rovegno, I., & Burry-Stock, J. A.** (1998). *Self-evaluation of expertise in teaching elementary physical education from constructivist perspectives: Development and Rasch calibration of an instrument*. Paper presented at the American Educational Research Association (AERA) 1998 Annual Meeting, San Diego, CA.
  68. **Chen, W., & Rovegno, I.** (1998). *Development of a rubric to assess expertise in teaching educational game lessons from constructivist perspectives*. Paper presented at the 1998 AAHPERD National Convention, Reno, NV.
  69. **Johnson-Young, A., Chen, W., & Luedke, G.** (1998). *Exploratory movement education experiences of educational games, gymnastics, and dance for elementary school curriculum*. Teaching presented at the 1998 AAHPERD National Convention, Reno, NV.
  70. **Chen, W., Garner, R., & Rovegno, I.** (1997). *Solving social and cognitive challenge tasks in the "zone of proximal development"*. Paper presented at the 1997 AAHPERD National Convention, St. Louis, MO.
  71. **Chen, W., & Rovegno, I.** (1996). *Teacher induction: An active agent in being socialized into micropolitics of school*. Paper presented at the 1996 International Pre-Olympic Scientific Congress, Dallas, TX.
  72. **Chen, W.** (1996). *Chinese and American students' perceptions of body image*. Paper presented at the 1996 International Pre-Olympic Scientific Congress, Dallas, TX.
  73. **Chen, W., Winsler, A., & Rovegno, I.** (1996). *Preservice teachers' construction of pedagogical content knowledge for teaching physical education*. Paper presented at the 1996 AAHPERD National Convention, Atlanta, GA.
  74. **Chen, W.** (1996). *Self-schema about body image and personal value orientation toward physical activities*. Paper presented at the 1996 AAHPERD National Convention, Atlanta, GA.
  75. **Chen, W., & Rovegno, I.** (1995). *An interpretive study of two prospective teachers' pedagogical content knowledge acquisition of the movement approach in physical education methods course*. Paper presented at the 1995 AAHPERD National Convention, Portland, OR.

76. **Chen, W.**, & Rovegno, I., & Iran-Nejad, A. (1994). *Application of a wholetheme perspective to the movement approach to teaching physical education in elementary school*. Symposium at the annual conference held by the Mid-South Educational Research Association, Nashville, TN.
77. **Chen, W.**, & Rovegno, I. (1994). *Comparison of experienced and novice teachers' pedagogical content knowledge of teaching the movement approach*. Paper presented at the 1994 Works in Progress Conference held by the University of Georgia, Athens, GA.
78. **Chen, W.** (1990). *The effect of head coaches' leadership behaviors on the relationship between coaches and players in Adult Woman Basketball Teams*. Paper presented at the 1990 Beijing 11th Asian Games Scientific Congress, Beijing, China.
79. **Chen, W.** (1987). *The effect of head coaches' leadership behaviors on the relationship between coaches and players*. Paper presented at the Second National Conference of Sport Science, Shi Jia Zhuang, China.

#### Invited Talks/Presentations

1. **Chen, W.** (2018, October). *Impact of daily technology-enhanced physical activity engaging the brain interventions on daily real time physical activity, aerobic fitness, and attention and concentration in school-aged children*. **Invited Presentation** at 5th World Congress on Advanced Nursing and Quality in Healthcare” during October 15-17, 2018 at Las Vegas, Nevada, USA.
2. **Chen, W.** (2018, July 4th). *Impacts of Technolgy-Enhanced Classroom Activity Breaks on Daily Real Time Physical Activity, Aerobic Fitness, and Attention and Concentration in School-Aged Children*. **Keynote speaking** at the International Summit of Smart Health Promotion, Ru Zhao, Shandong, China.
3. **Chen, W.** (2018, June 19). *Principles of tactical games approach and its application in teaching volleyball lessons* at the Monthly Meeting for Master Physical Education Teachers in Shanghai City.
4. **Chen, W.** (2018, July 15). *Application of tactical games approach in teaching soccer lessons* at the 2018 ECNU Teacher Training in Soccer Teaching.
5. **Chen, W.** (2018, August 9<sup>th</sup>). *How to use tactical games approach in teaching the invasion game form* at the First Physical Education Teaching Forum in ECNU.
6. **Chen, W.** (2017, June 8th). *Association of quality teaching practices with physical activity behaviors, motor skill competency, and physical fitness*. **Keynote speaking** at the Summit of Physical Fitness Promotion Intervention and Assessment in Youth, Shanghai, China.

