

# Zhujun Pan, Ph.D.

Assistant Professor  
 Department of Kinesiology  
 Mississippi State University  
 241 McCarthy Gymnasium, Mississippi State, MS 39762  
 Phones: (662) 202-7977; Fax: (662) 325-4525; Email: [zp147@msstate.edu](mailto:zp147@msstate.edu)

## ACADEMIC RECORD:

- Doctor of Philosophy**      Louisiana State University, Baton Rouge, LA  
 (2009 - 2014)              Department of Kinesiology  
    Concentration: Movement Science  
    Dissertation: The control of amplitude and direction in bimanual coordination
- Master of Education**      Capital Institute of Physical Education, Beijing, China  
 (2006 - 2009)              Department of Kinesiology  
    Concentration: Applied Psychology  
    Thesis: Timing Perception Characteristics under stress: An ERPs Study
- Bachelor of Engineering**      SouthWest JiaoTong University, Chengdu, SC, China  
 (2001 - 2005)              College of Engineering  
    Major: Electronic Engineering

## EMPLOYMENT HISTROY:

- Assistant Professor**                      Mississippi State University  
 Jan. 2015 – present                      Department of Kinesiology  
    Concentration: Movement Science
- Graduate Teaching Assistant**              Louisianan State University  
 Aug. 2009 – May. 2014                      School of Kinesiology  
    Concentration: Movement Science
- Graduate Research Assistant**              Capital Institute of Physical Education, China  
 Sep. 2006 – Jul.2009                      Department of Kinesiology  
    Concentration: Applied Psychology

## **RESEARCH INTERESTS**

- Neural motor control: motor and hemispheric asymmetry in geriatric populations
- Occupational health and safety: application of movement science and neuroscience on safety
- Exercise to special populations for quality of life: healthy body, sharp mind and positive emotion

## **PEER-REVIEWED JOURNAL ARTICLES**

### **Original Research**

#### **† Indicates student mentored project**

1. † MTehrani, B., Wang, J.\* , Fang, Q., **Pan, Z.**, & Truax, D. Assessment of Workers' Mental Fatigue in Construction Activities using Electroencephalography (EEG). (*The Journal of Engineering, Construction and Architectural Management, In-Revision*)
2. † **Pan, Z.\***, Talwar, S., Liu, K., Fang, Q., Ryuh, Y-J., Choi, P., Hou, L., Huang, M., Chen, CC., Lamberth, J. Tai Chi and BINGO Improve Hand Function of Older Women. (*Translational Journal of the American College of sports Medicine, In-Review*)
3. † Ryuh, Y.J\*, Chen, C.-C. (JJ), Conners, Fran., Lamberth, J., and **Pan, Z.** The Effect of Acute Bout of Moderate-Intensity Aerobic Exercise on Visuospatial Working Memory and Motor Learning of a Golf Putting Task. (*The Journal of Sport, Exercise, and Performance Psychology, In-Review*)
4. † Kodithuwakku Arachchige, S. N. K., Chander, H.\* , Knight, A. C., Chen, C.-C., **Pan, Z.**, & Turner, A. J. (2020). Impact of foot arch type and minimalist footwear on static postural stability. *Footwear Science*, 1–11. <https://doi.org/10.1080/19424280.2020.1791976> (Impact factor: 0.37)
5. † Ryuh, Y.J.\* , Chen, C.-C. (JJ), **Pan, Z.**, Gadke, D.L., Elmore-Staton, L.S., Pan, C.-Y., & Cosgriff. (2019, Accepted- in press). Promoting Physical Activity through Exergaming in Young Adults with Intellectual Disabilities: A Pilot Study. *International Journal of Developmental Disabilities*. 1-7 <https://doi.org/10.1080/20473869.2019.1605771> (Impact factor: 0.500)
6. † Smith, W, Chen, C.-C. (JJ)\* , Ryuh, Y.J, **Pan, Z.**, Gadke, D.L., Elmore-Staton, L.S., Pan, C.-Y., & Cosgriff, A. (2019). Effects of Exergaming on Mental Health and Manual Motor Function in Young Adults with Intellectual Disabilities: A Pilot Study. *The Mississippi Association for Health, Physical Education, Recreation and Dance (MAHPERD) Journal*. 6(1), 12-20 (Impact factor: N/A)
7. **Pan, Z\***, Talwar, S., Plamondon, R., & Van Gemmert, A. W. A. (2019) Characteristics of Bi-Directional Unimanual and Bimanual Drawing Movements: The application of the Delta-Lognormal Models and Sigma-Lognormal Model. *Pattern Recognition Letters*. 121, 97-103 <https://doi.org/10.1016/j.patrec.2018.05.008> (Impact factor: 2.164)
8. **Pan, Z\*.**, & Van Gemmert, A. W. A. (2018) The Control of Amplitude and Direction in a Bimanual Coordination task. *Human Movement Science*, S0167-9457(17)30944-2 <https://doi.org/10.1016/j.humov.2018.03.014> (Impact factor: 2.186)

