

Jie Zheng

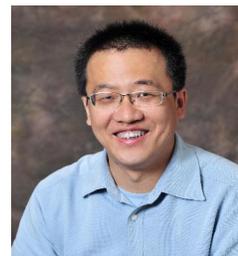
Professor

Department of Chemical and Biomolecular Engineering

The University of Akron

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<https://sites.google.com/site/zhengakron/>



EDUCATION

1991-1995	B.S.	Chemical Engineering	Zhejiang University, China
1996-1999	M.S.	Chemical Engineering	Zhejiang University, China
1999-2000	M.S.	Chemical Engineering	Kansas State University
2001-2005	Ph.D	Chemical Engineering	University of Washington

PROFESSIONAL APPOINTMENTS

2016-present	Professor, Chemical & Biomolecular Engineering, The University of Akron (UA)
2017-present	Adjunct Professor, Integrated Bioscience, UA
2015-present	Fellow, Institute for Life-Span Development & Gerontology, UA
2012-2016	Associate Professor, Chemical & Biomolecular Engineering, UA
2007-2012	Assistant Professor, Chemical & Biomolecular Engineering, UA
2005-2007	Scientist, Center for Cancer Research, National Cancer Institute, NIH

AWARDS & HONORS

2018	Outstanding Research Award, College of Engineering, UA
2017	Outstanding Research Award, College of Engineering, UA
2010-2015	NSF CAREER Award
2013	Faculty Mentor of the Year Award (4 awardees), UA
2010-2011	Anton Award from National Resource for Biomedical Supercomputing
2009-2012	3M Non-tenured Faculty Award
2008-2009	Faculty Summer Fellowship, UA
2008-2009	Firestone Research Award, UA
2002-2004	NSF Nanotechnology Fellowship, University of Washington

MAIN ACCOMPLISHMENTS

- 192+ papers, ~9600+ citations, h-index=52, i10-index=138 (google scholar, 08/01/2019)
- 22 coverpages, 20 invited papers, 7 hot papers
- 2 book chapters
- 4 patents
- 100+ conference presentations and university seminar
- External grants from NSF, DoD, Alzheimer Association, American Chemical Society, 3M Inc.,

RESEARCH INTERESTS

Our research is highly interdisciplinary by integrating theoretical models, molecular simulations, and polymer/bio-experiments to conduct fundamental and applied research at the interface of biomaterials, biointerfaces, and biophysics, with the goals of the better understanding of the sequence-structure-function relationship of proteins and polymers.

PROFESSIONAL ACTIVITIES

- Academic Editor, PLoS One (2011-present)
- Associate Editor, J. of Colloid Science and Biotechnology (2012-present)
- Principle Editor, MRS Advances (2015-present)
- Editorial Board, Chinese J. Chemical Engineering (2015-present)
- Editorial Board, J. Materials Chemistry B (2017-present)