7. **Chen, W.** (2017). *How to use ActiLife software to initialize, download, and analysis the data of the ActiGraph activity monitor*. Presented at East China Normal University, Shanghai, China.
8. **Chen, W.** (2017). *How to conduct locomotor skills and ball skill assessment with the TGMD-3*. Presented at East China Normal University, Shanghai, China.
9. **Chen, W.** (2016). *Contribution of quality physical education teaching practices to daily physical activity participation, motor skill competency, and health-related physical fitness in school-aged children*. Presented at Beijing Sports University, Beijing, China.
10. Templin, T., & **Chen, W.** (2016). *Introduction to Shape of the Nation: USA*. Presented at the National Training for Physical Education Teachers, Shanghai, China.
11. **Chen, W.** (2016). *Applying the tactical games approach to teaching invasion game form: Basketball teaching*. Presented at the National Training for Physical Education Teachers, Shanghai, China.
12. **Chen, W.** (2016). *Applying the tactical games approach to teaching net game form: Volleyball teaching*. Presented at the National Training for Physical Education Teachers, Shanghai, China.
13. **Chen, W.** (2016). *Physical activity guidelines and policies in USA*. Presented for Zambia Delegates in Shanghai, China.
14. **Chen, W.** (2016). *National physical education content standards: Standards-based curricular, instructions, and assessments*. Presented for Zambia Delegates in Shanghai, China.
15. **Chen, W.** (2016). *Introduction to the assessing quality teaching rubrics*. Presented at the Second Sub-Projects Proposal Meeting in Relation to the Project Funded by National Social Science Foundation in Shanghai, China.
16. **Chen, W.** (2016). *Fundamental movements and content developments*. Presented at the School of Physical Education and Health, Central Normal University, Wuhan city, China.
17. **Chen, W.** (2015). *Using skill theme approach to teaching two instructional units*. Presented at 2015 Active School and Open Door School Training Program in Shanghai, China.
18. **Chen, W.** (2014). *Teaching effectiveness: Research and assessment*. **Keynote speaking** at the World Conference on Physical Education and Sport: Challenges and Future Direction, Shanghai, P. R. China.



19. **Chen, W.** (2014). *Integrated curriculum: Embracing mathematics and language arts into a physical education Lesson*. Presented at the World Conference on Physical Education and Sport: Challenges and Future Direction, Shanghai, P. R. China.
20. **Chen, W.** (2014). *Research methodology based on publishable peer-reviewed journals: From International Perspective*. Presented at the 5-day Summer Workshop on Research and Methods, East China Normal University, P. R. China.
21. **Chen, W.** (2011). *An innovative curriculum model: Use of tactical games approach to teaching secondary physical education*. Presented at the Conference of New Physical Education Science and Physical Education International Forum, Suzhou, China.
22. **Chen, W.** (2011). *Assessing pre-service teachers' teaching practices: A validation study*. Presented at the International Forum on Research Methods of Physical Education Science and Kinesiology. Beijing, China.
23. **Chen, W.** (2011). *My research journey: A personal profile*. Presented at ZheJiang University.
24. **Chen, W.** (2011). *Pedagogy Ph.D. program requirement and application*. Presented at Zhe Jiang University.
25. **Chen, W.** (2011). *Promoting social responsibility through team building curriculum*. Presented at the Beijing Sports University.
26. **Chen, W.** (2011). *Insight into the application for Ph.D. program in University of Michigan*. Presented at the Beijing Sports University.
27. **Chen, W., & Hendricks, K.** (2011). *Pre-service teachers' subject matter competency and quality of teaching practices: The exploratory case studies*. Presented at the 2011 AERA SIG Invisible College Meeting. New Orleans, LA.
28. **Chen, W.** (2010). *Assessing Pre-service teachers quality teaching practices*. Presented at the 2010 International Forum on Sports, Science, and Society, Shenyang, China.
29. **Chen, W.** (2010). *Innovative curriculum models*. Presented at the Beijing Sports University.
30. **Chen, W.** (2010). *USA doctoral program in physical education pedagogy*. Presented at the Beijing Sports University.
31. **Chen, W.** (2010). *Comparison of three different curriculum models*. Presented at the East China Normal University.

32. **Chen, W.** (2007). *Examination of constructivist teaching practices in physical education*, Presented at the 2007 History and Future Directions of Research on Teaching and Teacher Education in Physical Education Conference, Pittsburg, PA.
33. **Chen, W.** (2006). *Standards-based curriculum and instructions*. Presented at the Beijing Sports University.
34. **Chen, W.** (2006). *Standards-based assessment*. Presented at the Beijing Sports University.

### **Presentations at Teacher Training Workshops**

1. **Chen, W.** (2018, July 16-20). Designing and teaching bilateral coordinated aerobic physical activity to elementary school students at the Teacher Training Workshop in ECNU.
2. **Chen, W.** (2017). A tactical games approach to teaching volleyball lessons. Presented at 24<sup>th</sup> Health and Fitness Workshop in School of Kinesiology on December 1, 2017 in Ann Arbor, MI.
3. **Chen, W.** (2017). *Teaching manipulative skills using the skill theme approach*. Presented at a One-Day Workshop for Physical Education Teachers Training in Shu Zhou city, JiangShu Province.
4. **Chen, W.** (2017). *Teaching two volleyball lessons using the tactical games approach and sport education model*. Presented at a One-Day Workshop for Physical Education Teachers Training in Shu Zhou city, JiangShu Province.
5. **Chen, W.** (2016). *Teaching volleyball skills and concepts using the tactical game approach*. Presented at the National Training for Physical Education Teachers. Shanghai, China.
6. **Chen, W.** (2016). *Teaching basketball skills and concepts using the tactical games approach*. Presented at the National Training for Physical Education Teachers. Shanghai, China.
7. **Chen, W.** (2016). *Teaching balances with matching and mirroring movement*. Presented at the Third Congress of the Alliance of National Physical Education in Higher Education, Secondary and Elementary Schools in Qufu, Shandong Province, China.
8. **Chen, W.** (2016). *Teaching counterbalances and countertension balances*. Presented at the Third Congress of the Alliance of National Physical Education in Higher Education, Secondary and Elementary Schools in Qufu, Shandong Province, China.
9. **Chen, W.** (2015). *Using skill theme approach to teaching locomotor skill unit*. Presented at Active School and Open Door School Training Program in Shanghai, China.

