

Bahram Javidi, Ph.D.

Board of Trustees Distinguished Professor at University of Connecticut

Storrs, CT, CT, US

A professor of electrical and computer engineering, Javidi also leads the Multidimensional Optical Sensing and Imaging Systems (MOSIS) Lab.

Biography

Professor Javidi's work is dedicated to integrating optics, photonics, and computational algorithms and systems for advancing the science and engineering of imaging from nano to macro scales. The goal of his lab is to become the international leader in real-time optical imaging approaches and technologies by advancing the fundamental science and engineering in optics and photonics for imaging and to transition research outcomes to applications in healthcare, defense, security, manufacturing, mobile communications, and commerce.

Areas of Expertise

Optics and Photonics, Biomedical optics/photonics for imaging, Nanotechnology in optical sensing, imaging, visualization, and display, 3D Imaging

Affiliations

Institute of Electrical and Electronics Engineers (IEEE), fellow, American Institute for Medical and Biological Engineering (AIMBE), fellow, Optical Society of America, fellow, European Optical Society (EOS), fellow, The International Society for Optics and Photonics (SPIE), fellow, Institute of Physics, fellow, Society for Imaging Science and Technology (IS&T), fellow, Institution of Electrical Engineers (IEE), fellow

Education

Penn State University

Ph.D. Electrical Engineering

Penn State University

M.S. Electrical Engineering

George Washington University

B.S. Electrical Engineering

Accomplishments

American Association for the Advancement of Science Fellow, Class of 2022

The American Association for the Advancement of Science (AAAS), the world's largest general scientific society and publisher of the Science family of journals, recognizes Fellows for their scientific and socially notable achievements.

Distinguished Alumni Scholar Award

2010, George Washington University's highest honor for its alumni in all disciplines.

Donald G. Fink Prize Paper Award

2008, Institute of Electrical and Electronics Engineers (IEEE).

Technology Achievement Award

2008, The International Society for Optics and Photonics (SPIE).

Humboldt Prize for outstanding international scientists

2007, the Alexander von Humboldt Foundation. Germany's highest research award for senior scientists and scholars in all disciplines.

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