Guest Speaker: Prof. Londa Schiebinger

Title: Gendered Innovations: Enhancing Excellence in Science & Technology

Abstract: How can we harness the creative power of sex, gender, and intersectional analysis for discovery and innovation? This talk will explore health & biomedicine, AI/ML, gendering social robots, and Embedded EthiCS, climate, and more. We look at how sex and sex interact, how sex and gender interact, and intersectional research. We will also discuss policy initiatives at funding agencies, peer-reviewed journals, such as *Nature*, and universities and research institutions. To match the global reach of science and technology, Gendered Innovations was developed through a collaboration of over 220 experts from across the United States, Europe, Canada, and Asia. Major funders include the European Commission, the U.S. National Science Foundation, and Stanford University. Participants may wish to read: Sex, Gender Analysis Improves Science and Engineering *Nature* (2019); A Framework for Sex, Gender, and Diversity Analysis in Research: Funding Agencies have Ample Room to Improve their Policies *Science* (2022). For late-breaking news on research in this area, join the Gendered Innovations listserv.

Biography: Londa Schiebinger is the John L. Hinds Professor of History of Science at Stanford University, and Founding Director of Gendered Innovations in Science, Health & Medicine, Engineering, and Environment. Gendered Innovations harness the creative power of sex, gender, and intersectional analysis to enhance excellence in science. Schiebinger is a leading international expert on gender in science and technology and has addressed the United Nations, the European Parliament, the Korean National Assembly, and numerous funding agencies on that topic. Schiebinger received her Ph.D. from Harvard University and is an elected member of the American Academy of Arts and Sciences. She is the recipient of numerous prizes and awards, including the prestigious Alexander von Humboldt Research Prize and Guggenheim Fellowship. She holds Honorary Doctorates from the Universitat de València, Spain, 2018; Lunds Universitet, Sweden, 2017; and Vrije Universiteit Brussel, Belgium, 2013. Among her publications, see AI can be Sexist and Racist—It's Time to Make it Fair *Nature* (2018); Sex and Gender Analysis Improves Science and Engineering *Nature* (2019); *Gendered Innovations 2: How Inclusive Analysis Contributes to Research and Innovation* European Commission (2020); A Framework for Sex, Gender, and Diversity Analysis in Research: Funding Agencies Have Ample Room to Improve Their Policies *Science* (2022).