

CURRICULUM VITAE

Jiang (Jenny) Zhou

Professor

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EDUCATION

Ph.D. Mechanical Engineering, University of Maryland, Baltimore County, 05/2003
M.S. Mechanical Engineering, Chongqing University, China, 05/1988
B.S. Mechanical Engineering, Chongqing University, China, 07/1985

ACADEMIC EXPERIENCE

09/2015 – present	Professor Department of Mechanical Engineering Lamar University, Beaumont, TX
09/2008 – 08/2015	Associate Professor Department of Mechanical Engineering Lamar University, Beaumont, TX
01/2004 – 08/2008	Assistant Professor Department of Mechanical Engineering Lamar University, Beaumont, TX
08/1998 – 06/2003	Teaching Assistant & Research Assistant Department of Mechanical Engineering University of Maryland Baltimore County, Baltimore, MD
07/1995 – 09/1997	Associate Professor Department of Mechanical Engineering Taiyuan University of Technology, Taiyuan, China
07/1990 – 07/1995	Lecturer Department of Mechanical Engineering Taiyuan University of Technology, Taiyuan, China
05/1988 – 07/1990	Assistant Professor Department of Mechanical Engineering Taiyuan University of Technology, Taiyuan, China

TEACHING**Courses Taught at Undergraduate Level**

- Dynamics
- Mechanic of Solids
- Engineering Analysis
- Design of Mechanisms
- Computer-Aided Engineering
- Dynamics Systems
- Machine Design
- Integrated System Design
- Senior Design Projects
- Applied Numerical Analysis
- Mechanical Vibrations
- Advanced Dynamics
- Control of Mechanical Systems
- Mechanical Modeling and Simulations

Courses Taught at Graduate Level

- Control of Mechanical Systems
- Mechanical Modeling and Simulations
- Advanced Dynamics
- Applied Numerical Techniques
- MS Thesis
- Doctoral Field Study

Teaching Awards/Recognitions

- Leland Best Distinguished Faculty Fellow in Teaching, 2016 - 2019
- Presidential Faculty Fellowship Award in Undergraduate Teaching Innovation, Lamar University, 2015
- Presidential Faculty Fellowship Award in Undergraduate Research/Creative Activity, Lamar University, 2015
- Presidential Faculty Fellowship Award in Undergraduate Teaching Innovation, Lamar University, 2014
- Presidential Faculty Fellowship Award in Undergraduate Research/Creative Activity, Lamar University, 2014
- Who's Who in the World, 2009
- University Merit Award, Lamar University, 2007

Teaching Related Funded Projects

- NSF RET Site: Incorporating Engineering Design and Manufacturing into High School Curriculum
<https://www.lamar.edu/engineering/k-12-programs/research-experience-for-teachers.html>
- NSF SCOPE: Industrial and Mechanical Engineering Scholars with Scholarships, Career Mentoring, Outreach and Advisement, Professional Societies and Engineering Learning Community

<https://www.lamar.edu/engineering/undergraduate/scope-scholarship.html>

Student Mentor

- Graduate advisor of Mechanical Engineering Department
- Undergraduate advisor of Mechanical Engineering Department
- Faculty advisor of Pi Tau Sigma Honor Society
- Faculty advisor of LU Power Student Organization
- Faculty advisor of ASABE Tractor Student Organization
- Faculty advisor of LU-ROBOTICS Student Organization
- Faculty advisor of more than 60 Senior Capstone Design Teams
 - Several teams won notable prizes in regional and national design competitions such as SAE Baja, Shell Eco Marathon, and Texas Space Grant Consortium (TSGC) Design Challenge.

RESEARCH

Areas of Research Interests

- Dynamic responses and vibrations of micro-electronic systems
- Plant Biomechanics
- Multi-scale and multi-physics modeling
- Research in Engineering Education

PUBLICATIONS

Published over 100 peer-reviewed journal and conference papers, and book chapters in research and innovative teaching in engineering