10. **Chen, W.** (2015). *Using skill theme approach to teaching manipulative skill unit.* Presented at Active School and Open Door School Training Program in Shanghai, China.
11. **Chen, W.** (2013). *Physically active and mentally engaged interdisciplinary teaching.* Presented at the 20<sup>th</sup> Annual PE Workshop in Kinesiology, UM.
12. **Chen, W.** (2011). *Comprehensive assessment planning during 2011-2012.* Presented for Huron Valley Public Schools on August 29, 2011.
13. **Chen, W.** (2011). *Team building activities* for one-day workshop. Presented for Livonia Public Schools on Feb. 16, 2011.
14. **Chen, W.** (2010). *Physically active math in physical education.* Presented At the 17<sup>th</sup> Annual PE Workshop in Kinesiology, UM. On Dec. 3, 2010.
15. **Chen, W.** (2010). *Designing, teaching, and assessing educational gymnastics lessons.* Presented at one-day workshop for Livonia Public Schools on Sept. 27, 2010.
16. **Chen, W.** (2010). *Comprehensive assessment implementation during 2010-2011.* Presented for Huron Valley Public Schools on August 30, 2010.
17. **Chen, W.** (2010). *Use of pedometers in fitness-enhanced lessons.* Presented at one-day workshop for Livonia Public Schools on March 18, 2010.
18. **Chen, W.** (2010). *Teaching team building activities.* Presented at one day workshop for Livonia Public Schools on March 18, 2010.
19. **Chen, W.** (2010). *Assessing instructionally appropriate teaching practices.* Presented at one day workshop for Livonia Public Schools on March 18, 2010.
20. **Chen, W.** (2010). *PE Metrics assessment: computer technology application.* Presented at a half-day workshop for Livonia Public Schools on April 21, 2010.
21. **Chen, W.** (2009). *Teaching volleyball with a tactical games approach.* Presented at the 16<sup>th</sup> Annual PE Workshop in Kinesiology, UM.
22. **Chen, W.** (2009). *Overview of Livonia PEP grant project.* Presented at the Two-Day Summer Workshop for Livonia Public Schools, Sept. 2, 2009 to Sept. 3, 2009.
23. **Chen, W.** (2009). *Using the tactical games approach to teaching invasion games.* Presented at the Two-Day Summer Workshop for Livonia Public Schools, Sept. 2, 2009 to Sept. 3, 2009.
24. **Chen, W.** (2009). *Scope and sequence of educational gymnastics.* Presented at the Two-Day Summer Workshop for Livonia Public Schools, Sept. 2, 2009 to Sept. 3, 2009.

25. **Chen, W.** (2009). *Teaching educational gymnastics sequences*. Presented at a half-day workshop for Livonia Public Schools on Dec. 9, 2009.
26. **Chen, W.** (2009). *An annual plan for the PEP grant project evaluation*. Presented at a half-day workshop for Huron Valley Public Schools On Dec. 2, 2009.
27. **Chen, W.** (2009). *Overview of fitness gram test and PACER test*. Presented at a half day a half-day workshop for Huron Valley Public Schools On Dec. 2, 2009.
28. **Chen, W.** (2006). *Standards-based assessment*. Presented At the 13<sup>th</sup> Annual PE Workshop in Kinesiology, UM.
29. **Chen, W.** (2006). *Interdisciplinary teaching approach to teaching educational gymnastics*. Presented at the 13<sup>th</sup> Annual PE Workshop in Kinesiology, UM.

## TEACHING

### University of Michigan

- |           |  |
|-----------|--|
| 2017-2018 | <i>HF 313-Quantitative and Qualitative Analytics (F17)</i><br><i>HF 240-Introduction to Fitness and Health (F17)</i><br><i>HF 240- Introduction to Fitness and Helath (W18)</i><br><i>HF 313- Methods of Instructions for Exercise and Fitness (W18)</i><br><i>HF 429- Independent Study (W18)</i><br><i>Initiate and Lead Health, Wellness, and Sport in China Study Abroad Program.</i>  |
| 2016-2017 | <i>HF 251- Technology in Health and Fitness (W17)</i><br><i>HF 240- Introduction to Fitness and Health (W17)</i><br><i>KINE 684- Independent Research in Kinesiology (W17)</i><br><i>HF 240- Introduction to Fitness and Health (F16)</i><br><i>HF 313- Quantitative and Qualitative Analytics (F16)</i><br><i>HF 429- Independent Study (F16)</i><br><i>KINE 684- Independent Research in Kinesiology (F16)</i>   |
| 2015-2016 | <i>HF 240- Introduction to Fitness and Health (F15)</i><br><i>HF 313- Quantitative and Qualitative Analytics (F15)</i><br><i>HF 470- Independent Study (F15)</i><br><i>KINE 684- Independent Research in Kinesiology (F15)</i><br><i>KINE 995- Diss. Can. (Independent Study) (F15)</i><br><i>HF 240- Introduction to Fitness and Health (W16)</i><br><i>HF 251- Technology in Health and Fitness (W16)</i><br><i>KINE 995- Diss. Can. (Independent Study) (W16)</i><br><i>KINE 682- Ind Read in Kin (W16)</i><br><i>PE 470- Ind Study (Spring 16)</i> |

2014-2015	<i>PE 305- Practicum (F14)</i> <i>PE 354- Elementary Methods for Teaching K-5 PE (F14)</i> <i>PE 350- Selected Invasion Games (F14)</i> <i>PE 353- Net/Wall Games and Fitness (F14)</i> <i>HF 251-Technology in Health and Fitness (W15)</i>
2013-2014	<i>PE 305- Practicum (F13)</i> <i>PE 354- Elementary Methods for Teaching K-5 PE (F13)</i> <i>PE 350- Selected Invasion Games (F13)</i> <i>PE 353- Net/Wall Games and Fitness (F13)</i> <i>PE 252- Tests and Measurement in PE (W14)</i> <i>PE 254- Gross Motor Skills for Children (W14)</i> <i>HF 251- Technology in Health and Fitness (W14)</i>
2012-2013	<i>PE 305- Practicum (F12)</i> <i>PE 354- Methods for Teaching K-5 PE (F12)</i> <i>PE 350- Selected Invasion Games (F12)</i> <i>PE 353- Net/Wall Games and Fitness (F12)</i> <i>PE 252- Tests and Measurement in PE (W13)</i> <i>PE 254- Gross Motor Skills for Children (W13)</i>
2011-2012	<i>PE 252- Test and Measurement in PE (W12)</i> <i>PE 470- Independent Study (W12)</i>
2010-2011	<i>PE 305- Practicum (F10)</i> <i>PE 354- Methods for Teaching K-5 PE (F10)</i> <i>PE 350- Selected Invasion Games (F10)</i> <i>PE 470- Independent Study (F10)</i> <i>PE 252- Test and Measurement in PE (W11)</i> <i>PE 470- Independent Study (W11)</i>
2009-2010	<i>PE 305- Practicum (F09)</i> <i>PE 354- Methods for Teaching K-5 PE (F09)</i> <i>PE 350- Selected Invasion Games (F09)</i> <i>KINE 684- Independent Study in Kinesiology (F09)</i> <i>PE 255- Physical Education Methods for Elementary Classroom Teachers (W10)</i>
2008-2009	<i>PE 305- Practicum (F08)</i> <i>PE 354- Methods of Teaching K-5 PE (F08)</i> <i>PE 350- Selected Secondary Team Activities (F08)</i> <i>PE 470- Independent Research (F08)</i> <i>KINE 682- Independent Reading (F08)</i> <i>KINE 684- Independent studies in Kinesiology (F08)</i> <i>PE 252- Test and Measurement in PE (W09)</i> <i>PE 255- Physical Education Methods for Elementary Classroom Teachers (W09)</i>

- PE 290- Independent study (W09)*  
*KINE 682- Independent Reading (W09)*
- 2007-2008    *PE 350- Selected Secondary Team activities (F07)*  
*PE 354- Methods of Teaching K-5 PE (F07)*  
*PE 305- Practicum (F07)*  
*PE 353- Selected Individual Sports and Fitness (F07)*  
*KINE 682- Independent Reading in Kinesiology (F07)*  
*PE 252- Tests & Measurements in PE (W08)*  
*PE 332- Principles of Motor Behaviors (W08)*  
*KINE 684- Independent Study in Kinesiology (W08)*
- 2006-2007    *PE350- Selected Secondary Team Activities (F06)*  
*PE 354- Methods of Teaching K-5 PE (F06)*  
*PE 305- Practicum (F06)*  
*KINE 684- Independent Study (F06)*  
*PE 252- Assessment in Physical Education (W07)*  
*KINE 685- Independent Research (W07)*
- 2005-2006    *PE350- Selected Secondary Team Activities (F05)*  
*PE 354- Methods of Teaching K-5 PE (F05)*  
*PE 313- Practicum (F05)*  
*KINE 545- Seminar in Physical Education Pedagogy (F05)*  
*PE252- Test and Measurement (W06)*  
*PE 354- Methods of Teaching K-5 PE (W06)*  
*PE 305- Practicum in Elementary (W06)*  
*KINE 613- Independent Research (W06)*
- 2004-2005    *PE 350- Selected Secondary Team Activities (F 04)*  
*PE 252- Test and Measurement (W 05)*
- 2003-2004    *PE 350- Selected Secondary Team Activities (F 03)*  
*PE 252- Test and Measurement (W 04)*

### **Temple University**

- 2002-2003    *PHETE 246 (F 02)*  
*PHETE 248(F 02)*  
*PHETE 252(F 02)*  
*PHETE 257(F 02)*  
*PHETE 255(F 02)*  
*PHETE 247(W 03)*  
*PHETE 249(W 03)*  
*PHETE 255(W 03)*  
*PHETE 258(W 03)*  
*PHETE 253(W 03)*

*PHETE 260 (W03)*

2001-2002    *PHETE 246 (F 01)*  
                  *PHETE 248(F 01)*  
                  *PHETE 252(F 01)*  
                  *PHETE 257(F 01)*  
                  *PHETE 255(F 01)*  
                  *PHETE 247(W 02)*  
                  *PHETE 249(W 02)*  
                  *PHETE 255(W 02)*  
                  *PHETE 258(W 02)*  
                  *KINE 455-Creative Approach to Teaching Physical Education (W 02)*

*Summer I 2002*

*KINE 31*  
*KINE 73*

2000-2001    *PHETE 246(F 00)*  
                  *PHETE 248(F 00)*  
                  *PHETE 252(F 00)*  
                  *PHETE 257(F 00)*  
                  *PHETE 255(F 00)*  
                  *KINE 595-Symposium in Kinesiology (F 00)*  
                  *PHETE 247 (W 01)*  
                  *PHETE 249(W 01)*  
                  *PHETE 253(W 01)*  
                  *PHETE 258(W 01)*  
                  *PHETE 260(W 01)*  
                  *PHETE 255(W 01)*

