



Prof. Londa Schiebinger

Londa Schiebinger is the John L. