

**JEMIN KIM**  
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Louisiana State University Shreveport  
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## **EDUCATION**

Ph.D. 2018 Kinesiology (Biomechanics & Motor Behavior) – Texas Woman’s University, TX, USA

MS 2005 Dance and Fine Arts- SeJong University, Seoul, Korea

BS 2001 Dance and Fine Arts– SeJong University, Seoul, Korea

## **EMPLOYMENT**

2022 - Current Assistant Professor (Tenure-track), Department of Kinesiology & Health Science, Shreveport, Louisiana State University Shreveport, USA

2019 - 2022 Assistant Professor (Tenure-track), Department of Kinesiology, Las Cruces, New Mexico State University, USA

2018 - 2019 Postdoctoral, Research Associate, Department of Health Promotion & Kinesiology, Biomechanics & Motor Behavior, Denton, Texas Woman’s University, USA

2014 - 2017 Graduate Teaching (Research) Assistant, Denton, Texas Woman’s University, USA

2008 - 2008 Physical Therapy Center (Internship), Dong-Shin Hospital, Seoul, Korea

2000 - 2008 Dancing master, The Korean Ballet Theatre, Seoul, Korea

2003 - 2004 Chief Manager, The Korean Society of Dance, Seoul, Korea

2003 - 2004 Adjunct Instructor, SeJong University, Seoul, Korea

2003 - 2003 Adjunct Instructor, KookMin University, Seoul, Korea

## **TEACHING**

### **Courses Taught at Louisiana State University Shreveport**

2022 - current KHS 201 – Medical Terminology / Instructor  
KHS 230 – Research, Measurement & Evaluation Exercise and Sports Medicine / Instructor  
KHS 312 – Health Aspects of Aging / Instructor  
KHS 325 – Biomechanics / Instructor  
KHS 325L – Biomechanics Lab/ Instructor  
KHS 326 – Anatomical Kinesiology / Instructor  
KHS 340 – Motor Behavior / Instructor  
KHS 440 – Prevention & Treatments of Athletic Injury / Instructor  
KHS 491 – Senior Seminar / Instructor

HPE 143 – Physical Fitness & Wellness / Instructor

### **Courses Taught at New Mexico State University**

- 2019 - 2022      **Undergraduate Courses**  
SPMD 3450M – Applied biomechanics/ Instructor  
SPMD 3450L – Applied biomechanics (lab)/ Instructor  
DANC 1110G – Dance Appreciation/ Instructor  
**Graduate Courses**  
SPMD 5410 – Advanced biomechanics/ Instructor  
SPMD 6996 – Special Topic; Biomechanical analysis-I/ Instructor  
SPMD 6996 – Special Topic; Biomechanical analysis-II/ Instructor

### **Courses Taught and Graduate Assistant at Texas Woman’s University**

- 2016 - 2017      KINS 3591 - Teaching Assistant /Kinesiology & Biomechanics Lab /  
Instructor  
2016 - 2017      Graduate Teaching (Research) Assistant: department of reading  
READ 5453 - Teaching Assistant/ Process & Strategies for  
comprehending texts  
READ 6533 - Teaching Assistant/ Foundation of Reading  
READ 6913 - Teaching Assistant/ Independent Study  
READ 5463 - Teaching Assistant/ Practicum Analysis Teaching and  
Mentoring  
READ 6693 - Teaching Assistant/ Literacy Leadership & Policy  
2014 – 2015      KINS 3593 - Teaching Assistant (Internship)/Biomechanics of Human  
body & motion  
KINS 3591 - Teaching Assistant (Internship)/Kinesiology &  
Biomechanics Lab

### **Courses Taught at Sejong University & Kookmin University**

- 2003 - 2004      Ballet Class, Social Education Center - Sejong University, Seoul, Korea  
/ Instructor  
2003 - 2003      Ballet Class, Arts Performing Center - KookMin University, Seoul,  
Korea/ Instructor

### **PROFESSIONAL CERTIFICATION/LICENSURE**

- 2018              Kwon’s Golf Biomechanics Instructor Training Program (Level 2-  
Applied) Certificate  
2015              Kwon’s Golf Biomechanics Instructor Training Program (Level 1-  
Fundamental) Certificate  
2014              American Heart Association (AHA), BLS for Healthcare Providers  
certificate  
2011              Heart saver First Aid CPR & AED, American Heart Association