*Summer I 2001*

*KINE 31*  
*KINE 73*

1999-2000    *PHETE 246 (F 99)*  
                  *PHETE 248(F 99)*  
                  *PHETE 252(F 99)*  
                  *PHETE 257(F 99)*  
                  *PHETE 255(F 99)*  
                  *PE 550-Measurement and Evaluation in Physical Education (F 99)*  
                  *PHETE 247 (W 00)*  
                  *PHETE 249(W 00)*  
                  *PHETE 253(W 00)*  
                  *PHETE 258(W 00)*  
                  *PHETE 260(W 00)*  
                  *PHETE 255(W 00)*

*Summer I 2000**KINE 73*

1998-1999    *PHETE 246 (F 98)*  
*PHETE 248 (F 98)*  
*PHETE 252 (F 98)*  
*PHETE 257 (F 98)*  
*PHETE 255 (F 98)*  
*PE 555 Curriculum Development and Writing (F 98)*  
*PHETE 247 (W 99)*  
*PHETE 249(W 99)*  
*PHETE 253(W 99)*  
*PHETE 258(W 99)*  
*PHETE 260-Seminar in Student Teaching (W 99)*  
*PHETE 255(W 99)*

*Summer 1999 KINE 31-Volleyball**KINE 73-Swimming*

1997-1998    *Physical and Health Education Teacher Education (PHETE) 246- Basic Movement I (F 97)*  
*PHETE 248- Advanced Movement I (F 97)*  
*PHETE 252- Curriculum and Instruction in Phys. Ed. II (F 97)*  
*PE 180- Technology Application to Physical Education (F 97)*  
*PHETE 257- Practicum I (F 97)*  
*PHETE 255- Supervise Student Teachers (F 97)*  
*PE 500- Seminar in Curriculum and Instruction (F 97)*  
*PHETE 247- Technology Application to Physical Education (W 98)*  
*PHETE 249- Advanced Movement II (W 98)*  
*PHETE 253- Curriculum and Instruction in Phys. Ed. II (W 98)*  
*PHETE 258- Practicum II (W 98)*  
*PHETE 255- Supervise Student Teachers (W 98)*

**University of Alabama**

1997            *HPE 364- Physical Education Elementary Teaching Method*

1996            *HPL 157- Weight Training*  
*HPE 364- Physical Education Elementary Teaching Method*  
*Taught physical education classes to K-5 at The University Place Elementary School, Tuscaloosa, AL, 1996*

1995            *HPL 155- Jogging*  
*HPL 157- Weight Training*



*HPE 364- Physical Education Elementary Teaching Method*

1993-1994     *Supervised student teachers at both elementary and secondary levels in the University of Alabama, Tuscaloosa, AL*  
*HPL 157- Weight Training*

## GRADUATE STUDENT GUIDANCE

### University of Michigan

#### ***Committee Chair***

#### Dissertation Committee

2016            Heidi Harris, Kinesiology, UM  
 Dissertation title: *Impact of Technology-Enhanced Classroom Physical Activity Interventions on Executive Function, Motivation, and Physical Fitness.*

#### Dissertation Proposal Committee

2015            Heidi Harris, Kinesiology, UM  
 Dissertation proposal title: *Impact of Technology-Enhanced Physical Activities on Executive Function, Motivation, and Physical Fitness in School-Aged Children.*

#### Guidance Committee

2016            Zhanjia Zhang, Kinesiology, UM  
 2007            Phil Esposito, Kinesiology, UM  
 2005            Heidi Harris, Kinesiology, UM

#### Qualifying Exam Committee

2018            Zhanjia Zhang, Kinesiology, UM  
 2007            Heidi Harris, Kinesiology, UM

#### ***Committee Member***

#### Dissertation and Proposal Committee

2011-2012     Irully Jeong, Kinesiology, UM  
 Dissertation title: *Measuring Physical Activity in Youth with Down Syndrome and Autism Spectrum Disorders: Identifying Data-Based Measurement Conditions*

2010-2011     McDonald, M., Kinesiology, UM  
 Dissertation title: *The Impact of Motor Skills on the Social Success of Children with Autism*

2007            Lloyd, M. C., Kinesiology, UM  
 Dissertation title: *Physical Activity of Preschool Age Children with and without Down syndrome*

2005            Phelps, G., Education, UM  
 Dissertation title: *Content Knowledge for Teaching Reading*

### Guidance and Comprehensive Exam Committee

2018	Lu Qu, Kinesiology, UM
2011-2012	Leah Ketcheson, Kinesiology, UM
2010-2011	Janet Hauck, Kinesiology, UM
2009-2010	Irully Jeong, Kinesiology, UM
2008-2009	Megan McDonald, Kinesiology, UM

### **East China Normal University, China**

#### Dissertation Committee member:

2018	Yang Chao, East China Normal University, China <i>Control of Sub-cerebral Cortex on Human Body Movement.</i>
2017	Arnold Amador, East China Normal University, China <i>Comparisons of Sudan's and China's Physical Education Curricular at Secondary Levels.</i>

