One-page Curriculum Vitae

Weimin Han

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Education

1991 Ph.D. in Mathematics, University of Maryland; Advisor: Prof. Ivo Babuška

1986 M.S. in Mathematics, Chinese Academy of Sciences; Advisor: Prof. Hongci Huang

1983 B.S. in Mathematics, Fudan University

Professional employment (all at the University of Iowa)

Professor: 1999–present, Department of Mathematics
1999–present, Iowa Technology Institute (formerly, Center for Computer-Aided Design), College of Engineering
1999–present, Interdisciplinary Program in Applied Mathematical and Computational Sciences (AMCS), Graduate College

Associate professor: 1996–1999, Department of Mathematics
1996–1999, Center for Computer-Aided Design
1997–1999, AMCS

Assistant professor: 1991–1996, Department of Mathematics

Chair: January 2020–December 2022, Department of Mathematics

Director: 2007–December 2019, AMCS

Associate Chair and Director of Undergraduate Program: 2005–2007, Department of Mathematics

Honors

Fellow of the American Mathematical Society, class of 2023

Honored by the special issue "Recent Advances on Inequality Problems: Mathematical Analysis, Numerical Solution, and Applications in Mechanics and Engineering" of *Nonlinear Analysis: Real World Applications* (CiteScore 4.6, Impact Factor: 2.765) in 2023

Named a Highly Ranked Scholar–Lifetime in the Specialty of Numerical Analysis by ScholarGPS, in recognition of exceptional productivity, noteworthy impact and quality of scholarly work in the top 0.05% of scholars in the Specialty worldwide in 2022 (first edition), 2023 (second edition), 2024 (third edition), 2025 (fourth edition)

Named a Best Mathematics Scientist in the Research.com ranking of top Mathematics scientists in 2022 (first edition), 2023 (second edition), 2024 (third edition), 2025 (fourth edition)

CLAS Collegiate Fellow, University of Iowa, 2010–2015, 2015–2020, 2020–2025, 2025–present

Simons Fellow in Mathematics, 2012

Scholarship

Current research interest numerical analysis; finite element methods, discontinuous Galerkin methods, virtual element methods; analysis, numerical solution and applications of variational inequalities; analysis, numerical solution and applications of hemivariational inequalities; computational mechanics, computational engineering

Grant support NSF, Simons Foundation, NIH, EU
As PI: $\sim$ \$ 2.16 m; as Co-PI or Co-Investigator: $>$ \$ 8 m

Publications 13 research monographs and textbooks by Springer, Wiley, AMS/International Press, etc., 230 journal papers

Citations MathSciNet: 4355 times by 3044 authors
Google Scholar: over 15,000 times