

Inaugural Class of IAHSI – 2024



Sriram Iyengar

Sriram's research interests include **mobile health, Global Health, telehealth, Persuasive technology, Data Science/Machine Learning, and Systems Biology**. His latest research is in Resilience Informatics, the application of informatics to promote and sustain resilience of people and communities to the adverse health effects of climate change, pandemics, and forced migrations. A paper he co-wrote on this topic received a Best paper (3rd place) award at MEDINFO 2023 in Sydney.

His interdisciplinary background includes MS degrees in Electrical Engineering, and Statistics, and PhD in Computer Science. His career includes working at large academic healthcare institutions (The Ohio State University, University of Texas Health Science Houston, Texas A&M University Health Science Center), NASA Johnson Space Center, and senior leadership positions in Silicon Valley, USA. While at NASA he developed mobile health technologies that enable no-code development of media-rich clinical decision and procedure apps to support astronaut health on deep space exploration missions. This award-winning system has been studied globally to improve health workers performance, enhance health literacy, and support patient self-efficacy and self-management. Sriram has conducted funded research projects in mHealth/eHealth in the US, Colombia, Brazil, India, and Fiji. He has been an invited speaker at multiple venues worldwide. He is a reviewer for scientific journals and for the National Institutes of Health, serving on several special emphasis panels reviewing funding proposals.

Sriram has received competitive funding from NASA, the US Army, the US Dept of Education, Microsoft Research, and the National Institute of Health, Burroughs-Wellcome fund. He is the author or co-author of over 85 peer-reviewed publications and presentations. He edited a textbook on Symbolic Systems Biology and wrote one on the Science of Computing. Among other honors, Sriram has received research awards as PI and Co-I, from the National Institutes of Health, the US Department of Education, Microsoft Research, and the US Army. Other awards include the Regents Outstanding Teacher Award from the University of Texas System, Research Excellence from the US Army, and NASA Exceptional Software Award.