#### Master Thesis Committee member:

2018	Guowei Tang, East China Normal University, China <i>Study of Healthy ECNU Intramural Clubs Influencing Physical Activity Behaviors among College Students.</i>
2018	Nan Li, East China Normal University, China <i>Study of Elementary Physical Education Teachers' Teaching Behaviors.</i>
2018	ShiShi Chen, East China Normal University, China <i>Experimental Study of Impacts of Classroom Physical Activity Breaks on Attention and Concentration in Elementary School Students.</i>
2018	Yuning Jia, East China Normal University, China <i>Examination of Curriculum Reform of University Physical Education Classes Focusing on Individuallization.</i>
2018	Peng Zhang, East China Normal University, China <i>Study of Designing Physical Fitness Content for Middle School Students Based on China Health-Enhancing Physical Education Curriculum.</i>
2018	Penghui Xie, East China Normal University, China <i>Current Status of the Transition from Pre-School to Kindergarten in Shanghai.</i>
2018	Xin Yu, East China Normal University, China <i>Exploration of Dissessment of Chinese Dragon Dance to University Students</i>

*in Panama.*

- 2018 Feng Zhu, East China Normal University, China  
*Experimental Study on Physical Fitness Teaching within the Framework of KDL.*
- 2018 Shuyan Zhang, East China Normal University, China  
*Experimental Study on Impacts of Physical Education Classes Using Core Principles of Team Building Activity on Psychological Well-being and Social Adaption in Middle-School Students.*
- 2018 Yanan Wang, East China Normal University  
*Impacts of Rewarding System of “President’s Challenging Cup” on Physical Activity and Fitness in College Students.*
- 2017 QinFan Yan, East China Normal University, China  
*Exploring Study of Essential Components of Teaching Practices Enhancing Physical and Mental Health among Elementary and Middle School Students in Shanghai.*
- 2017 Mingming Guo, East China Normal University, China  
*Impact of Smart-Monitoring and Feedback System on University Students’ Physical Activity Participation.*
- 2017 Xing Chen, East China Normal University, China  
*Relationship between PE Teachers’ Perceptions of Teaching Methods and Students’ Physical and Mental Health.*
- 2017 Lifeng Hu, East China Normal University, China  
*Experimental Study of Impacting of “Healthy ECNU” Intramural Clubs on University Students’ Levels of Physical Fitness.*
- 2016 Meng Wang, East China Normal University, China  
*Establishment of School Sport-related Culture: A Case Study of a Middle School.*
- 2016 Meiyuan Chen, East China Normal University, China  
*Interests-Enhanced Physical Education Curricular in Shanghai Elementary Schools.*
- 2016 Dongxiang Wang, East China Normal University, China  
*Promoting Elementary School Students’ Physical and Mental Health through Rhythmic Teaching Model: A Case Study.*
- 2016 Pengfei Shao, East China Normal University, China  
*Comparisons of Sport Literacy in Chinese and American College Students.*

- 2016 Songqin Yi, East China Normal University, China  
*Experimental Application of Sport Education Model in Teaching Volleyball Unit in a Large Class-Size.*
- 2016 Xiaocui He, East China Normal University, China  
*Impact of Games Teaching Methods on Elementary School Students' Physical and Mental Health*
- 2016 Chunhua Wang, East China Normal University, China  
*Promoting Students' Interests in PE Classes through Use of Various Teaching Styles in One Elementary Schools.*
- 2014 Wei Wang, East China Normal University, China  
*Applying Discovery Teaching Styles in Secondary Physical Education*
- 2014 Yan Feng, East China Normal University, China  
*Development of Teaching Observation Instrument in Physical and Health Education: Based on LICC Essential Constructs.*
- 2014 Linwei Shi, East China Normal University, China  
*Impact of Sport Education Model on Autonomous Ability of College Students*
- 2014 Weijie Liao, East China Normal University, China  
*Relationship between Physical Fitness and Academic Performance: A Case Study of Laboratory Middle School of Chang Chou.*
- 2014 Jihuan Yuan, East China Normal University, China  
*Application of Direct Teaching Styles in Elementary Physical Education Lessons*
- 2014 Men Cai, East China Normal University, China  
*Impact of America SPARK Curricular on Moral Development of Elementary School Students in Shanghai*
- 2014 Xiaoyu Shao, East China Normal University, China  
*Development and Validation of Assessing Physical Education Teachers' Professional Dispositions at Elementary and Secondary Levels.*
- 2014 Yi Zhang, East China Normal University, China  
*Application in "Principal's Challenge Cup" for Elementary School Students' Health Promotion in Zi Jiang Elementary School*

**Co-Advisor for Dissertation:**

- 2013 Liqun Shen, East China Normal University, China  
*The Quality of Standards-based Classroom Assessment*

## Beijing Sports University, China

### *Co-Advisor for Dissertation:*

- 2011 Jie Zhang, Beijing Sports University, China  
*The Transcultural Promotion of Taichi Chuan in the United States*
- 2011 Hongjing Feng, Beijing Sports University, China  
*Exploration of American Elementary Physical Education Curriculums*
- 2010 Hua Yang, Beijing Sports University, China  
*The Evolution of NCAA's Institution*
- 2010 Zhuo Zhang, Beijing Sports University, China  
*The Media Role Mediating the Martial arts and Qigong Fever of 1980s-1990s in China*

## Temple University

### *Committee Chair:*

#### Masters

- 2002 Smucker, S.C, Kinesiology, TU  
*Training students to become critical and reflective decision makers.*