9. Aiken, C. A\*., **Pan, Z.**, & Van Gemmert, A. W. A. (2017) The Effects of A Two-Step Transfer on A Visuomotor Adaptation Task. *Experimental Brain Research*, 235(11), 3459-3467  
<https://doi.org/10.1007/s00221-017-5071-8> (Impact factor: 2.183)
10. Hou, L., Song, Z., **Pan, Z.**, Cheng J., Yu Y., & Wang J\*. (2016) Decreased Activation of The Subcortical Brain Areas in Motor Fatigue State: An fMRI Study. *Frontiers in Psychology*, 7, 1154  
<https://doi.org/10.3389/fpsyg.2016.01154> (Impact factor: 2.321)
11. **Pan, Z.**, & Van Gemmert, A. W. A.\* (2016) Peripheral Neuropathy Reduces Asymmetries in Inter-Limb Transfer in A Visuo-Motor Task. *Laterality: Asymmetries of Body, Brain and Cognition*, 21(3), 255-66  
<https://doi.org/10.1080/1357650X.2015.1134563> (Impact factor: 1.267)
12. Aiken, C. A., **Pan, Z.**, & Van Gemmert, A. W. A.\* (2015) Limb-Dominance and Its Effects on The Benefits of Intralimb Transfer-of-Learning A Visuo-Motor Aiming Task. *Journal of Motor Behavior*, 47, 509-521  
<https://doi.org/10.1080/00222895.2015.1017039> (Impact factor: 1.327)
13. **Pan, Z.**, & Van Gemmert, A. W. A.\* (2013) The Effects of Aging on the Asymmetry of inter-limb transfer in a Visuo-Motor Task. *Experimental Brain Research*, 229 (4), 621-633.  
<https://doi.org/10.1007/s00221-013-3625-y> (Impact factor: 2.183)
14. **Pan, Z.**, & Van Gemmert, A. W. A.\* (2013) The Direction of Bilateral Transfer Depends on the Performance Parameter. *Human Movement Science*, 32(5), 1070-1081  
<https://doi.org/10.1016/j.humov.2012.02.013> (Impact factor: 2.186)
15. Yin, X\*., & **Pan, Z.** (2008) A Study of Home Advantage on Event Group of Olympic Items. *Journal of Wuhan Institute of Physical Education*, 42(10), 62 – 66. (Impact factor: N/A)