2009 The national institutes of Health (NIH), Extramural research certifies  
2004 Russia Vaganova Ballet Teaching Method, Universal Ballet Theatre in  
Seoul, Korea, Certificate of Russia Vaganova teaching Method 1 to 6  
levels

### **FUNDING**

2023 College of Education; Faculty Research & Development grants at  
Louisiana State University Shreveport (Funded; \$1,483.00 USD)  
2023 University; Professional Scholarship at Louisiana State University  
Shreveport (Rejected)  
2021 College of Education Emerging Scholars Initiative Grant at New Mexico  
State University (Tier-II Funded; \$3,000.00 USD).  
2018 Texas Woman's University; Principal Investigator in student travel fund,  
travel to Tokyo, Japan, to attend the Forum on top Global University  
Project: Formulating an International Academic Network in Health and  
Exercise Science (Full-funded; \$3,000.00 USD)  
2012 Texas Woman's University; Principal Investigator in student travel fund,  
travel to Novotel Singapore Clarke Quay, Singapore, to attend the 22<sup>nd</sup>  
Annual Meeting of the International Association for Dance Medicine &  
Science (Full funded; \$2,000.00 USD)

### **HONORS AND AWARDS**

2024 The University's Outstanding Faculty (Teaching) Award at the  
Louisiana State University Shreveport  
2018 Kinesiology Outstanding Doctoral Student Award at the Texas  
Woman's University  
2017 Chancellor's Student Research Scholar Award at the Texas Woman's  
University  
2017 Texas Woman's University Biomechanics Scholarship Awarded  
(\$1,000.00 USD)  
2016 Texas Woman's University Biomechanics Scholarship Awarded  
(\$1,000.00 USD)  
2016 Texas New-Song church in Dallas Scholarship Awarded (\$1,000.00  
USD)  
2015 Texas Woman's University Biomechanics Scholarship Awarded  
(\$1,000.00 USD)  
2014 Texas Woman's University Biomechanics Scholarship Awarded  
(\$1,000.00 USD)  
2000 Award-Seoul Dance Contest (Gold medal)  
2000 SeJong Excellence Scholarship  
2000 SeJong Study-work Scholarship  
1999 SeJong Study-work Scholarship  
1997 SeJong General Scholarship

## **PUBLICATIONS**

### **Peer Reviewed Manuscripts (10)**

Levine, N., Baek, S., Tuttle, N., Alvis, H., Hung, C., Sokoloski, M., **Kim, Jemin.**, Mark, H., Lee, S., Rigby, B., and Kwon, Y.-H. (2023). Biomechanical effects on lower-body extremities during a maximum effort kettlebell swing protocol. *Sports Biomechanics*. 21 (9), 1032-1045.

**Kim, Jemin.**, & Kim, K-J. (2021). Analysis of the kinematic sequence on the rotation of *pirouette en dehors* motion in ballet. *Korean Society of Dance Science*. 38, 1-14.

Han, K., Como, C., **Kim, Jemin.**, Hung, C.-J., Hasan, M., & Kwon, Y.-H (2019). Effects of the pelvis-shoulders torsional separation style on the kinematic sequence observed in golf driving, *Sports Biomechanics*. 18, 663-685.

Han, K., Como, C., **Kim, Jemin.**, Lee, S., Kim J-W., Kim D-K., & Kwon, Y.-H (2019). Effects of the golfer-ground interaction on clubhead speed in skilled male golfers, *Sports Biomechanics*. 18, 115-134.

Kim, J-W., Han, K., **Kim, Jemin.**, Lee, S., Kwon, M.-S., & Tuttle, N. J. (2018) The effect of skill level difference on trunk, pelvis, and supporting leg kinematics in Taekwondo roundhouse kicks, *Taekwondo Journal of Kukkiwon*. 9, 219-234.

Lee, S., Davis, R., Judge, L., Kwon, Y. H., Han, K., **Kim, Jemin.**, Kim, J., & Kim, J. (2015). Gender-based correlation profiles among the release factors and distance thrown in Paralympic seated shot put. *Adapted Physical Activity Quarterly*, 32, 318-330.

**Kim, Jemin.**, Kim, J-H., Kim, K-J., & Suh, C-Y. (2015). Analysis of the kinematic sequence on the *grand jeté en tournant* motion in ballet, *Dance Research Journal of Korea*. 73, 17-32.

Singhal, K., **Kim, Jemin.**, Casebolt, J., Lee, S., Han, K., & Kwon, Y.-H. (2015). Gender difference in older adult's utilization of gravitational and ground reaction force in regulation of angular momentum during stair descent, *Human movement science*. 41, 230-239.

