

Wenhao Liu, Ph. D.
Associate Professor
Physical Education Department
Slippery Rock University of Pennsylvania

EDUCATION

- ◆ **Ph.D. 2002.** University of Georgia, Athens, Georgia. Major: Sport Pedagogy (Instruction and Curriculum in Physical Education); Minor: Research Method
- ◆ **M.A. 1997.** University of Northern Iowa, Cedar Falls, Iowa. Major: Motor Behavior.
- ◆ **M.Ed. 1988.** Wuhan/Guangzhou Institute of Physical Education, Wuhan, China. Major: Physical Education
- ◆ **B.Ed. 1979.** Wuhan Institute of Physical Education, Wuhan, China. Major: Physical Education.

TEACHING EXPERIENCE

Slippery Rock University, 08/2009-present, Associate Professor of Physical Education

Slippery Rock University, 08/2004-07/2009, Assistant Professor of Physical Education

Courses taught:

- ◆ PE 152 Practical Introduction to Teaching Physical Education
- ◆ PE 191 Foundation of Physical Education
- ◆ PE 192 Diversity Issue in Physical Education
- ◆ PE 455 Student Teaching
- ◆ PE 668 Current Issues in Physical Education (graduate course)
- ◆ PE 751 Practicum (graduate course)
- ◆ PE 770 Children in Sport (graduate course)

Sage Colleges (New York State), 08/2002-06/2004. Assistant Professor of Physical Education

Courses taught:

- ◆ PED 304 Tai Chi
- ◆ PED 306 Weight Training
- ◆ PED 308 Water Aerobic
- ◆ PED 310 Measurement and Evaluation in Physical Education
- ◆ PED 312 Teaching Physical Education in the Secondary School
- ◆ PED 313 Practicum in Physical Education
- ◆ PED 348 Motor Learning
- ◆ EDU 540 Effective School Organization (graduate course)
- ◆ NCR 316 Physical Education Standard Workshop
- ◆ NCR 317 Health Education Standard Workshop

Wuhan Institute of Physical Education (China), 09/1979-11/1993. Instructor and Assistant Professor of Physical Education

Courses taught

- ◆ A variety of PETE courses
- ◆ Movement Analysis

- ◆ Supervising Student Teaching

Teaching Awards

- ◆ 1993. The First Award for Excellent Teaching. Wuhan Institute of Physical Education, Wuhan, China.
- ◆ 1992. Award of Excellent Teaching. Track and Field Instruction Department, Wuhan Institute of Physical Education, Wuhan, China.
- ◆ 1990. Award of Excellent Teaching. Department of Physical Education, Wuhan Institute of Physical Education, Wuhan, China.

SERVICE EXPERIENCE

Editorial Positions at National & International Refereed Journals/Conferences

- ◆ Reviewer for *The ICHPER·SD Journal of Research* (ICHPER·SD stands for International Council for Health, Physical Education, Recreation, Sport, and Dance). 03/2005-present
- ◆ Assistant Editor and Reviewer for *The Journal of ICHPER·SD*. 07/2005-06/2007
- ◆ Reviewer for *Perceptual and Motor Skills*. 10/2006-present
- ◆ Reviewer for *Physical Education and Sport Pedagogy*. 2007 (one time)
- ◆ Reviewer for a textbook titled *Teaching Physical Education for Learning*, 5th ed., by Judith Rink. 2007
- ◆ Reviewer for 2008 International Convention on Science, Education and Medicine in sport. 2008
- ◆ Reviewer for the Research Consortium at 2008, 2009, and 2010 National AAHPERD Convention (AAHPERD stands for American Alliance for Health, Physical Education, Recreation and Dance). 2007-2009
- ◆ Reviewer for the 2008 National Student Teacher Supervision Conference. 2008

Professional Society Positions (at International, National, and District Levels)

- ◆ Secondary Physical Education Commission of ICHPER·SD. Member, 2009-2010, 2005-2007, 2001-2002
- ◆ **Presider** for a session at 2008 AAHPERD convention: Assessment and validation of instrumentation and theoretical models. 2008
- ◆ **District Coordinator** of Jump Rope for Heart and Hoops for Heart at Eastern District of AAHPERD. 2003-2004

Service at Slippery Rock University and Community

Committee / Organization Related Service

- ◆ University Level
 - SRU Strategic Plan Trend 3 Committee. Member, 09/2008-present
 - SRU Forum. Member, 09/2008-present
 - SRU APSCUF Negotiations Committee. Member, 09/2008-08/2009
 - **President** of Chinese Culture Association of SRU. 01/2008-01/2009
 - Reviewer for the 2009 Symposium for Student Research and Scholarship. 2009
 - Reviewer for the 2008 Symposium for Student Research and Scholarship. 2008
- ◆ College Level

- 2009 National Student Teacher Supervision Conference Committee. Member, 09/2008-05/2009
 - 2008 National Student Teacher Supervision Conference Committee. Member, 09/2007-05/2008
 - Diversity Committee. Member, 09/2008-present
 - Reviewer for undergraduate student research paper. 01/2008-present
 - PDS Cross Site Steering Committee. Member, 05/2007-present
 - Assessment committee. Member, 09/2007-08/2008
 - Disposition Committee. Member, 09/2004-08/2007
- ◆ Department Level
- Adviser for freshman. 08/2004-present
 - Physical Education Curriculum Committee. Member, 2004-present
 - Graduate Committee. Member, 2005-present
 - Social Committee. Member, 2004-present
 - Award Committee. Member, 2007-present
 - General pedagogy Search Committee, Member, 2008-2009
 - **Chair** of Exercise Physiology Search Committee. 2007-2008
 - Secondary PE Method Search Committee. Member, 2007-2008
 - **Chair** of Exercise Physiology Search Committee. 2006-2007
 - Physical Activity Search Committee. Member, 2006-2007
 - **Chair** of Teaching Center Sub-Committee. 2006-2007
 - Teaching Center Advisory Council Sub-Committee. Member, 2005-2006

Non-Committee Services

- ◆ University and Community Level
- Donation to SRU (the Campus Family Campaign), 2008
 - Guest speaker in Dr. Andrew Colvin's class. September, 2008
 - Teaching Tai Chi classes at Monaca School District, Beaver County, PA. 2008
 - Participating in SRU Teaching, Learning, Technology Roundtable activities. 2007-2008
 - Making continuous effort trying to developing exchange/collaborative relationship between SRU and a possible sister university in China. 9/2005-present
 - Participating in Asian Study Program activities. 9/2005-present
 - Representing the PE Department and the PETE program at the university Saturday Showcase. 2005, 2006, 2008
 - Assisting the Office of Diversity and Equal Opportunity in its employee recruitment efforts by attending Community Lunches. 2005-2007, 2009
 - Doing data entry and data analysis for Titusville Area School District, Tim McCord. 2005
- ◆ College Level
- Panelist for fall 2008 Action Research Celebration of Learning. 2008
 - Panelist for fall 2007 Action Research Celebration of Learning. 2007
- ◆ Department Level
- Donation to PE department foundation, 2008
 - Responsible for completing Assessment #5: Student Teaching Work Sample for NCATE evaluation. 2007-2008
 - Donation to Project Christmas Elf. 2007

- Participating Homecoming Cook Out. 2004, 2006, 2007 and 2008
- Responsible for completing Assessment #8: Guided Anecdotal Recording for NCATE evaluation. 2006-2007
- Assuming duties at the PE department's recruiting booth at the AAHPERD Convention, 2005 and 2007
- Guest speaker in Dr. Traci Zillifro's class. March, 2006
- Preparing and hosting a social dinner gathering for PE Department. April, 2005

Other Services

- ◆ Library committee at School of Education, The Sage Colleges. 2002-2004
- ◆ Diversity committee at School of Education, The Sage Colleges. 2002-2004
- ◆ Establishing and maintaining the professional journal exchange relationship between Editorial Department of Physical Education Journal in China and the Pedagogy Research Lab in the University of Georgia. 1999-2002
- ◆ Teaching Tai Chi at Georgia Physical Education Teacher Summer Workshop. 1999, 2000, and 2001
- ◆ Teaching Tai Chi at a Tai Chi Club, Malmö, Sweden. 1994

Working as Referees at National and International Track and Field Meets

- ◆ 1992 National Track and Field Meet of China, Wuhan, China, 1992
- ◆ The Track and Field Meet of the Fourth National University Games of China, Wuhan, China, 1992
- ◆ The First East Asian Junior Track and Field Meet, Beijing, China, 1991
- ◆ The Track and Field Meet of the Second National Junior Games of China, Tianjin, China, 1989
- ◆ Tianjin International Track and Field Meet, Tianjin, China, 1988
- ◆ National Track and Field Meet of China, Shenyang, China, 1988
- ◆ Awarded First Class Judge of Track and Field, China, 1985

SCHOLARSHIP

Publication: Book and Chapter

1. **Liu, W.** (2008). *Adolescents' physical activity levels and behaviors: Examined from perspective of field dependence-independence*. Saarbrücken, Germany: VDM Verlag Dr. Müller.
2. **Liu, W.** (2008). Field-Dependent Children: A less athletically skilled and less physically active subpopulation. In N. P. Beaulieu (Ed.), *Physical activity and children: New research* (pp. 155-175). Hauppauge, NY: Nova Science Publishers.