#### **Review Articles**

1. † Fang, Q., Wang, J., Van Gemmert, A. W. A., Aiken, C. A., MTehrani, B., Brown, S., and **Pan, Z.\***. A Systematic Review and Meta-Analysis on Event-Related Potential Components During Driving to Improve Traffic Safety. (*The Journal of Frontiers in Human Neuroscience, Accepted*)
2. † Hill, C, Van Gemmert, A. W. A., Hou, L., Fang, Q., and **Pan, Z\***(2020). Asymmetry in the Aging Brain: A Narrative Review of Cortical Activation Patterns and Implications for Motor Function. *Journal of Laterality: Asymmetries of Body, Brain and Cognition*, , 25 (4), 413-429  
<https://doi.org/10.1080/1357650X.2019.1707219> (Impact factor: 1.267)
3. † Fang, Q., Aiken, C. A., Fang, C., & **Pan, Z\***. (2019). The Impacts of Exergames on Physical and Cognitive Behaviors in Individuals with Autism Spectrum Disorder (ASD): A Systematic Review. *Games for Health Journal*. 8(2), 74-84 <https://doi.org/10.1089/g4h.2018.0032> (Impact factor: 1.876)
4. **Pan, Z\***, Su, X., Fang, Q., Hou, LJ., Lee, Y., Chen, CC, Lamberth, J., & Kim, ML. (2018) The Effects of Tai Chi Intervention on Healthy Elderly by Means of Neuroimaging and EEG: A Systematic Review. *Frontiers in Aging Neuroscience*, 18;10:110 <https://doi.org/10.3389/fnagi.2018.00110> (Impact factor: 4.504)
5. Zou, L\*., Huang, T., Tsang, T., **Pan, Z.**, Wang, C., Liu, Y., Sun, L., & Wang, H. (2018) Hard Martial Arts for Cognitive Function Across the Lifespan: A Systematic Review. *Archives of Budo*, 14  
<http://archbudo.com/view/abstract/id/11861> (Impact factor: 1.506)
6. Zou, L\*., **Pan, Z.**, Yeung, A., Talwar, S., Wang, C., Liu, Y., Shu, Y., Chen, X., & Thomas G.A. (2017) A Review Study on the Beneficial Effects of Baduanjin. *Journal of Alternative and Complementary Medicine*, 00, 1-12 <https://doi.org/10.1089/acm.2017.0241> (Impact factor: 1.622)

**PEER-REVIEWED CONFERENCE PROCEEDINGS AND PRESENTATIONS:**

1. MTehrani, B., Wang, J., & **Pan, Z.** (2020) Assessment of Worker Mental Workload using Electroencephalography (EEG) for Fall Hazard Prevention. *2020 Construction Research Congress (CRC)*
2. Kodithuwakku Arachchige, SNK., Chander, H., Knight, AC., Chen, C., **Pan, Z.**, Turner, AJ. (2020) Impact of foot type and minimalist footwear on static postural stability. *Mid-South Biomechanics Conference (MSBC)*
3. Turner, AJ, Chander, H., Knight, AC., Chen, C., **Pan, Z.**, & Kodithuwakku Arachchige, SNK. (2020) Hydrotherapy vs. Land Based Exercises on Dual Task Dynamic Balance in A Geriatric Population. *Southeast Chapter of American College of Sportsmedicine (SEACSM)*
4. Fang, Q., Aiken, C. A., Van Gemmert, A. W. A., Xu, J. & **Pan, Z.** (2019) Ageing reduces performance asymmetry between the hands in force production and manual dexterity. *19<sup>th</sup> Conference of the International Graphonomics Society (IGS)*
5. Talwar, S., Chen, C., Lamberth, J., Ryuh, Y., Choi, P., Hommel M., & **Pan, Z.** (2019) Effects of Tai Chi Exercise versus BINGO on Fine Motor Functions in Older Adults. *American College of Sportsmedicine (ACSM)*
6. Talwar, S., Chen, C., Lamberth, J., Ryuh, Y., Choi, P., Hommel M., & **Pan, Z.** (2018) Effects of Tai Chi Exercise versus BINGO on Fine Motor Functions in Older Adults. *Midwest Chapter of American College of Sportsmedicine (MWACSM)*
7. Su, X., **Pan, Z.**, McWhirter, K., Fang, Q., Hou, L., Chen, C-C., Lee, Y., & Kim, M. (2018) THE Effects of Tai Chi Intervention on Healthy Elderly By Means Of Neuroimaging and EEG. *Southeast Chapter of American College of Sportsmedicine (SEACSM)*
8. Fang, Q., Talwar, S., Swain, J., Shinn, J., Lamberth, J., Liu, K., Huang, M., & **Pan, Z.** (2018) Comparison of Gross Motor Function among Different Age Groups of the Older Adult Population Residing in Independent Living. *Southeast Chapter of American College of Sportsmedicine (SEACSM)*
9. Choi, P., Talwar, S., Key, J., Hartmann, K., Bass, M., Chen, C-C., **Pan, Z.** (2018) The Relationship among Manual Dexterity, Upper and Lower Extremity Strength in Older Adults Residing in Independent Living. *Southeast Chapter of American College of Sportsmedicine (SEACSM)*
10. Ryuh, Y., Talwar, S., McBeth, J., McWhirter, K., Siosin, N., Chen, C-C., & **Pan, Z.** (2018) Comparison of Upper Extremity Strength among Different Age Groups of the Older Adult Population. *Southeast Chapter of American College of Sportsmedicine (SEACSM)*
11. Talwar, S., Hommel, M., Ross, K., Pate, T., Hunt, A, Lamberth, J., Liu, K., & **Pan, Z.** (2018) Relationship of Fine Motor Functions and Fundamental Memory and Cognitive Functions in Older Adults. *Southeast Chapter of American College of Sportsmedicine (SEACSM)*