**Kim, Jemin.**, Wilson, A. M., Singhal, K., Gamblin, S., Suh, C.-Y., & Kwon, Y.-H. (2014). Development of the longitudinal angular momentum in single-, double-, and triple-turn *pirouette en dehors*, *Sports Biomechanics*. 13, 215-229.

Singhal, K., **Kim, Jemin.**, Casebolt, J., Lee, S., Han, K., & Kwon, Y.-H. (2014). Kinetic comparison of older men and women during walk-to-stair descent transition, *Gait & Posture*. 40, 600-604.

## **Manuscripts Under Review**

Lee, S., Kim, J-W., Han, K., Kim, D., M, Hasan, M., **Kim, Jemin.**, Ko, M., & Kwon, Y.-H (2023). Effects of foot placement on resultant joint moments in the lower extremity joints during the squat, *The Journal of Strength and Conditioning Research*. (Under review)

## **Manuscripts In Progress**

Kim, Jemin., Levine, N., & Kim, J., & Lee, S. (2024). Examining Changes in Flexibility Following 24-Weeks of Ballet Classes in Recreationally Activate Female Adults. *International Association for Dance Medicine & Science*. (In progress)

**Kim, Jemin.**, Levine, N., & Kim, J-H. (2023). Effects of fifth foot position type on *Tour En l'air* turn motion in ballet. *International Association for Dance Medicine & Science*. (In progress)

## **ABSTRACT AT PROFESSIONAL MEETINGS (10+)**

**Jemin Kim**, Levine, A, N., Kim, J., & Lee, S. (2024). Examining Changes in Flexibility Following 24-Weeks of Ballet Classes in Recreationally Activate Female Adults [Abstract]. *South Central American Society of Biomechanics conference at University of North Texas Health Science Center. Fort Worth, TX*.

Medina, M., Kim, S-J., Miller, A., Delgado, R., **Kim, Jemin.**, Chang, J. (2022). Health Disparities of palliative care and healthcare utilization among lung cancer patients in U.S. Hospitals during 2010~2014; Evidence from the US Hispanic population [Abstract]. *American Association for Cancer Research, 12<sup>th</sup> AACR-JCA joint Conference: Breakthroughs in Cancer Research-Translating Knowledge into Practice, Maui, Hawaii*. (Submitted: cancelled conference: COVID)

**Kim, Jemin.**, Suh, C-Y., Lee, S., Han, K., Levine, N. A., Kim, J., Hasan, M., Becker, K., & Kwon, Y.-H. (2018). A biomechanical comparison of triple-turn *pirouette en dehors* trials between successful and unsuccessful dancers in ballet [Abstract]. *Forum on top Global University Project: Formulating an International Academic Network in Health and Exercise Science at Waseda University, Tokyo, Japan*.

**Kim, Jemin.**, Suh, C-Y., Lee, S., Han, K., Kim, J., & Kwon, Y.-H. (2016). Comparison of triple *pirouette* turn motion between successful and unsuccessful conditions in ballet [Abstract]. *South Central American Society of Biomechanics conference at Texas Woman's University, Denton, TX*.

Avalos, M., Hasan, M., Hung, C., Han, K., **Kim, Jemin.**, Nunez-Jr, M, Levine, N., & Kwon, Y.-H. (2016). Effects of "All-Terrain rollator" on lower extremity kinetics in walking. [Abstract]. *South Central American Society of Biomechanics conference at Texas Woman's University, Denton, TX*.

Singhal, K., **Kim, Jemin.**, Lee, S., Han, K., Casebolt, J., & Kwon, Y.-H. (2014). Gender differences in how older adults regulate angular momentum during stair descent [Abstract]. *Biomedical Engineering Society. San Antonio, TX.*

Han, K., Como, C., Lee, S., **Kim, Jemin.**, Kim, J., Kim, D., Hasan, M., & Kwon, Y.-H. (2014). Associations between maximum club-head speed and select GRF and moment parameters in skilled golfers [Abstract]. *South Central American Society of Biomechanics. Dallas, TX.*

Kim, J., **Kim, Jemin.**, Lee, S., Han, K., & Kwon, M.-S. (2013). Arm and leading shoulder motions for different target positions during Taekwondo roundhouse kicks [Abstract]. *The Journal of International Association for Taekwondo conference at Puebla Mexico.*

