

Padma Raghavan



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Padma Raghavan is the Vice Provost for Research and Innovation, Chief Research Officer, Senior Advisor to the Chancellor, and Distinguished Professor of Computer Science at Vanderbilt University.

In her faculty role, Raghavan specializes in high-performance computing (aka supercomputing), with a focus on new algorithms to achieve parallel processing at scale, enable fault-tolerant and energy-efficient computing, and gain scientific insights through computational modeling and simulation. She has authored over one hundred peer-reviewed publications and supervised nearly fifty M.S and Ph.D. theses. Raghavan has garnered recognition for her contributions to the field, including the National Science Foundation's CAREER award, the Maria Goeppert Meyer Award from the Department of Energy, Argonne National Lab, and the University of Chicago, and elevation to Fellow of the Institute of Electrical and Electronics Engineers (IEEE) and Fellow of the American Association for the Advancement of Science (AAAS). She is active in the profession, currently serving on the advisory committees of the Computing and Information Science and Engineering Directorate and the Office of International Science and Engineering at the National Science Foundation, and is a member of the Board of Governors of UT-Battelle, which operates the Department of Energy's Oak Ridge National Laboratory. In 2022, Raghavan was appointed to a two-year term on the President's Committee on the National Medal of Science; this committee evaluates the nominees for the National Medal of Science award, which is the highest recognition the nation can bestow on scientists and engineers.

As Vice Provost for Research and Innovation at Vanderbilt, Raghavan oversees the advancement of the university's research and innovation portfolio, including technology transfer and commercialization spanning the university and medical center, as well as the development of strategic partnerships. Examples of these partnerships include Ancora Innovation, a partnership with Deerfield Management to accelerate the development and delivery of life-changing therapeutics, and Army Pathfinder, a partnership with the U.S. Army to rapidly develop and deploy mission critical solutions.

Raghavan joined Vanderbilt University in 2016 from the Pennsylvania State University, where she served as Associate Vice President for Research and Strategic Initiatives, founding Director of the university-wide Institute for Computational and Data Sciences, previously known as the Institute for CyberScience, and Distinguished Professor of Computer Science and Engineering.

Education

Ph.D., Computer Science, Pennsylvania State University

M.S., Computer Science, Pennsylvania State University

B.Tech., Computer Science and Engineering, Indian Institute of Technology