12. Huang M, Dai XL, **Pan Z**, Fang Q, Adah F, Barnes L, and Benghuzzi H. (2018) Cardiovascular Responses Following Different Types of Breathing Exercises. 34<sup>th</sup> Southern Biomedical Engineering Conference (SEBC)
13. Talwar, S., **Pan, Z.**, Plamondon, R., & Van Gemmert, A. W. A. (2017). Characteristics of bidirectional unimanual and bimanual drawing movements. *18<sup>th</sup> Conference of the International Graphonomics Society (IGS)*.
14. Miller, B.L., Simpson, J.D., Swain, M.T., Pace, R.K., Lowell, R.K., **Pan, Z.**, Knight., A.C., & Chander, H. (2017). The effects of minimalist footwear and fatigue on static balance. *Southeast Chapter of American College of Sportsmedicine (SEACSM)* (poster No. P52).
15. Talwar, S., **Pan, Z.**, Plamondon, R., Bidas, S., Martin, A., & Van Gemmert, A. W. A. (2017). Comparing movement properties of unimanual and bimanual movements. *Southeast Chapter of American College of Sportsmedicine (SEACSM)* (poster No. P204).
16. **Pan, Z.**, & Van Gemmert, A. W. A. (2016) The effects of Parkinson's disease on spatial interference in a bimanual coordination task. *North American Society for The Psychology of Sport and Physical Activity (NASPSPA)*.
17. Hickey, K. M., **Pan, Z.**, Simon, B. A., Thibodeaus, K. S., & Van Gemmert, A. W. A. (2014). The effects of age on spatial interference in a bimanual coordination task. *Society for Neuroscience* (program No.170.12/LL14).
18. Aiken, C. A., **Pan, Z.**, & Van Gemmert, A. W. A. (2014). The limit of effector independence: Transfer of a motor skill does not occur when a two-step transformation is required. *North American Society for The Psychology of Sport and Physical Activity (NASPSPA)*.
19. Aiken, C. A., **Pan, Z.**, & Van Gemmert, A. W. A. (2013). Transfer occurs within the same limb when a learned skill requires the use of different muscles to perform the task. *Journal of Sport & Exercise Psychology, 35(Suppl.), S16*
20. Aiken, C. A., **Pan, Z.**, & Van Gemmert, A. W. A. (2012). Control of visuo-motor aiming task transfers within the dominant upper limb. *Society for Neuroscience* (Program No. 679.14).
21. **Pan, Z.**, & Van Gemmert, A. W. A. (2012). Parkinson's disease patients may attend to benefits related to smoothness and efficiency in bilateral transfer of learning. *Society for Neuroscience* (Program No. 755.12)
22. Hondzinski, J. M., Li, L., **Pan, Z.**, Prejean, P., & Van Gemmert, A. W. A. (2012) Movement excursion explains associations between gross and fine motor functions in older adults with and without Parkinson's disease. *Journal of Sport & Exercise Psychology, 34 (Suppl.), S142*