Publication: Refereed Articles (except one)

1. Wang, J., **Liu, W.**, & Moffit, J. (in press). Steps for arm and trunk actions of overhead forehand stroke used in badminton games across skill levels. *Perceptual and Motor Skills*.
2. Wang, J., **Liu, W.**, & Moffit, J. (in press). Skills and offensive tactics used in pick-up basketball games. *Perceptual and Motor Skills*.

3. Zeng, H. Z., Leung, R. W., **Liu, W.**, & Bian, W. (in press). Learning outcomes taught by three teaching styles in college fundamental volleyball classes. *Clinic Kinesiology*.
4. Zeng, H. Z., Leung, R. W., & **Liu, W.** (in press). Differences in coaching behaviors between individual and team sports at college varsity level. *Journal of Physical Education and Recreation*.
5. Zeng, H. Z., Leung, R. W., **Liu, W.**, & Hipscher, M. (in press). Physical education in urban high school class settings: Features and correlations between teaching behaviors and learning activities. *Physical Educator*.
6. **Liu, W.**, & Chepyator-Thomson, J. R. (2009). Field dependence-independence and physical activity engagement among middle school students. *Physical Education and Sport Pedagogy*, 14, 125-136.
7. Zeng, H. Z., Leung, R. W., & **Liu, W.** (2008). An examination of competitive anxieties and self-confidence among college varsity athletes. *Journal of Physical Education and Recreation*, 14(2), 6-12.
8. **Liu, W.**, Wang, J., & Xu, F. (2008). Middle school children's attitudes toward physical activity. *The ICHPER-SD (The International Council for Health, Physical Education, Recreation, Sport & Dance) Journal of Research*, 3(2), 78-85.
9. **Liu, W.**, & Chepyator-Thomson, J. R. (2008). Associations among field dependence-independence, sports participation, and physical activity level among school children. *Journal of Sports Behavior*, 31, 130-146.
10. **Liu, W.**, Wang, J., & Xu, F. (2008). Choices of after-school physical activity by middle school children. *The ICHPER-SD (The International Council for Health, Physical Education, Recreation, Sport & Dance) Journal of Research*, 3(1), 106-115.
11. **Liu, W.** (2007). Field dependence-independence and physical activity of black and white adolescents. *Perceptual and Motor Skills*, 104, 722-724.
12. **Liu, W.** (2006). Field dependence-independence and participation in physical activity by college students. *Perceptual and Motor Skills*, 102, 806-814.
13. **Liu, W.** (2006). A paradigm shift: From fitness focus to lifelong physical activity participation. *Pennsylvania Journal of Health, Physical Education, Recreation & Dance*, 76(4), 45-47.
14. **Liu, W.** (2003). Field dependence-independence and sports with a preponderance of closed or open skill. *Journal of Sports Behavior*, 26, 285-297.
15. Chepyator-Thomson, J. R., & **Liu, W.** (2003). Pre-service teachers' reflections on student teaching experiences: Lessons learned and suggestions for reform in PETE programs. *Physical Educator*, 60, 2-12.
16. **Liu, W.**, & Chepyator-Thomson, J. R. (2001). Improving student teaching experience in physical education: An analysis of pre-service teachers' perspective about student teaching. In M. K. Chin, L. D. Hensley, & Y. K. Liu (Eds.), *2000 International Conference for Physical Educators Proceedings: Innovation and application of physical education and sports science in the new millennium – an Asia-Pacific perspective* (pp. 221-228). China: The Hong Kong Institute of Education.

