

Xiaotian Zhang

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Jiangsu, China

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EDUCATION

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|------|--|--|
| 2019 | Ph.D., Materials Science and Engineering | The Pennsylvania State University
University Park, PA, USA |
| 2014 | B.S., Materials Science and Engineering | The Pennsylvania State University ,
University Park, PA, USA |

PROFESSIONAL CAREER

Professor, Frontier Materials Research Department, Suzhou Laboratory

Sep 2025 – present

Assistant Professor, School of Mechanical Engineering, Shanghai Jiao Tong University

Jul 2021 – Jun 2025

Postdoctoral Fellow, Advanced Light Source, Lawrence Berkeley National Laboratory

Supervisor: Eli Rotenberg, Zakaria Al. Balushi

July 2019 – Jun 2021

Ph.D. Candidate, Materials Science and Engineering, The Pennsylvania State University

Supervisor: Joan M. Redwing

August 2014 – May 2019

AWARDS & HONORS

- Council Member of Materials and Energy Application Professional Committee of China Industrial Cooperation Association
- Silver Medal, International Exhibition of Inventions, Geneva, 2024
- Ranked #39, top 0.5% of scholars worldwide in the field of Epitaxy by ScholarGPS, 2023
- Young Scientists Fund of the National Natural Science Foundation of China, 2022
- Shanghai Overseas Talent Program, 2021
- IUCr Young Scientist Award, 19th International Conference on Crystal Growth and Epitaxy (ICCGE-19), 2019
- Young Scientist Award, 46th Conference on the Physics & Chemistry of Surface & Interfaces (PCSI-46), 2019
- Robert E. Newnham award for research excellence, The Pennsylvania State University, 2018
- Shively-Weyl Graduate Travel Awards, 2018
- Best Poster Nominee, 2018 MRS Fall Meeting & 2017 MRS Spring Meeting
- Jean Shollenberger Beaver Graduate Travel Awards, 2016
- William and Estelle Turney Scholarship, 2013
- State of the art, Inc. Annual scholarship, 2013
- Matthew J. Wilson Honors Scholarship, 2012 – 2013
- Donald W. Hamer Scholarship, 2012
- George H. and Madeleine Hager Todd Scholarship, 2012
- John and Elizabeth Holmes Scholarship, 2011