23. Van Gemmert, A.W.A., Li, L., Prejean, P., **Pan, Z.**, Hondzinski, J. M. (2012) Long-term Tai Chi participation benefits fine motor skill function of Parkinson's disease patients. *Journal of Sport & Exercise Psychology*, 34 (Suppl.), S88-S89
24. **Pan, Z.**, & Van Gemmert, A. W. A. (2011). Aging reduces learning benefits as result of bilateral transfer. *The International Society of Motor Control: Recent Advances in Neural, Computational and Dynamical Approaches* (pp.24). U of Cincinnati, Cincinnati, OH. USA
25. **Pan, Z.**, & Van Gemmert, A. W. A. (2011). Improvements of Movement Performance as Result of Bilateral Transfer of Learning. In E. Grassi and J. L. Contreras-Vidal (Eds.), *proceedings of the 15<sup>th</sup> Conference of the International Graphonomics Society* (pp.59-62).
26. Prejean, P., **Pan, Z.**, Harrison, J., Van Gemmert, A. W. A., Li, L., & Hondzinski, J. M. (2011). Potential benefits of long-term limited Tai Chi training for Parkinson's patients. *Journal of Sport & Exercise Psychology*, 33 (Suppl.), S102-S103
27. **Pan, Z.**, & Van Gemmert, A. W. A. (2010). The Asymmetry of Bilateral Transfer of a Visuo-motor Rotated Aiming Task. *Society for Neuroscience* (program No. 293.6)

#### **RESEARCH GRANTS AND FUNDING:**

##### **External Grant:**

1. **Civil Money Penalty Grant (CMP), Centers for Medicare & Medicaid Services (CMS) (2020-2023)**  
**Pan, Z.**, Chen, CC., Lamberth, J., White, A. Bingocize®: An evidence-based health promotion program to improve the quality of life of Mississippi certified nursing facility residents  
 Role: PI; Funding: \$360,928.00; Status: funded
2. **National Institute for Occupational Safety and Health (NIOSH R03) (2020-2022)**  
 Wang, J., & **Pan, Z.** Assessment of Mental Fatigue of Workers in Construction Activities to Enhance Situational Awareness and Prevent Safety Hazards  
 Role: co-PI; Funding: \$133,536.00; Status: In-review
3. **Blue Cross & Blue Shield of Mississippi Foundation (2019-2020)**  
**Pan, Z.**, Chen, CC., Lamberth, J. Bringing Tai Chi to Mississippi's Aging Population for Healthy Body and Positive Emotion  
 Role: PI; Funding: \$15,000.00; Status: Not Funded
4. **Global Research Network Grant, Korean National Research Foundation (NRF-2017S1A2A2039405) (2017-2021)**  
 Kim, ML., Lee, Y., Chen, CC., & **Pan, Z.**  
 Role: International Collaborator; Funding: \$300,000.00; Status: Funded

5. **Ralph E. Powe Junior (ORAU Jr.) Faculty Enhancement Award (2017)**

**Pan, Z.** Effects of Tai Chi Exercise Intervention on Fine and Gross Motor Skills in Older Adults Residing in An Independent Living Facility.

Role: PI; Funding: \$10,000.00; Status: Not Funded

6. **The Society of Health and Physical Educators (SHAPE) America (2016-2017)**

Chen CC, **Pan, Z.**, Acute affective and cortical response to exercise in obese adults

Role: co-PI; Funding: \$5,000.00; Status: Not Funded

**Internal Grant:**

1. **MSU ORED Undergraduate Research Program Grant (2019-2020)**

**Pan, Z.**, Chen, CC., Lamberth, J., Wang, J., Lee, y., & lim, S. Bringing Tai Chi to Mississippi's Aging Population for Healthy Body and Positive Emotion

Role: PI; Funding: \$2,000.00; Status: Funded

2. **Carnegie Foundation Community Engaged Research Award, MSU (2018-2019)**

**Pan, Z.**, Lamberth, J., Chen, CC., Lee, Y., & Lim, Y. Bringing Tai Chi to Mississippi Ageing population.

Role: PI; Funding: \$5,000.00; Status: Funded

3. **MSU College of Education Undergraduate Research Grant (2017-2018)**

**Pan, Z.**, Chen, CC., Chander, H., Knight, AC., Lamberth, J., & Huang, M. The Effect of Vision on Variety of Balance Measures in Elderly Adults with and without Parkinson's disease.

Role: PI; Funding: \$2,000.00; Status: Funded

4. **MSU College of Education Undergraduate Research Grant (2017-2018)**

Chen CC, **Pan, Z.**, & Lee, Y. The Impact of Inclusive Soccer Program on Health and Well-being in Young Adults with Intellectual Disabilities.

Role: co-PI; Funding: \$2,000.00; Status: Funded

7. **The Southeastern Conference Visiting Faculty Travel Grant Program (2017)**

**Pan, Z.**, Lamberth, J., & Huang, M. Effects of Tai Chi Exercise Intervention on Fine and Gross Motor Skills in Older Adults Residing in An Independent Living Facility.

Role: PI; Funding: \$1,428.00; Status: Funded

5. **MSU College of Education Undergraduate Research Grant (2016-2017)**

Chen CC, **Pan, Z.**, Gadke, D.L., & Elmore-Staton, L.S. Study of exergaming to improve motor functions and sleep behavior in young adults with intellectual disabilities

Role: co-PI; Funding: \$2,000.00; Status: Funded

6. **MSU College of Education Undergraduate Research Grant (2016-2017)**

Harich, C., Knight, A., & **Pan, Z.** Impact of Occupational Footwear and Workload on Human Balance and Muscular Exertion

Role: co-PI; Funding: \$2,000.00; Status: Not Funded

7. **MSU IWGG (International Working Group Grant) (2015)**

Chen CC, **Pan, Z.**, Gadke, D.L., & Elmore-Staton, L.S. Physical Activity and Health in Autism

Role: co-PI; Funding: \$2,500.00; Status: Funded

8. **MSU IWGG (International Working Group Grant) (2015)**

**Pan, Z.**, Chen, CC., Pratte, M., & Hou, L. Asymmetries and Aging: Links to age-related reduction of motor and hemispheric asymmetry

Role: PI; Funding: \$5,000.00; Status: Not Funded

9. **LSU James J. Corbett Graduate Summer Research Award (2013, 2014)**

**Pan, Z.**, & Van Gemmert A.W.A., Using Delta-lognormal model comparing unimanual and bimanual movements

Role: student PI; Funding: \$4,000.00; Status: Funded

10. **LSU Lillian Oleson Scholarship (2011, 2012, 2013)**

**Pan, Z.**, & Van Gemmert A.W.A., Effects of aging on inter-limb transfer of learning

Role: Student PI; Funding: \$6,000.00; Status: Funded

11. **LSU Life Course and Aging Center Research Scholarship (2009-2013)**

**Pan, Z.**, & Van Gemmert A.W.A., Effects of Parkinson's disease and Peripheral Neuropathy on inter-limb transfer of learning

Role: Student PI; Funding: \$12,000.00; Status: Funded

**MENTORSHIP:**

1. Qun Fang – PhD Student (Committee Chair) – placement: Assistant Professor, Qingdao University, China
2. Debra Watson – PhD Student (Committee Chair)
3. Saira Talwar – Master Student (Committee Chair)
4. Jeffery Simpson - PhD Student (Committee Member) - Assistant Professor, University of West Florida
5. Yonjoong Ryuh - PhD Student (Committee Member) - Assistant Professor, Sonoma State University
6. Troy Allred - Master Student (Committee Member)
7. Nathan Majnaric - Master Student (Committee Member)