17. **Liu, W.**, & Si, G. (2001). Field-dependent students in physical education: Their limitations and the solution thereof. In M. K. Chin, L. D. Hensley, & Y. K. Liu (Eds.), *2000 International Conference for Physical Educators Proceedings: Innovation and application of physical education and sports science in the new millennium – an Asia-Pacific perspective* (pp. 237-247). China: The Hong Kong Institute of Education.
18. Chepyator-Thomson, J. R., & **Liu, W.** (2000). Prospective teacher's perspectives on student teaching experience. *Educational Research Journal*, *15*, 223-240.
19. Schempp, P., Dorgo, S., Hall, T., **Liu, W.**, & Smith, M. (2000). A review of curriculum scholarship in physical education (1998-2000): Analyzing innovations. *International Journal of Physical Education*, *37*, 84-93.
20. McCullick, B. A., & **Liu, W.** (2000). Physical education and sport in the United States: A contrast and comparison. *Journal of Physical Education*, (3), 123-128.
21. Apitzsch, E., & **Liu, W.** (1997). Correlation between field dependence-independence and handball shooting by Swedish national male handball players. *Perceptual and Motor Skill*, *84*, 1395-1398.
22. **Liu, W.** (1996). Review of recent Chinese research on field dependence-independence in high-level athletes. *Perceptual and Motor Skill*, *83*, 1187-1193.
23. **Liu, W.** (1994). The threshold and target zones for reducing heart disease risk and improving cardiovascular fitness. *China's Health Care*, (1), 9.
24. Zhang, H., & **Liu, W.** (1993). Design and experiment of feedback pattern in track and field teaching. *Journal of Wuhan Institute of Physical Education*, (Suppl.), 131-139.
25. **Liu, W.** (1993). Error measures of motor learning with target. *Journal of Wuhan Institute of Physical Education*, (2), 72-75.
26. **Liu, W.** (1993). Lumber lordosis and early diagnosis. *The Public Health*, (2), 8-9.
27. **Liu, W.**, & Li, Z. (1992). Principles of motor control – theory of open- and closed-loop systems. *Henan Sports Science*, (4), 15-18.
28. **Liu, W.**, & Li, Z. (1992). Why can sports movement go on automatically? *Public Psychology*, (5), 43-44.
29. **Liu, W.** (1992). Limited attention capacity and countermeasures in motor skill performance. *Journal of Wuhan Institute of Physical Education*, (3), 45-48.
30. **Liu, W.**, & Li, Z. (1992). Motor programs and motor control. *Hebei Sports Science*, (4), 9-12.
31. **Liu, W.**, & Li, Z. (1992). Comparison between two basic theories of motor learning and control. *Journal of Wuhan Institute of Physical Education*, (2), 69-72.
32. **Liu, W.** (1992). Measures and application of motor learning performance. *Sichuan Sports science*, (1), 12-16.

33. **Liu, W.** (1992). Research methods in graduation theses by college student majoring in physical education. *Research on Advanced Physical Education*, (2), 32-35.
34. **Liu, W.**, & Qiu, Z. Y. (1992). Relationship of cognitive styles and competitive sports. *Journal of Wuhan Institute of Physical Education*, (1), 37-41.
35. Li, W. G., & **Liu, W.** (1991). Investigation to physical education major student teaching. *Hubei University Sport*, (4), 4-7.
36. **Liu, W.** (1991). Kinetic resources of air rotating movements and regulative principles in high jump. *Anhui sports Science*, (4), 24-26.
37. **Liu, W.** (1991). Briefing of the First East Asian Junior Athletics Meet. *Information of Track and Field*, (3), 48.
38. **Liu, W.** (1991). A preliminary study of nerve types and field dependence-independence of Chinese male high jump masters of sports. *Acta Psychologica Sinica*, (1), 62-68.
39. **Liu, W.** (1990). The second design for the breaking line of the standard 400-meter track. *Hubei Sports Science*, (1), 42-43.
40. **Liu, W.** (1990). Field dependence-independence of Chinese elite male high jumpers. *Guide to Track and Field*, (3), 20-21, 37
41. **Liu, W.** (1988). Quiet nerve type and sport. *Henan Sports Science*, (6), 69-72.
42. **Liu, W.** (1988b). Nerve types of Chinese elite male high jumpers (2nd part). *Guide to Track and Field*, (8), 13-14.
43. **Liu, W.** (1988a). Nerve types of Chinese elite male high jumpers (1st part). *Guide to Track and Field*, (7), 13-15.
44. **Liu, W.** (1988). Field dependence-independence and high jump. *Public Psychology*, (4), 43-44.
45. **Liu, W.** (1988). Field dependence-independence of university high jumpers. *Psychological Sciences*, (2), 53-54, 63.
46. **Liu, W.** (1987). Excited nerve type and high level male high jump. *Shangdong Sports Science*, (4), 58-62.
47. Jiang, Z. B., & **Liu, W.** (1987). The focal points in teaching pole vault. *Hubei University Sports Science*, (4), 23-25.
48. **Liu, W.** (1986). Explication for classifying criterion and principle of nerve types of "80.8 Nerve Type Test". *Shangdong Sports Science*, (3), 54-57.
49. **Liu, W.** (1986). Analysis of high jumpers' psychological diathesis. *Track and Field*, (4), 25-26.