Lee, S., Han, K., Kim, J., **Kim, Jemin.**, Kim, J., Davis, R., & Kwon, Y.-H. (2013). Biomechanical analysis of the shot-put event at 2012 U.S. Paralympic trials in track and field: Comparison of male and female athletes [Abstract]. *South Central American Society of Biomechanics Conference at Texas Woman's University, Dallas, TX.*

**Kim, Jemin.**, Wilson, M., Gamblin, S., Suh, C-Y., & Kwon, Y.-H. (2012). Development of the longitudinal angular momentum in single-, double-, and triple-turn *pirouette en dehors* [Abstract]. *The International Association for Dance Medicine and Science at Singapore.*

**Kim, Jemin.**, Wilson, M., Gamblin, S., Suh, C-Y., & Kwon, Y.-H. (2012). Development of the longitudinal angular momentum in single-, double-, and triple-turn *pirouette en dehors* [Poster]. *The National Center for Human Performance. Houston, TX.*

Han, K., Como, C., Singhal, K., Lee, S., **Kim, Jemin.**, Kim, J., & Kwon, Y.-H. (2012). Analysis of the trunk/shoulder complex motion during the golf drives using a 5-segment trunk/shoulder model [Abstract]. *The National Center for Human Performance. Houston, TX.*

Han, K., Como, C., Singhal, K., Lee, S., **Kim, Jemin.**, Kim, J., & Kwon, Y.-H. (2012). Analysis of the trunk/shoulder complex motion during the golf drives using a 5-segment trunk/shoulder model [Abstract]. In E. J. Bradshaw, A. Burnett & P. A. Hume (Eds.), *Scientific Proceedings of the 30<sup>th</sup> International Society of Biomechanics in Sports Conference (pp. 59–62).* Melbourne, Australia: Australian Catholic University.

Kim, J-W., **Kim, Jemin.**, Lee, S., Han, K., & Kwon, Y.-H. (2010). The effect of target height on the trunk, pelvis, and thigh kinematics in the Taekwondo roundhouse kick [Abstract]. *South Central American Society of Biomechanics conference at Texas Woman's University, Denton, TX.*

## **PERFORMANCES/ACTIVITES/SERVICE**

2024 - Current	South Central American Society of Biomechanics. Fort Worth, TX. Presentation Judge.
2023 - Current	College-level Course & Curricula Committee for College of Human Sciences & Education, Louisiana State University Shreveport. LA.
2023 - Current	Social Studies Fair, Judge, Louisiana State University Shreveport. LA.
2020 - Current	Biomechanics/Sports Rehabilitation/Athletic Training Part (Committee chair), Journal of Health, Sports, and Kinesiology (JOHSK).
2021 - 2022	Guest Review editor, Journal of Plos One.
2020 - 2022	Guest Review editor, Journal of Applied Biomechanics.
2021 - 2022	Kinesiology Club, Advisor, New Mexico State University, Las Cruces. NM.
2020 - 2022	Academic Affairs Committee (College), New Mexico State University, Las Cruces. NM.
2020 - 2022	Research and Creativity Social Sciences, Judge (University), New Mexico State University, Las Cruces. NM.
2019 - 2022	Search Committee (Department), New Mexico State University, Las Cruces. NM.
2019 - 2020	Space Committee (College), New Mexico State University, Las Cruces. NM.
2014	South Central American Society of Biomechanics. Dallas, TX. Conference, Moderator.
2012	London Paralympic trials "Track & Field" United States team, media-biomechanics crew, Jun 29 -Jul 01, 2012
2005	Korean ballet theatre, Creation ballet "Mongyudowondo".
2004	Korean ballet theatre, Travel with ballet festival "Raymonda".
2004	Korean ballet theatre, Ballet Festival in summer Night "La bayadere".
2004	Private exhibition "Oedipus's Excuse".
2004	Korean ballet theatre, Ballet Modern Dance Traditional Dance "Baroque dance".
2003	Korean ballet theatre, Winter Travel with ballet "Don Quixote".
2003	Korea Dance & World Dance.
2003	Private exhibition University Dance Festival.
2000	Korean ballet theatre, Millennium ballet festival at San-Francisco.
1999	Universal Ballet theatre "La bayadere".
1996	American Ballet Theatre (Guest dancer) "Swan Lake" "Gisele".
1995	Korea National Ballet Theater, "Nutcracker".

## **LANGUAGE**

Fluent in Korean and Japanese