**PEER-REVIEW SERVICE:****Journals:**

1. *Geriatrics and Gerontology International*
2. *International Journal of Environmental Research and Public Health*
3. *Journal of Neuropsychology*
4. *Journal of Mindfulness*
5. *Journal of Clinical Medicine*
6. *International Journal of Therapy and Rehabilitation*
7. *Frontiers in Aging Neuroscience*
8. *Nutritional Neuroscience*
9. *British Medical Journal (Open)*
10. *Research Quarterly for Exercise and Sports*
11. *Pattern Recognition Letters*
12. *Laterality: Asymmetries of Body, Brain and Cognition*
13. *The Journal of Sports Medicine and Physical Fitness*
14. *Therapeutic Advances in Neurological Disorders.*

**Conferences:**

1. International Chinese Society for Physical Activities and Health (ICSPAH), 2017, 2019
2. International Graphonomics Society (IGS), 2017, 2018

**AWARDS AND MEDIA COVERAGE:**

1. **Media Coverage, “Kinesiology Professor Awarded Inaugural Excellence in Community Engagement Award with Tai Chi Project”, 2019**  
Recognized for outstanding community-engaged research accomplishments for elderly in Mississippi  
<https://www.educ.msstate.edu/news/kinesiology-professor-awarded-inaugural-excellence-community-engagement-award-tai-chi-project/>
2. **Media Coverage, “MSU announces Community Engagement Award honorees”, 2018**  
Recognized for outstanding community-engaged research accomplishments for elderly in Mississippi  
<https://www.msstate.edu/newsroom/article/2018/11/msu-announces-community-engagement-award-honorees/>
3. **Media Coverage, “MSU Kinesiology Brings Tai Chi to Older Adults in Independent Living”, 2018**  
Forward Magazine Vol 3 in 2018 by College of Education at MSU, page 36.
4. **Graduate Scholar, American Kinesiology Association (AKA), 2013**  
Recognized for outstanding academic and leadership accomplishments. Honored for the commitment to promoting and enhancing kinesiology as a unified field of study.
5. **Media Coverage, “LSU Taichi has positive effects on Parkinson’s disease”, 2011**  
Recognized for outstanding community services and research accomplishments for older adults and individuals with Parkinson’s disease.  
[https://web.archive.org/web/20170210123844/http://www.lsu.edu/departments/gold/2013/01/taichi\\_research.shtml](https://web.archive.org/web/20170210123844/http://www.lsu.edu/departments/gold/2013/01/taichi_research.shtml)

**COMMITTEE SERVICE:**

University committee: Faculty Council, Diversity Committee

Department committee: Academic culture committee, Public Relation Committee, Curriculum Committee to develop MS in Disability Study

Community service: Trinity Place Retirement Community, Columbus, MS; The Claiborne at Adelaide assisted living & memory care home, Starkville, MS; BeeHive assisted living & memory care home, Starkville, MS; Carrington Nursing Center, Starkville, MS

**PROFESSIONAL SERVICE**

Program committee: International Graphonomics Society (IGS)	<b>2017, 2019</b>
New undergraduate Division: Neuromechanics	<b>2015-2017</b>
New master's concentration: disability study	<b>2015-2017</b>
Academic culture committee	<b>2015-2017</b>
Public Relation Committee	<b>2015-2017</b>

**PROFESSIONAL AFFILIATIONS**

International Graphonomics Society (IGS)	<b>2017</b>
North American Society for Psychology of Sport and Physical Activity (NASPSPA)	<b>2015 - present</b>
Society for Neuroscience (SfN)	<b>2010, 2012</b>
The International Society of Motor Control (ISMC)	<b>2011</b>
Gerontological Society of America (GSA)	<b>2010</b>