Publication: Refereed Research Abstracts

1. Zeng, H. Z., **Liu, W.**, & Hipscher, M. (2009). Urban School Physical Education Directors Perceptions of Physical Education [Abstract]. *Research Quarterly for Exercise and Sport*, 80(Suppl.), A-85.
2. Zeng, H. Z., Leung, R. W., Hipscher, M., **Liu, W.**, & Sylvester, P. (2009). Attitude toward physical education of urban high school students [Abstract]. *Research Quarterly for Exercise and Sport*, 80(Suppl.), A-85.
3. **Liu, W.**, Ajongbah, S., Zillifro, T., and Ruiz, M. (2009). Physical activity patterns of residential university students [Abstract]. *Research Quarterly for Exercise and Sport*, 80(Suppl.), A-96.
4. Huang, C., Gao, Z., Xiang, P., & **Liu, W.** (2009). Relationships between PE student teachers' efficacy beliefs and outcome expectancy [Abstract]. *Research Quarterly for Exercise and Sport*, 80(Suppl.), A-61.
5. Gao, Z., Xiang, P., & **Liu, W.** (2009). Effect of student teaching on pre-service physical education teachers' efficacy beliefs [Abstract]. *Research Quarterly for Exercise and Sport*, 80(Suppl.), A-57.
6. Xu, F., **Liu, W.**, & Schmidlein, R. (2009). Relations of physical activity and mental health in university students. [Abstract]. *Research Quarterly for Exercise and Sport*, 80(Suppl.), A-35.
7. Zeng, H. Z., **Liu, W.**, & Leung, R. (2008). Learning outcomes of three teaching styles in collegiate volleyball classes [Abstract]. *Proceedings of International Convention on Science, Education and Medicine in Sport* (Vol. I), 93-94. Guangzhou, China: People's Sports Publishing House.
8. Zeng, H. Z., **Liu, W.**, & Robinson, G. (2008). Competitive anxieties and self-confidences among NCAA Division III college varsity athletes. *Proceedings of International Convention on Science, Education and Medicine in Sport* (Vol. III), 221-222. Guangzhou, China: People's Sports Publishing House.
9. Wang, J., **Liu, W.**, & Bian, W. (2008). Perception on motives and constraints among regular pick-up basketball players. *Proceedings of International Convention on Science, Education and Medicine in Sport* (Vol. II), 203-204. Guangzhou, China: People's Sports Publishing House.
10. Zeng, H. Z., **Liu, W.**, & Hipscher, M. (2008). Comparison of coaching behaviors between individual sports and team sports [Abstract]. *Research Quarterly for Exercise and Sport*, 79(Suppl.), A-69.
11. Zeng, H. Z., Leung, R. W., Hipscher, M., & **Liu, W.** (2008). Examining teaching behaviors and learning activities in collegiate physical education classes [Abstract]. *Research Quarterly for Exercise and Sport*, 79(Suppl.), A-70.
12. **Liu, W.**, & Wang, J. (2007). Children's attitudes toward physical activity: Organized sports participants versus nonorganized sports participants [Abstract]. *Research Quarterly for Exercise and Sport*, 78, A-82.
13. Wang, J., & **Liu, W.** (2007). Performance patterns of regular players in pickup basketball game [abstract]. *Research Quarterly for Exercise and Sport*, 78, A-76.

14. **Liu, W.**, & Wang, J. (2007). Choices of after-school physical activity by middle school boys and girls [Abstract]. *Research Quarterly for Exercise and Sport*, 78, A-65.
15. **Liu, W.**, Peng, S., & Earl, K. (2006) Associations of body mass index with physical activity, television watching, and sports skill among middle school girls and boys [Abstract]. *Research Quarterly for Exercise and Sport*, 77(Suppl.), A-64.
16. **Liu, W.** (2005). Black and white adolescents: Their differences in field dependence-independence and physical activity involvement [Abstract]. *Research Quarterly for Exercise and Sport*, 76(Suppl.), A-106.
17. **Liu, W.**, & Chepyator-Thomson, J. R. (2005). Stability and enhancement of physical activity levels across 6th, 7th, and 8th graders: It is possible [Abstract]. *Research Quarterly for Exercise and Sport*, 76(Suppl.), A-82.
18. **Liu, W.** (2004). Sports skill and physical activity level among adolescents [Abstract]. In V. Klisouras (Ed.), *2004 Pre-Olympic Congress Proceeding: Volume II: Posters: Sport Science through the Ages* (p. 420). Thessaloniki, Greece: Aristotle University of Thessaloniki.
19. **Liu, W.** (2004). Field dependence-independence as measured by rod-and-frame test: A factor related to motor skill and ability [Abstract]. In V. Klisouras (Ed.), *2004 Pre-Olympic Congress Proceeding: Volume II: Posters: Sport Science through the Ages* (pp. 196-197). Thessaloniki, Greece: Aristotle University of Thessaloniki.
20. **Liu, W.**, & Chepyator-Thomson, J. R. (2004). Contribution of organized sports to physical activity level: A middle school as a case [Abstract]. *Research Quarterly for Exercise and Sport*, 75(Suppl.), A-72.
21. **Liu, W.**, & Chepyator-Thomson, J. R. (2004). Relations of field dependence-independence to adolescents' physical activity level [Abstract]. *Research Quarterly for Exercise and Sport*, 75(Suppl.), A-92.
22. **Liu, W.**, & Chepyator-Thomson, J. R. (2003). The differences in middle school children's physical activity level: from the perspective of field dependence-independence [Abstract]. *Research Quarterly for Exercise and Sport*, 74(Suppl.), A-48.
23. **Liu, W.** (1999). Field dependence-independence and sports with a preponderance of closed or open skills [Abstract]. *Proceedings of 1999 International Conference of Association for the Advancement of Applied Sport Psychology* (p. 70), Banff, Canada.

