

Jixun Zhan

Utah State University

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Education

PhD, East China University of Science and Technology and Peking University, 2003.

Major: Natural Products Chemistry and Biochemical Engineering

MS, Tianjin University of Science and Technology, 2000.

Major: Fermentation Engineering

BS, Nanchang University, 1997.

Major: Fermentation Engineering

Professional Positions

Professional

Member, Synthetic Bio-manufacturing Center, Utah State University. (December 2009 - Present).

Professional Memberships

American Chemical Society.

Institute of Biological Engineering.

Society for Industrial Microbiology and Biotechnology. (January 1, 2013 - Present).

American Society for Microbiology. (January 1, 2012 - Present).

American Heart Association. (January 1, 2014 - December 31, 2014).

ACADEMIC INSTRUCTION

Directed Student Learning

Doctoral Advisory Committee Chair, Biological Engineering. (January 2014 - Present).

Advised: Fuchao Xu

Supervised Research/URF, Biological Engineering. (September 2013 - Present).

Advised: Micah Rasmussen

Doctoral Advisory Committee Member, Chemistry & Biochemistry. (August 26, 2013 - Present).

Advised: Madher Alfindie

Doctoral Advisory Committee Chair, Biological Engineering. (May 2013 - Present).

Advised: Lei Sun

Doctoral Advisory Committee Member, Biological Engineering. (December 2012 - Present).

Advised: Pratima Labroo

Doctoral Advisory Committee Member, Biological Engineering. (December 2012 - Present).
Advised: Swathi Swaminathan

Doctoral Advisory Committee Member, Biological Engineering. (November 2012 - Present).
Advised: Abul Bashar Mohammad Giasuddin

Doctoral Advisory Committee Member, Biology. (September 2012 - Present).
Advised: Dingqiang Li

Doctoral Advisory Committee Member, Biological Engineering. (September 2012 - Present).
Advised: Richard Decker

Master's Committee Member, Biology. (September 2012 - Present).
Advised: Susie Frisby

Doctoral Advisory Committee Chair, Biological Engineering. (January 2012 - Present).
Advised: Siyuan Wang

Doctoral Advisory Committee Member, Biological Engineering. (November 2011 - Present).
Advised: Bo Zhao

Supervised Research/URF, Biological Engineering. (September 2011 - Present).
Advised: Tyler Gladwin

Doctoral Advisory Committee Chair, Biological Engineering. (August 2011 - Present).
Advised: Samantha Gladstone

Master's Committee Member, Biological Engineering. (March 2011 - Present).
Advised: Joseph Camire

Supervised Research/URF, Biology. (January 2011 - Present).
Advised: David Gage

Doctoral Advisory Committee Chair, Biological Engineering. (August 2010 - Present).
Advised: Kandy Napan

Doctoral Advisory Committee Member, Chemistry & Biochemistry. (2010 - Present).
Advised: Robert Willis

RESEARCH & OTHER CREATIVE ACTIVITIES

Contracts, Grants and Sponsored Research

Grant

Johnson, Sean (Principal), Zhan, Jixun (Co-Principal), Hengge, Alvan (Co-Principal), Hevel, Joan (Co-Principal), Ensign, Scott (Co-Principal), "MRI: Acquisition of Modern X-ray Diffraction Equipment to Enhance Research and Training," Sponsored by NSF, Federal, \$447,366.00. (July 1, 2012 - June 30, 2015).

Zhan, Jixun, "Mixing tetracycline and angucycline biosynthetic machineries for novel antibiotics," Sponsored by NIH Rocky Mountain Regional Center of Excellence for Biodefense and Emerging Infectious Diseases, Federal, \$444,722.00. (September 1, 2011 - April 30, 2014).

SERVICE

General Service

Department

Committee Member, Department ABET Committee, 2013.

Committee Member, Dr. Elizabeth Vargis' Tenure and Promotion Advisory Committee, 2013.

Committee Chair, Dr. Daniel Hyduke's Tenure and Promotion Advisory Committee, 2013.

Committee Member, Dr. Yue Cui's Tenure and Promotion Advisory Committee, 2013.

Committee Member, Graduate Student Admission Committee, 2012.

Committee Member, Curriculum Committee, March 2009.

Professional/Public

Reviewer, Journal Article, African Journal of Biotechnology

Reviewer, Journal Article, American Journal of Agriculture and Biological Sciences

Reviewer, Journal Article, Applied Microbiology and Biotechnology

Reviewer, Journal Article, Bioorganic & Medicinal Chemistry Letters

Reviewer, Journal Article, Bioresource Technology

Reviewer, Journal Article, Chemistry & Biology

Reviewer, Journal Article, Current Topics in Medicinal Chemistry

Reviewer, Journal Article, Fitoterapia

Reviewer, Journal Article, Food Control

Reviewer, Journal Article, Journal of Agriculture and Food Chemistry

Reviewer, Journal Article, Journal of Biological Engineering

Reviewer, Journal Article, Journal of Chinese Pharmaceutical Sciences

Reviewer, Journal Article, Journal of Food Science

Reviewer, Journal Article, Journal of Molecular Catalysis B: Enzymatic

Reviewer, Journal Article, MedChemComm

Reviewer, Journal Article, Mini-Reviews in Medicinal Chemistry

Reviewer, Journal Article, Molecular BioSystems

Reviewer, Journal Article, Natural Product Communications

Reviewer, Journal Article, Organic & Biomolecular Chemistry

Reviewer, Journal Article, PLOS ONE

Reviewer, Journal Article, Preparative Biochemistry & Biotechnology

Reviewer, Journal Article, Tetrahedron

Editor, Journal Editor, Pharmacognosy Magazine

Editor, Journal Editor, Journal of Biological Engineering

Councilor, Institute of Biological Engineering

Editor, Journal Editor, Journal of Bioengineering and Biomedical Sciences

Committee Member, The Specialty Committee of TCM Pharmaceutical Analysis, World Federation of Chinese Medicine Societies

Committee Member, American Heart Association Region IV Bioengineering Review Panel

Utah State University

Mentor, CIB Summer Biotechnology Academy, 2010.

Promotion and Tenure Committees

Promotion Committee

Zhou, A., Baktur, R., Britt, D. W., Lewis, R., Zhan, J.

Tenure Review

Zhan, J. (Committee Chair), Zhou, A. (Committee Member), Britt, D. W. (Committee Member), Agblevor, F. (Committee Member), Hinton, H. S. (Outside Member).