

CURRICULUM VITAE

XI JIN, Ph.D.

Department of Kinesiology & Health Science
Louisiana State University Shreveport
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EDUCATION

- 2018- 2021 **Ph.D.** Department of Nutrition and Hospitality Management,
University of Mississippi, University, MS, U.S.
- Major Area: Nutrition
 - Primary Emphasis: Lifestyle behaviors related to obesity
 - Advisor: Teresa Carithers
 - Dissertation: Analysis of Trends and Effects of Lifestyle Behaviors Related to Obesity among Older Adults: Findings from National Health and Nutrition Examination Survey (NHANES) between 2005-2018
- 2011- 2018 **Ph.D.** Department of Health, Exercise Science, & Recreation
Management, University of Mississippi, University, MS, U.S.
- Major Area: Exercise Science, Health & Kinesiology
 - Primary Emphasis: Exercise Physiology
 - Advisor: Mark Loftin
 - Dissertation: A Comparison of Energy Expenditure and Prediction Equations during Walking or Running Corrected for One Mile in Normal Weight and Overweight African American, Asian and Caucasian Adults and Cross-validation of the Equations
- 2006 - 2009 **M.S.** Sport Science, Beijing Sport University, China
- Major Area: Exercise Science
 - Advisor: Dongmei Luo and Yang Hu
 - Thesis: The Association between Polymorphisms in HIF-2a Gene and Inter-individual Variability in Response to “Living High-Training Low” Altitude Training
- 2002 - 2006 **B.S.** Sport Science, Harbin Institute of Physical Education, China
- Major Area: Kinesiology

PROFESSIONAL & RESEARCH EXPERIENCE

August 2023- Current

Assistant Professor, Department of Kinesiology & Health Science, Louisiana State University Shreveport

August 2018- May 2021

Research Assistant to Dr. Teresa Carithers, Interim Dean of School of Applied Sciences, Nutrition and Hospitality Management, the University of Mississippi
Research focus: nutrition and applied gerontology

August 2016- May 2018

Research Assistant in Kevser Ermin Applied Physiology Laboratory, the University of Mississippi

Research focus: Comparison and prediction equations for energy expenditure during walking or running one mile in normal weight and overweight African American adults, Asian adults and three ethnic adults and cross-validation of these equations

August 2016- May 2018

Research Assistant to Dr. Ling Xin, Health, Exercise Science, & Recreation Management, the University of Mississippi

Research focus: molecular biology and biochemistry on exercise and assessment of physical fitness

August 2012- December 2012

Research Assistant in exercise biochemistry, Health, Exercise Science, & Recreation Management, the University of Mississippi

October 2011- January 2012

Research Assistant to Dr. Tracy Brooks, Pharmacy, the University of Mississippi

September 2006-August 2011

Graduate Research Assistant to Prof. Yang Hu, National Key Lab-Physical Fitness Genome Lab, Department of Kinesiology, Beijing Sport University, China

Responsibilities included:

Preparing lab equipment, extraction and purification of DNA (Promega, Madison, Wisconsin, USA), electrophoresis, selection of the SNP (Single Nucleotide Polymorphisms) sites (from NCBI website), design of primer (primer 5.0), theory and experiment of PCR, analyze of RFLP, data analysis using SPSS.

Graduate Research Assistant to Prof. Yang Hu, Hypoxia Center, Sport Science Research Center, Beijing Sport University, China

Responsibilities included:

HiHiLo Training (living high - exercise high - training low), including the use of artificial devices of hypoxia, VO₂max test, HR and SpO₂ monitoring during training.

June 2007-June 2009

Research Assistant, Sport Science Research Center, Beijing Sport University

Responsibilities included:

Testing physical fitness of national teams, evaluating the health condition of the athletes and normal people, inspecting sports injury and provided treatment with some instruments, strength assessment, agility assessment, flexibility assessment, cardiopulmonary function assessment and blood lactate analyzer, bone mineral density assessment.

TEACHING EXPERIENCE

August 2023- Current

Assistant Professor, Department of Kinesiology & Health Science, Louisiana State University Shreveport

Teaching courses:

2024-2025	Fall	KHS425 Physiology of Exercise KHS425L Physiology of Exercise Lab KHS329 Environment and Exercise PUBH706 Public Health Nutrition
2024-2025	Summer	PUBH705 Principles of Health Promotion and Intervention
2024-2025	Spring	KHS235 Human Nutrition KHS460 Exercise Testing and Prescription PUBH705 Principles of Health Promotion and Intervention
2023-2024	Fall	KHS425 Physiology of Exercise KHS491 Senior Seminar PUBH706 Public Health Nutrition

January 2012- December 2018

Instructor, Health, Exercise Science, & Recreation Management, the University of Mississippi

Instructor for the following courses:

2011-2012	Spring	EL156 Jogging (Section 1) EL124 Racquetball (Section 2)
2013-2014	Spring	ES349 Physiology of Exercise Laboratory (Section 1,2,3&4)
	Fall	ES349 Physiology of Exercise Laboratory (Section 2,3,4&5)
2014-2015	Spring	EL156 Jogging (Section 1&3) ES349 Physiology of Exercise Laboratory (Section 1,2,3&4)
	Fall	ES 457 Exercise Testing & Prescription Lab (Section 1,2&3)
2015-2016	Fall	ES349 Physiology of Exercise Laboratory (Section 1,2,3&4) ES457 Exercise Testing & Prescription Lab (Section 2&3)
2017-2018	Spring	ES349 Physiology of Exercise Laboratory (Section 2&4)

June 2007-December 2007

Teaching Assistant, Department of Kinesiology, Beijing Sport University, China

Teaching the following courses:

Exercise Molecular Biology Laboratory

Responsibilities included: Preparing and presenting labs, preparing lab equipment, teaching PCR-RFLP principles and skills, assessing students' skills.

Exercise Anatomy Laboratory

Responsibilities included: Preparing and presenting labs, preparing lab equipment, teaching undergraduate students for experiments in anatomy, including bone, joint and muscle, assessing students' skills.

PUBLICATIONS

Jin, X., Wang, Z., & Loftin, M. (2024). Assessment and Prediction of Energy Expenditure: One-Mile Walks and Runs Among African American. *European Journal of Sport Sciences*, 3(1), 16–22. <https://doi.org/10.24018/ejsport.2024.3.1.114>

Jin, X., Carithers, T., & Loftin, M. (2021). Prediction and Cross-validation of an Energy Expenditure Equation in Walking or Running in Asian Adults. *International Journal of Exercise Science*, 14(7), 932-940.

Jin, X., Carithers, T., & Loftin, M. (2021). Comparison and predicted equation of energy expenditure during walking or running among Caucasians, African Americans and Asians. *Sports Medicine and Health Science*.

Jin, X., Eason, B., & Loftin, M. (2015). Effect of exercise intensity level on choice reaction time. *Comprehensive Psychology*, 4, 3.

Jin, X., Hu, Y., Luo, D., Li, Y., Yi, L. (2010). From the HIF-2a gene screening out molecular markers that predict the changing of hemogram indices during the implementation of HiHiLo. *Journal of Physical Education*, 17(6), 96-101.

Jin, X., Hu, Y., Luo, D., Li, Y., Yi, L. (2010). Selecting Molecular Genetic Markers for Evaluating the Effect of Cardiac Function in HiHiLo from HIF-2a Gene. *China Sport Science*, 30(4), 49-55.

CONFERENCE ABSTRACT

Jin, X., Rush-Kolodzey, J., & Wang, Z. The Effect of Physical Activity on Obesity Among Older Adults: Findings from NHANES 2005-2018. Presented at the annual meeting of the American College of Sports Medicine, Boston, Massachusetts, May 2024.

Qin, C., **Jin, X.**, Wang, Z., & Wen, Y. The Secular Trend on Fitness Parameter in Chinese Male College Students From 2013 To 2021. ePoster at the annual meeting of the American College of Sports Medicine, May 2023.

Dai Z., **Jin X.**, Zhou Y., Liu Y., Wu X., Qiu Y., Zheng C., Wong S., & Yi L. Comparison of Energy Consumption and Glycolipid Metabolism After 1-mile Walking/running Between Differential Habitual Exercisers. ePoster at the annual meeting of the American College of Sports Medicine, May 2022.