**Refereed Presentations at Conference of Professional Society
(*National, **International)**

1. *Zeng, H. Z., & **Liu, W.**, Hipscher, M (2009, April). *Urban School Physical Education Directors' Perceptions of Physical Education*. Poster session presented at 2009 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Tampa, FL.
2. *Zeng, H. Z., Leung, R. W., Hipscher, M., **Liu, W.**, & Sylvester, P. (2009, April). *Attitude toward physical education of urban high school students*. Poster session presented at 2009 National

Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Tampa, FL.

3. ***Liu, W.**, Ajongbah, S., Zillifro, T., & Ruiz, M. (2009, April). *Physical activity patterns of residential university students*. Poster session presented at 2009 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Tampa, FL.
4. ***Huang, C.**, Gao, Z., Xiang, P., & **Liu, W.** (2009, April). *Relationships between PE student teachers' efficacy beliefs and outcome expectancy*. Paper presented at 2009 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Tampa, FL.
5. ***Gao, Z.**, Xiang, P., & **Liu, W.** (2009, April). *Effect of student teaching on pre-service PE teachers' efficacy beliefs*. Paper presented at 2009 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Tampa, FL.
6. ***Xu, F.**, **Liu, W.**, & Schmidlein, R. (2009, April). *Relations of physical activity and mental health in university students*. Poster session presented at 2009 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Tampa, FL.
7. **Liu, W.**, & Bian, Wei. (2008, November). *Getting a simplified Tai Chi in your PE program: Benefits & practice*. Paper presented at 2008 Convention of Pennsylvania State Association for Health, Physical Education, Recreation and Dance, Pittsburgh, PA.
8. ****Zeng, H. Z.**, **Liu, W.**, & Leung, R. (2008, August). *Learning outcomes of three teaching styles in collegiate volleyball classes*. Poster session presented at 2008 International Convention on Science, Education and Medicine in Sport, Guangzhou, China.
9. ****Zeng, H. Z.**, **Liu, W.**, & Robinson, G. (2008, August). *Competitive anxieties and self-confidences among NCAA Division III college varsity athletes*. Paper presented at 2008 International Convention on Science, Education and Medicine in Sport, Guangzhou, China.
10. ****Wang, J.**, **Liu, W.**, & Bian, W. (2008, August). *Perception on motives and constraints among regular players of pick-up basketball games*. Poster session presented at 2008 International Convention on Science, Education and Medicine in Sport, Guangzhou, China.
11. **Liu, W.**, & Bian, W. (2008, April). *The simplified Tai Chi: A lifetime, health-enhancing activity*. Paper presented at mini-convention of Slippery Rock Association of Health, Physical Education, Recreation and Dance, Slippery Rock, PA.
12. ***Zeng, H. Z.**, **Liu, W.**, & Hipscher, M. (2008, April). *Comparison of coaching behaviors between individual sports and team sports*. Paper presented at 2008 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Fort Worth, TX.
13. ***Zeng, H. Z.**, Leung, R. W., Hipscher, M., & **Liu, W.** (2008, April). *Examining teaching behaviors and learning activities in collegiate physical education classes*. Poster session presented at 2008 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Fort Worth, TX.
14. ***Liu, W.**, Ajongbah, S., & Zeng, H. Z. (2008, January). *Physical education teacher education majors' motivations for physical activity by gender*. Paper presented at 2008 National Conference of

the National Association for Kinesiology and Physical Education in Higher Education, Albuquerque, NM.

