

JUNHAI XU



Courses Taught:

KINE 526: Physiology of Exercise I

Educational Credentials:

Doctorate of Philosophy
Master of Science

Master of Education
Bachelor of Education

Louisiana State University; Baton Rouge, LA (Exercise Physiology), 2020
University of Houston-Clear Lake; Houston, TX (Fitness and Human Performance), 2010
Beijing Sports University; Beijing, China (Physical Education), 2002
Shandong Sports University; jinan, China (Physical Education), 1999

Teaching Experience:

Assistant Professor
Graduate Teaching Assistant
Assistant Professor

Louisiana Tech University, 2022-present
Louisiana State University, 2015-2020
Central University of Finance & Economics, China, 2002-2013

Professional Experience:

Post-Doctoral Researcher
Volunteer Strength & Conditioning Coach
Head Strength & Conditioning Coach
Intern of Strength & Conditioning Coach

LSU Health and Sciences Center, 2021-2022
LSU Football, 2015-2016
Chinese Basketball Association, U17, U18, U19 Boys' and Girls' teams;
National Women's Asian Games Team, 2011-2014
NBA Houston Rockets, 2010

Selected Publications:

1. Xu, J., Nelson, A., Tufano, J. Myocardial stress response increases more in a single-set compared to volume-matched multiple-set of leg press in untrained young adults. *Sport Sciences for Health*. 05/31/2022 (In Press).
2. Xu, J., Kim, H., Dong, J., Chen, H., Xu, J., Ma, R., Zhou, M., Wang, T., Shen, Q., Zhou, J. Structure-activity relationship studies on O-alkylamino-tethered salicylamide derivatives with various amino acid linkers as potent anticancer agents. *European Journal of Medicinal Chemistry*. 234 (2022): 114229.
3. Xu, J., Nelson, A., Hondzinski, J. Passive Static Stretching Alters the Characteristics of the Force-Velocity Curvature Differently for Fast and Slow Muscle Groups---A Practical Application of Hill's Equation. *Human Movement Science* 79 (2021)102852. DOI: 10.1016/j.humov.2021.102852
4. Xu, J., Farney, T., Nelson, A. Muscle Sentry® Has no Effect on Muscle Strength Performance and Estimated MVO2 after High Intensity Short Duration Resistance Training. *International Journal of Exercise Science* 13(2): 744-754, 2020.
5. Amonette, W., Brown, D., Dupler, T., Xu, J., Tufano, J., DeWitt, J. Physical Determinants of Interval Sprint Times in Youth Soccer Players. *Journal of Human Kinetics* 40.1 (2014): 113-120, DOI: 10.2478/hukin-2014-0013.
6. Zhang, Y., Wei, B., Wang, W., Pang, J., Jiao, Y., Xu, J. Supply the protein bar for the effect on athletic ability and blood serum index of trained male soldiers. *Chinese Journal of Sports Medicine*. 27(1) 2008. DOI: 10.3969/j.issn.1000-6710.2008.01.028
7. Xu, J., Wang, T, Ren, J., Zhu, J., Sun, S. Investigation the information of basketball referees with national level and above in China. *Journal of Beijing Sports University*. 2004-03. DOI: 10.19582/j.cnki.11-3785/g8.2004.03.050

8. Wang, T., **Xu, J.** Analysis of the court performance of CBA referees during 2000-2001 season. *Journal of Xi'an Physical Education University*. 2003-03. DOI:10.3969/j.issn.1001-747X.2003.03.041

Book Chapter:

1. Gao, H., & Min, J. (2006), Entry Level Knowledge of Physical Education and Health for College Students. Beijing Sports University Press. **Xu, J.**, Chapter: Basketball practicing in promotion of collegiate student health.
2. Zhu, J. (2006), 21st Century Secondary Vocational Education Series: Physical Education & Health. Communication University of China Press. **Xu, J.**, Chapter: Basketball for health. ISBN: 9787810856744.
3. Zhu, Y. (2004), Physical Education & Health for Ninth Grade Students. **Xu, J.**, Chapter: Introduction of basic techniques for basketball and tennis.

Book Translated:

1. **Xu, J.**, Chen, J., & Li, G. (2006), the Winning Basketball: Ralph Pim. *People's Sports Publishing House*. ISBN: 9787500928775.