Qin, C., **Jin, X.**, Xie, D., Wen, Y., & Loftin, M. Decrease in physical fitness in Shenzhen

University students from 2015 to 2018. Presented at the annual meeting of the American College of Sports Medicine, May 2020.

Qin, C., **Jin, X.**, Li, J., Xie, D., Zhao, X., & Loftin, M. The effect of FTO rs9939609 polymorphism on body composition in Chinese adults. Presented at the annual meeting of the American College of Sports Medicine, Orlando, Florida, May 2019.

Jin, X., Loprinzi, P. D., Bass, M. A., Xin, L., Carithers, T. C., & Loftin, M. Development of a validated energy expenditure prediction equation in Asian adults. Presented at the annual meeting of the American College of Sports Medicine, Minneapolis, Minnesota, May 2018.

Jin, X., Loprinzi, P. D., Bass, M. A., Xin, L., Carithers, T. C., & Loftin, M. A prediction equation for energy expenditure during walking or running corrected for one mile in normal weight and overweight African American adults and cross-validation of the equation. Presented at the annual meeting of the southeast regional chapter of the American College of Sports Medicine, Chattanooga, TN, February 2018.

Jin, X., van Blerk, N., & Owens, S. Is a state-wide physical activity mandate translating into the recommended amount of in-school physical activity? Presented at the annual meeting of the southeast regional chapter of the American College of Sports Medicine, Greenville, SC, February 2014.

PROFESSIONAL MEMBERSHIPS

American College of Sports Medicine (2018, 2019, 2020, 2021, 2023, 2024)

Southeast regional chapter American College of Sports Medicine (2013, 2014, 2018)

ADVISING EXPERIENCE

2009-2011 Work in the National Key Lab (Physical Fitness Genome Lab) in Beijing Sport University. Mentoring undergraduate and graduate students' experiments, including selecting aerobic capacity related gene, selecting SNPs, designing primer, mastering PCR skills and suggesting on thesis writing.

PROFESSIONAL CERTIFICATIONS

- Limited X-Ray Machine (DXA) Operator certificate
- Adult First Aid/ CPR/ AED certificate (ID: 0Z24BV)

HONORS AND AWARDS

- Spring 2024 Faculty Research and Development Grants (FRDG) at LSUS

\$1,500

- Fall 2023 Faculty Research and Development Grants (FRDG) at LSUS \$5,000
- Fall 2021 Dissertation Fellowship from Graduate School at The University of Mississippi (2021)
- 2017 Summer Research Assistantship from Graduate School at The University of Mississippi (2017)
- Spring 2016 Dissertation Fellowship from Graduate School at The University of Mississippi (2016)
- Outstanding volunteer in Beijing 2008 Olympic Games (2008)
- Outstanding graduate student of HeiLongjiang province, Harbin Institute of Physical Education (2006)
- The 1st Place in Harbin Institute of Physical Education Excellent Bachelor Thesis (2006)
- Academic Fellowship (three times), Harbin Institute of Physical Education (2003 ~ 2004, 2004 ~ 2005, 2005 ~ 2006)

PROFESSIONAL SERVICE

The University of Mississippi, Department of Health, Exercise Science, & Recreational Management, appointed to serve on search committee to fill position of faculty on exercise physiology, 2014.

OTHER EXPERIENCE

- Volunteer for 2008 Beijing Olympic (August - September 2008)
- Volunteer for Good Luck Beijing (April 2008 - June 2008)
- Test for the ballet dancer about body composition and basic physical measurement scale such as circumference, skinfold thickness length of the body, vital capacity, the ability to balance (April 2007 - June 2007)
- Test for the children in kindergarten, including oxygen content of brain and muscle, heart rate, and some body condition (February 2007 - April 2007)
- Test for the national male volleyball athlete, including myoelectricity and basic body condition (January 2007 - February 2007)
- League Branch Secretary, Department of Kinesiology, Harbin Institute of Physical Education (2003 - 2006)