15. ***Liu, W.**, Ajongbah, S., Wang, J., & Zeng, H. Z. (2008, January). *Physical activity amount and pattern of physical education teacher education majors*. Paper presented at 2008 National Conference of the National Association for Kinesiology and Physical Education in Higher Education, Albuquerque, NM.
16. ***Liu, W.**, & Wang, J. (2007, March). *Choices of after-school physical activity by middle school boys and girls*. Paper presented at 2007 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Baltimore, MD.
17. ***Liu, W.**, & Wang, J. (2007, March). *Children's attitudes toward physical activity: Organized sports participants versus non-organized sports participants*. Poster session presented at 2007 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Baltimore, MD.
18. ***Wang, J.**, & **Liu, W.** (2007, March). *Performance patterns of basketball game among regular pick-up game players*. Poster session presented at 2007 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Baltimore, MD.
19. ***Liu, W.** (2007, January). *Types of sport children participate in: Competitive sports versus lifetime sports*. Paper presented at 2007 National Conference of the National Association for Kinesiology and Physical Education in Higher Education, Clearwater Beach, FL.
20. ***Liu, W.** (2007, January). *Attitudes toward physical activity of sixth, seventh, and eighth graders: Examinations by grade and gender*. Paper presented at 2007 National Conference of the National Association for Kinesiology and Physical Education in Higher Education, Clearwater Beach, FL.
21. **Liu, W.** (2006, April). *Physical activity versus physical fitness: What's the trend in school PE programs and why?* Paper presented at mini-convention of Slippery Rock Association of Health, Physical Education, Recreation and Dance, Slippery Rock, PA.
22. ***Liu, W.**, Peng, S., & Earl, K. (2006, April). *Associations of body mass index with physical activity, television watching, and sports skill among middle school girls and boys*. Poster session presented at 2006 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Salt Lake City, UT.
23. ***Liu, W.**, Peng, S., & Chepyator-Thomson, J. R. (2005, October). *The prevalence of walking behavior of middle school students: Is it enough?* Poster session presented at the Walking for Health: Measurement and Research Issues and Challenges National Conference sponsored by the American College of Sports Medicine and the University of Illinois, Urbana-Champaign, IL.
24. ***Liu, W.**, Peng, S., & Earl, K. (2005, October). *Contribution of walking to middle school students' physical activity amount*. Poster session presented at the Walking for Health: Measurement and Research Issues and Challenges National Conference sponsored by the American College of Sports Medicine and the University of Illinois, Urbana-Champaign, IL.
25. **Liu, W.** (2005, April). *How is field dependence-independence related to sport and physical activity?* Paper presented at mini-convention of Slippery Rock Association of Health, Physical Education, Recreation and Dance, Slippery Rock, PA.

26. ***Liu, W.** (2005, April). *Black and white adolescents: Their differences in field dependence-independence and physical activity involvement*. Poster session presented at 2005 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Chicago, IL.
27. ***Liu, W.**, & Chepyator-Thomson, J. R. (2005, April). *Stability and enhancement of physical activity levels across 6th, 7th, and 8th graders: It is possible*. Poster session presented at 2005 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Chicago, IL.
28. ****Liu, W.** (2004, August). *Sports skill and physical activity level among adolescents*. Poster session presented at 2004 Pre-Olympic Congress. Thessaloniki, Greece.
29. ****Liu, W.** (2004, August). *Field dependence-independence as measured by rod-and-frame test: A factor related to motor skill and ability*. Poster session presented 2004 Pre-Olympic Congress. Thessaloniki, Greece.
30. ***Liu, W.**, & Chepyator-Thomson, J. R. (2004, April). *Contribution of organized sports to physical activity level: A middle school as a case*. Poster session presented at 2004 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, New Orleans, LA.
31. ***Liu, W.**, & Chepyator-Thomson, J. R. (2004, April). *Relations of field dependence-independence to adolescents' physical activity level*. Poster session presented at 2004 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, New Orleans, LA.
32. ***Liu, W.** (2004, January). *Field dependence-independence and adolescents' physical activity preferences: Differences between two groups*. Paper presented at 2004 National Conference of National Association for Physical Education in Higher Education, Clearwater Beach, FL.
33. ***Liu, W.** (2003, October). *The public-private partnership "2 plus 2" structure: An innovative in PETE program*. Poster session presented at the 2003 conference of NASPE National Physical Education Teacher Education, Baton Rouge, LA.
34. ***Liu, W.**, & Chepyator-Thomson, J. R. (2003, April). *The differences in middle school children's physical activity level: from the perspective of field dependence-independence*. Poster session presented at 2003 National Convention of the American Alliance for Health, Physical Education, Recreation and Dance, Philadelphia, PA.
35. ***Liu, W.**, & Hensley, L. D. (2003, January). *Differences in physical activity behaviors between field-dependent and field-independent college students*. Paper presented at 2003 National Conference of National Association for Physical Education in Higher Education, Long Beach, CA.
36. ****Liu, W.**, & Si, G. Y. (2000, July). *Field-dependent students' limitations in physical education and the solution thereof*. Poster session presented at 2000 International Conference for Physical Educators, Hong Kong, China.
37. ****Liu, W.**, & Chepyator-Thomson, J. R. (2000, July). *Improving student teaching experience in physical education: An analysis of pre-service teachers' perspective about student teaching*. Poster session presented at 2000 International Conference for Physical Educators, Hong Kong, China.

