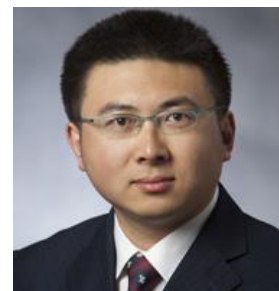


# Xuanhe Zhao

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Twitter: ProfZhaoMIT



## Degree and Education

PhD in Engineering Science, Harvard University	11/2009
MS in Engineering Science, Harvard University	09/2008
MASc in Materials Engineering, The University of British Columbia	07/2006
BE in Electrical Engineering, Tianjin University	07/2003

## Experience

Co-founder and Chief Scientific Advisor, Sanaheal Inc	11/2021-Present
Professor, Department of Mechanical Engineering and Department of Civil and Environmental Engineering (joint), MIT	02/2020-Present
Associate Professor with Tenure, Department of Mechanical Engineering and Department of Civil and Environmental Engineering (joint), MIT	05/2017-02/2020
Associate Professor without Tenure, Department of Mechanical Engineering and Department of Civil and Environmental Engineering (joint), MIT	01/2015-05/2017
Assistant Professor, Department of Mechanical Engineering and Department of Civil and Environmental Engineering (joint), MIT	09/2014-01/2015
Visiting Scientist, Department of Mechanical Engineering, MIT	05/2014-09/2014
Assistant Professor, Department of Mechanical Engineering and Materials Science, Duke University	07/2010-09/2014
Postdoctoral Fellow in Biomedical Engineering, Harvard University	07/2009-07/2010

## Research Interests

The mission of Zhao Lab at MIT is to advance science and technology on the interfaces between humans and machines for addressing grand societal challenges in health and sustainability with integrated expertise in mechanics, materials and biotechnology. A major focus of our current research is the study and development of soft materials and systems.

## Publications

**Google Scholar.** [http://scholar.google.com/citations?user=4bHLr\\_IAAAAJ](http://scholar.google.com/citations?user=4bHLr_IAAAAJ)

**Web of Science.** <http://www.researcherid.com/rid/B-1532-2008>

**Representative papers.** <http://zhao.mit.edu/representative-papers/>

**Selected papers.** <http://zhao.mit.edu/selected/>

**Review papers.** <http://zhao.mit.edu/reviews/>

**All papers.** <http://zhao.mit.edu/all-publications/>

## Selected Awards and Honors

Clarivate Highly Cited Researcher, Web of Science	12/2021
George N. Hatsopoulos (1949) Faculty Fellow, MIT	01/2021
Thomas J.R. Hughes Young Investigator Award, ASME	11/2020
Clarivate Highly Cited Researcher, Web of Science	12/2018
Materials Today Rising Star Award, Materials Today	09/2018
Young Investigator Medal, Society of Engineering Science	07/2017
Young Scientist Award, The Adhesion Society	02/2017
Extreme Mechanics Letters Young Investigator Award, Elsevier	12/2015
Robert N. Noyce Career Development Professorship, MIT	07/2015
Journal of Applied Mechanics Award, ASME	02/2015
d'Arbeloff Career Development Chair, MIT	07/2014
Hunt Faculty Scholar, Duke University	07/2014
2014 Young Investigator Program Award (YIP), Office of Naval Research	04/2014
Arthur K. Doolittle Award, ACS Polymeric Materials Science and Engineering Division	02/2014
2013 US Frontiers of Engineering Symposium, National Academy of Engineering	09/2013
Faculty Early Career Development (CAREER) Award, National Science Foundation	12/2012
Early Career Researchers Award, AVS Biomaterial Interfaces Division	11/2012
2012 ICTAM Travel Fellowship Grant Award, US National Committee on Theoretical and Applied Mechanics	08/2012
Haythornthwaite Research Initiation Grant Award, American Society of Mechanical Engineers	11/2011

## Selected Professional Activity

Associate Editor, Science Advances	2019-Present
Associate Editor in Chief, Acta Mechanica Sinica	2015-Present
Editorial Board, Scientific Reports	2015-Present
Editor, Journal Club of imechanica.org	2013-2014
Editorial Board, International Journal of Applied Mechanics	03/2012-Present
Elected Chair, Technical Committee on Soft Materials, American Society of Mechanical Engineers	11/2012-Present

## Students and Postdoctoral Fellows Supervised

**Full list.** <http://zhao.mit.edu/our-team/>

### **Graduated students and postdocs in academia.**

Renee Zhao, Assistant Professor, Stanford University  
Qiming Wang, Assistant Professor, University of Southern California  
Teng Zhang, Assistant Professor, Syracuse University  
Changyong Cao, Assistant Professor, Case Western Reserve University  
Honfai Chan, Assistant Professor, The Chinese University of Hong Kong  
Liu Wang, Associate Professor, University of Science and Technology of China  
Ji Liu, Assistant Professor, Southern University of Science and Technology (China)  
Jianfeng Zang, Professor, Huazhong University of Science and Technology (China)  
Baoyang Lu, Professor, Jiangxi Science and Technology Normal University (China)  
Gerard-Philippe Zehil, Assistant Professor Notre Dame University (Lebanon)