Selected Abstracts:

1. **Xu, J.**, Xu, J., Ma, R., Zhou, M., Fricke, D., Chen, H., Kim, H., Liu, X., Zhou, J., Shen, Q. Development of HJC0152-based proteolysis-targeting chimera (PROTAC) degraders for breast cancer therapy. *Presented in 2022 American Association for Cancer Research Annual Meeting. April, 2022, New Orleans, LA.*
2. Ma, R., Wang, P., **Xu, J.**, Xu, J., Fricke, D., Xue, Y., Kim, H., Chen, H., Liu, X., Zhou, J., Shen, Q. Development of oridonin-based proteolysis-targeting chimera (PROTAC) degraders as effective breast cancer therapeutics. *Presented in 2022 American Association for Cancer Research Annual Meeting. April, 2022, New Orleans, LA.*
3. Fricke, D., Liu, G., Kim, H., Wang, P., Liu, X., Chen, H., Ma, R., **Xu, J.**, Zhou, J., Shen, Q. Novel Bax Activators for Targeted Breast Cancer. *Presented in 2022 American Association for Cancer Research Annual Meeting. April, 2022, New Orleans, LA.*
4. **Xu, J.**, Nelson, A. The Effects of Single versus Multiple Sets of Leg Presses on Myocardial Energy Expenditure. *Presented in 66th American College of Sports and Medicine (ACSM) Annual Meeting, May, 2019, Orlando, FL.*
5. **Xu, J.**, Nelson, A. Passive Static Stretching Alters the Characteristics of the Force-Velocity Curvature. *Presented in 41st National Strength and Conditioning Association (NSCA) National Conference, July, 2018, Indianapolis, IN.*¹
6. Nelson, A., **Xu, J.**, Farney, T., Kokkonen, J. Muscle Sentry® has no effect on estimated cardiac VO₂ after a bout of resistance training. *Presented in 63rd 2016 American College of Sports and Medicine (ACSM) Annual Meeting, June, 2016, Boston, MA.*
7. **Xu, J.**, Tufano, J., Brown, D., Dupler, T., Spiering, B., Coleman, E., & Amonette, W. Physical determinants of sprinting velocity and agility in high school football players: Differences between position groups. *Presented in 33rd National Strength and Conditioning Association (NSCA) National Conference, July, 2010, Orlando, FL.*
8. Tufano, J., Amonette, W., Brown, D., Brown, L., Dupler, T., Tran, T., **Xu, J.**, & Spiering, B. A novel equation to predict peak power in young athletes. *Presented in 33rd National Strength and Conditioning Association (NSCA) National Conference, July, 2010, Orlando, FL.*
9. Holliday, J., Perez, C., Buchanan, S., Hamilton, H., Minor, C., Tufano, J., **Xu, J.**, DeWitt, J., & Amonette, W. Determinants of Speed and Agility in Youth Soccer Players. *Presented in National Center for Human Performance, November, 2010, Houston, TX.*

¹ *Winner of the 2018 Conference Poster Award

Awards & Honors:

1. Minority Scholarship, National Strength & Conditioning Association (NSCA), 2018
2. Winner of Doctoral Students Poster Award, National Strength & Conditioning Association (NSCA) Annual Conference, 2018
3. CHSE Dean's Graduate Assistant Travel Incentive Grants for the Engagement in Research (TIGER) Fund, Louisiana State University (LSU), 2018
4. Program Outstanding Academic & Leadership Accomplishment Graduate Student, School of Human Science and Humanities, University of Houston-Clear Lake (UHCL), 2010
5. University Academic Scholarship, University of Houston-Clear Lake (UHCL), 2010
6. Outstanding Scholastic Achievement & Excellence, Health & Human Performance Honor Society, University of Houston-Clear Lake (UHCL), 2010
7. New Student Award Scholarship, University of Houston-Clear Lake (UHCL), 2009
8. Outstanding Basic Courses' Teacher Awards, Central University of Finance & Economics (CUFE), 2006

Certifications:

Corrective Exercise Specialist (CES), NASM, 2011-Present
Certified Strength and Conditioning Specialist (CSCS), NSCA, 2010-present
Certified Sports Performance Coach, USA Weightlifting, 2010-Present
Level 1 Track and Field Coach, USA Track & Field, 2010-Present
CPR & First Aid, American Red Cross, 2015-Present