38. ****Liu, W.** (1999, September). *Field dependence-independence and sports with a preponderance of closed or open skills*. Poster session presented at the 1999 International Conference of Association for the Advancement of Applied Sport Psychology, Banff, Canada.
39. ****Liu, W.** (1994, July). *A review of recent Chinese research on field dependence-independence in elite athletes*. Paper presented at the 23rd International Congress of Applied Psychology, Madrid, Spain.
40. ****Liu, W.** (1994, March). *Competitive sports system and student sport in China*. Paper presented at the National Conference of the Swedish University Physical Education Teachers, Lund, Sweden.
41. ****Liu, W.** (1994, March). *Tai Chi and Health*. Paper presented at the National Conference of the Swedish University Physical Education Teachers, Lund, Sweden.
42. **Liu, W.** (1992, January). *Research methods in graduation theses by college student majoring in physical education*. Paper presented at conference of Physical Education Teaching and Sports Training in Wuhan. Wuhan, Hubei, China.
43. **Liu, W.** (1991, December). *Relationship of cognitive styles and competitive sports*. Paper presented at the conference of Hubei Province Sport Psychology, Wuhan, Hubei, China.

Non-Refereed Presentations
(International)**

1. **Liu, W., & Wei, B.** (2008, November). *Tai Chi for your elementary program*. Presentation made at Teaching Center Professional Development Day, Pittsburgh, PA
2. ****Liu, W., & Smith, J. L.** (2008, July). *Physical education teacher education curriculum and K-12 program in the United States*. Invited presentation at the Advanced Workshop of Faculty Development in Physical Education between China and the United States, Huazhong University, Wuhan, Hubei, China.
3. ****Smith, J. L., & Liu, W.** (2008, July). *Implementing an outdoor adventure education curriculum*. Invited presentation at the Advanced Workshop of Faculty Development in Physical Education between China and the United States, Huazhong University, Wuhan, Hubei, China.
4. ****Smith, J. L., & Liu, W.** (2008, July). *Current trends and future direction of outdoor adventure education in higher education*. Invited presentation at Zhongnan University of Economics and Law, Wuhan, Hubei, China.
5. ****Smith, J. L., & Liu, W.** (2008, July). *Current trends and future direction of outdoor adventure education in higher education*. Invited presentation at Wuhan University, Wuhan, Hubei, China.
6. ****Liu, W., & Smith, J. L.** (2008, July). *Lifetime participation in physical activity: An ultimate goal of health and physical education*. Invited presentation at Wuhan University of Technology, Wuhan, Hubei, China.

7. **Smith, J. L., & Liu, W. (2008, July). *Current trends and future direction of outdoor adventure education in higher education*. Invited presentation at Wuhan University of Technology, Wuhan, Hubei, China.
8. Liu, W. (2008, March). *Activity Monitor Project for First-Year Physical Education Majors*. Presentation at Teaching Learning and Technology Roundtable Meeting, Slippery Rock University, Slippery Rock, PA.
9. Bian, W., & Liu, W. (2008, February). *Tai Chi: Health and culture appreciation*. Presentation at Professional Development Day, Slippery Rock University, Slippery Rock, PA.
10. Liu, W. (2008, February). *How to become productive in research in a teaching university*. Presentation at Professional Development Day, Slippery Rock University, Slippery Rock, PA.
11. **Liu, W. (2005, June). *Physical education teacher education curriculum and lifetime physical activity participation in the US*. Invited presentation at Wuhan Institute of Physical Education, Wuhan, Hubei, China.
12. **Liu, W. (2005, May). *Physical education teacher education curriculum in the US: Slippery Rock University as an example*. Invited presentation at Central China Normal University, Wuhan, Hubei, China.

Funded Grant

1. Liu, W. (Project Director), Ajongbah, Stan. (2006, December). *Activity monitor project for first-year physical education majors*. Teaching, Learning and Technology Roundtable Grant, Slippery Rock University. \$2,647.

Research Awards

1. Selected to AAHPERD Research Consortium Fellow. 2007. (AAHPERD stands for American Alliance for Health, Physical Education, Recreation and Dance)
2. Selected as a research scholar to Sweden for one-year research by China government. 1993
3. Excellent Paper Award, issued by Association of Sport Science of Hubei province, China. 1992
4. Excellent Paper Award issued by Sport science Society of Wuhan city, China. 1992
5. Excellent Paper Award, issued by Sport Psychology of Hubei Province, China. 1991
6. Excellent Paper Award, issued by Association of Sport Science of Hubei Province, China. 1990
7. Excellent Paper Award, issued by Association of Sport Science of Hubei Province, China. 1989

Professional Memberships

1. American Alliance for Health, Physical Education, Recreation and Dance. 1998-present
2. International Council for Health, Physical Education, Recreation, Sport and Dance. 2001-present
3. American College of Sport Medicine. 2006-present
4. American Educational Research Association. 2001-2003
5. Association for the Advancement of Applied Sport Psychology. 2001-2002
6. International Honor Society and Professional Association in Education. 2000-2002
7. China Physical Education and Sport Science Association. 1989-1994