Curriculum Vitae: Hao Yan

For full CV please see https://yanlab.asu.edu/HaoYan.pdf

I. **Education**

Ph.D., New York University (2001); M.S., New York University (1998); B.S. Shandong University (1993)

II. **Professional Activities:**

Milton D. Glick Distinguished Professor, Arizona State University (ASU) (2012-present); Professor, ASU (2008-2011); Assistant Professor, ASU (2004-2008); Assistant Research Professor, Duke University (2001-2004); Founding Director, Center for Molecular Design and Biomimetics, Biodesign Institute, ASU (2013-present); Executive Directorate Member, Biodesign Institute, ASU (2015-2019)

ASU Activities: Member, President's Academic Council (2014-present); co-Chair, Biodesign Institute Personnel Committee (2009-present); Chair, Chemistry Seminar Committee (2008-2010), Chair, Faculty Mentoring Committee (2016-present)

Professional Societies: American Chemical Society; American Association for the Advancement of Science; Material Research Society; Elected President, International Society for Nanoscale Science, Computation and Engineering (2013-2015); Steering Committee Member, International Meeting on DNA Computing and Molecular Programming (2012-present); General Chair & Track Chair, Annual Conference Foundation of Nanoscience (2021-present); Chair, Organizing Committee, 19th International Meeting on DNA Computing and Molecular Programming (2013); co-Chair, Program Committee, 13th International International Meeting on DNA Computing and Molecular Programming (2013); Chair, MRS Symposium on DNA Nanotechnology (2012); Chair, Session on DNA Nanomachines in vitro and inside Living Cells, 54th Annual Biophysical Society Meeting (2010); Served as chair or co-chairs for numerous other conferences and workshops, including: International Conference on DNA Nanotechnology, DNATEC, International Meeting on Scanning Probe Microscopy, International Conference on Knowledge-based Information & Engineering Systems etc.

III. **Distinctions/Awards:**

Elected Fellow, National Academy of Inventors (2022); Elected Fellow, American Institute for Medical and Biological Engineering (2023), Elected Fellow, American Association for the Advancement of Science (2019); Foresight Institute Feynman Prize in Nanotechnology, Experimental Category (2020); The Rozenberg Tulip Award in DNA Computing, (2013); Humboldt Research Award (2023); Web of Science Highly Cited Researcher in Cross-Field (2018, 2019, 2020, 2021 & 2022); Fast Company's 100 Most Creative People in Business (2019); International Meeting on DNA nanotechnology special contribution award; Alfred P. Sloan Research Fellowship, (2008); Arizona Technology Enterprise Achievement Award (2014); Finalist, Arizona State University Outstanding Doctoral Mentor Award (2013); Arizona State University Promotion and Tenure Faculty Exemplar (2008); Air Force Office of Scientific Research Young Investigator Award (2007); National Science Foundation CAREER Award (2006); Arizona Technology Enterprise Innovator of Tomorrow Award (2006); New York University GSAS Dean's Dissertation Fellowship (1998).

IV. **Honorary and Keynote Lectureships**

Ohio State University Institute for Materials Research Distinguished Lecturer, 2023; BASF Lectureship in Chemical Sciences, UC Berkeley (2018); Keynote speaker, The 4th International Conference on DNA Nanotechnology, Xi'an, China (2015); Keynote speaker, 40th Annual Naff Symposium on Chemistry and Molecular Biology, U. of Kentucky (2014); Keynote speaker, Bio-Inspired Computing: Theories and Applications, Huangshan, China (2013); Keynote speaker, 10th Annual Conference, Foundation of Nanoscience, Self-assembled Architectures and Devices, Snowbird, Utah (2013); Keynote speaker, 7th Foundations of Nanoscience: Self-assembled Architectures and Devices, Snowbird, Utah (2010).

V. **Editorial Boards:**

Associate Editor for: Science Advances (2021-present); ACS Applied Bio Materials (2021-present)

Editorial Advisory Board Member for: J. Nanobiotechnology (2019-present); Nano Research (2014-present); Langmuir (2011-2015).

VI. **Industrial Experience and Consulting:**

Consultant with 5 chemicals and biotech companies (2004-present).

Boards: Co-founder, Exodigm Bioscience (2021-present)

VII. **Publications:**

A. **Patents.** US Patents: Issued 16; Pending 24

B. **Books:** 12 authored or co-authored

C. **Papers:** >230 peer reviewed publications; >40 are published in Journals such as Nature, Science, Cell and their sub-journals; H-Index: 97 (Google Scholar Citations)

VIII. **Mentoring activities:**

A. **Doctoral students:** 53 graduate students

B. **Postdocs:** 20 postdoctoral scholars

C. **Alumni:** 31 former students and postdocs of the Yan lab are holding faculty positions in US, China, India and Europe, including schools such as Yale, Emory, Rutgers, U. of Florida, Tsinghua University, Peking University, Nanjing University, Chinese Academy of Sciences and Indian Institute of Technology, etc.; Many of the Yan lab alumni are senior scientists or group leaders in Chemical and Biotech industries.