#### *Committee Member*

#### Doctoral

- 2001 Cone, T. P., Dance, TU  
*Off the page: Children's creative dance as a response to children's literature*
- 2001 Cadwallader, M. C., Kinesiology/Sport Psychology, TU  
*Perceptions of personal sporting experiences and life projections among Caucasian urban at-risk adolescent females*
- 2001 Pittman, B. D, Kinesiology, TU  
*Afrocentric Kinesiology: Innovators and early adopters in a diffusion of innovations model*
- 2001 Roberson, V., Kinesiology, TU  
*An analysis of the effect of a culturally sensitive instructional golf program on golf skill acquisition and psychological development among selected African American youth*
- 2000 Hughson, S. M., Kinesiology, TU  
*Development and validation of a measure to assess risk for eating disorders in elite women athletes*

- 
- 2000 Davis, K. L., Kinesiology, TU  
*A qualitative study of gender interactions between teachers and students in selected high school physical education classes*
- 2000 Schatz, N. S., Kinesiology, TU  
*Living the high life: A descriptive study of highly involved alpine skiers*
- 2000 Doemland, J. H., Kinesiology, TU  
*Language and performance: A linguistic analysis of performance description by elite athletes*
- 2000 Shieve, S. E., Health Studies, TU  
*Tobacco use among adolescents in Philadelphia: Availability, perceived consequences, and peer provision*
- 2000 Martella, P. A., Kinesiology, TU  
*Wholeness, healing, and risk-taking in women outdoor leaders*
- 1999 Ottley, M., Kinesiology, TU  
*Knowledge, attitudes, and perceptions of selected Trinidad and Tobago coaches and athletes regarding sport psychology consultation*
- 1999 Gramer, S. J., Kinesiology, TU  
*Effects of classroom motivational climate on student goal orientation, attitude toward physical education, cardiovascular fitness, and basketball shooting skill*
- 1999 Hinson, C. E., Kinesiology, TU  
*The effects of cooperative, competitive, and individual physical activities on the development of social skills, motor skills, and fitness of children*
- 1999 Wanish, J. A., Kinesiology, TU  
*An investigation of student development, life values, athletic identity, and the use of the center for enhanced performance among selected cadets.*
- 1998 Davis, J., Kinesiology, TU  
*Effects of gender and the use of verbal cues in demonstrations on cognition and performance of a novel motor task.*
- 1998 Pelek, C., Health Studies, TU  
*A survey of sun protection practices in Pennsylvania state licensed day care Centers*
- 1998 Smith, J. L., Kinesiology, TU  
*Comparisons of concept maps and canoeing among experts, teachers, and books*
- 1998 Hoffman, A. L., Kinesiology, TU

*Effects of contextual interference on acquisition and retention of three levels of striking skills in children*

- 1998 Spencer, P. J., Kinesiology, TU  
*Comparison of selected developmentally appropriate low organized and traditional games on the linking of physical activity, perceived athletic competence and linking of physical activity due to peer acceptance of third grade students in physical education.*

## SERVICE

### University of Michigan:

- 2014-Present Member, University of Michigan Senate Assembly  
 2017-Present Member, MHealthy Advisory Committee

### School of Kinesiology

- 2016-Present Member, Research Group Activity - Kraus Design Work Group  
 2014-2015 Member, Health and Fitness Search Committee  
 2010-2013 Member, School of Kinesiology Graduate Committee  
 2009-2010 Member, Division of Kinesiology Dean Search Advisory Committee  
 2008-2009 Member, Division of Kinesiology Dean Search Advisory Committee  
 2007-2008 Member, Division of Kinesiology Executive Committee  
 2006-2007 Member, Division of Kinesiology Executive Committee  
 2006-2007 Member, Division of Kinesiology Salary Equity Sub-Committee

### Temple University:

- 1998-2003 Member, Faculty Senate Library Committee of Temple University.  
 Spring, 2001 Member of Ad Hoc Committee, Graduate Board Program Review Committee  
 Spring 2001.  
 2000-2003 Member, Steering Committee in College of Education  
 2002-2003 College of Education Representative Senator

### Department:

- 2002-2003 Member, 2003 AAHPERD Convention Committee  
 2002 Member, Student Award Committee  
 2001 Member, Graduate Faculty Status Committee  
 2001-2002 Member, Department Personnel Committee  
 2000-2001 Member, Department Personnel Committee  
 2000-2001 Member, Executive Committee of BRL  
 2000 Member, Search Committee for Exercise Physiology  
 1999-2001 Chair, Behavioral Science Program Group  
 2000 Member, Graduate Faculty Status Committee  
 1998-1999 Member, Departmental Personnel Committee

1997-1998	Member, Departmental Personal Committee
1997-1998	Member, Search Committee for Athletic Training
1998-1999	Member, Search Committee for Athletic Training

## **OTHER PROFESSIONAL SERVICE:**

### **Journal Editorial and Reviewing**

#### **Academic Editor**

2018- Medicine

#### **Associate Editor**

2016- Journal of Teaching in Physical Education

2013- Research Quarterly for Exercise and Sport

#### **Editorial Board**

2012- Advances in Physical Education

2013- International Journal of Advanced Educational Research

2008-2010 International Journal of Applied Educational Studies

2014-2015 Journal of Obesity and Overweight

2007- Journal of Teaching in Physical Education

#### **Journal Reviewer**

##### **2018**

International Journal of Adolescent Medicine and Health  
Medicine

American Journal of Preventive Medicine

Research Quarterly for Exercise and Sport

BMC Public Health

International Journal of Sport and Exercise Psychology

Current Psychology

##### **2017**

BioMed Research International

Adapted Physical Activity Quarterly

BMC Public Health

Journal of Child and Family Studies

Journal of Happiness Studies

Journal of Motor Learning and Development

Journal of Teaching in Physical Education

Preventive Medicine

Research Quarterly for Exercise and Sport

##### **2016**

BMC Pediatrics



BMC Public Health  
 Early Child Development and Care  
 International Journal of Sport and Exercise Psychology  
 Journal of Curriculum Studies  
 Journal of Physical Activity and Health  
 Journal of Teaching in Physical Education  
 Learning and Individual Differences  
 Teaching and Teacher Education  
 Research Quarterly for Exercise and Sport

## 2015

Educational Psychology  
 International Journal of Sport and Exercise Psychology  
 Journal of Motor Learning and Development  
 Journal of Teaching in Physical Education  
 Teaching and Teacher Education  
 Sport, Exercise, and Performance Psychology

## 2014

Advances in Physical Education  
 British Journal of Education, Society & Behavioral Science  
 Educational Psychology- An International Journal of Experimental Educational Psychology  
 International Journal of Sport and Exercise Psychology  
 Journal of Teaching in Physical Education  
 Measurement in Physical Education and Exercise Science  
 Research Quarterly for Exercise and Sport

## 2013

Educational Research and Evaluation  
 Journal of Teaching in Physical Education  
 Physical Education and Sport Pedagogy  
 Research Quarterly for Exercise and Sport

## 2012

Adapted Physical Activity Quarterly  
 Advances in Physical Education  
 International Journal of Applied Educational Studies  
 Journal of Applied Sport Psychology  
 Journal of Teaching in Physical Education  
 Measurement of Physical Education and Exercise Science.  
 Physical Education and Sport Pedagogy  
 Research Quarterly for Exercise and Sport  
 Sport, Exercise, and Performance Psychology

## 2011

International Journal of Applied Educational Studies  
Measurement of Physical Education and Exercise Science  
Journal of Teaching in Physical Education  
Physical Education and Sport Pedagogy  
Psychology of Sport and Exercise  
Research Quarterly for Exercise and Sport

## 2010

Journal of Teaching in Physical Education  
Measurement of Physical Education and Exercise Science  
Physical Education and Sport Pedagogy  
Psychology of Sport and Exercise  
Research Quarterly for Exercise and Sports

## 2009

Adapted Physical Activity Quarterly  
International Journal of Applied Educational Studies  
Journal of Teaching in Physical Education  
Physical Education and Sports Pedagogy  
Research Quarterly for Exercise and Sports

## 2008

European Physical Education Review  
International Journal of Applied Educational Studies  
Journal of Teaching in Physical Education  
Research Quarterly for Exercise and Sports

## 2007

Journal of Teaching in Physical Education  
Physical Education and Sport Pedagogy  
Research Quarterly for Exercise and Sport

## 2006

Journal of Teaching in Physical Education  
Research Quarterly for Exercise and Sport

## 2005

Journal of Teaching in Physical Education  
Research Quarterly for Exercise and Sport

## 2004

Perceptual and Motor Skills

## Conference Reviewing

2014-2017 Research Consortium for the SHAPE America National Convention

2014	The World Conference on Physical Education and Sport: Challenges and Future Direction, Shanghai, in China.
	Research Consortium for the 2015 SHAPE America National Convention.
2002-2013	AERA SIG for the AERA Annual Meeting
2002-2013	Research Consortium for the AAHPERD National Convention
2008	Beijing Olympic Scientific Congress

### **Book Reviewing**

2010-2011	Handbook of Elementary Physical Education
2008	Four Textbook Chapters

### **Grant Reviewing**

2018	Research grant application for National Medical Research Council Ministry of Health, Singapore
2015-2016	Research grant application for National Medical Research Council Ministry of Health, Singapore
2010-2013	AAHPERD Research Consortium Grant Phase I and Phase II

### **External Reviewer of Promotion Cases**

2016	Tenure and promotion at University of British Columbia
2012	Tenure and Promotion at Ohio State University

### **Professional Association Leadership**

2016	Member, AERA Outstanding Paper Committee
2013-2016	Member, RQES Exemplary Paper Committee
2012-2013	Past President, American Educational Research Association (AERA)-Research on Learning and Instruction in Physical Education
2010-2013	Member, JTPE Metzler-Freedman Exemplary Paper Award
2011-2012	President, American Educational Research Association (AERA) Research on Learning and Instruction in Physical Education
2010-2011	President-Elect, American Educational Research Association (AERA): Research on Learning and Instruction in Physical Education
2008-2009	Past President, NASPE Curriculum and Instruction Research Academy Committee
2007-2009	Member, NASPE-Professional Preparation and Research Steering Committee
2007-2008	President, NASPE Curriculum and Instruction Research Academy Committee
2007-2008	Chair, AERA SIG Senior Scholar Lecture Committee
2007	Chair, Pedagogy Review Panel, Research Consortium abstracts at the 2008 AAHPERD National Convention.
2007	Chair, reviewing NASPE abstracts for the 2008 AAHPERD National Convention
2006-2007	President-Elect, NASPE Curriculum and Instruction Academy Committee
2006-2007	Chair, AAHPERD Research Writing Award Committee
2006-2007	Member, AERA SIG Scholar Award Committee
2005	Chair, Pedagogy Review Panel, Research Consortium abstracts at the 2006 National Convention.

- 2005 Member, RQES Research Writing Award Committee.
- 2004 Member, Lawrence F. Locke Outstanding Dissertation Award Committee for SIG of 2004 AERA Annual Meeting.
- 1998- 2002 Chair, Research Committee of the State of Pennsylvania AHPERD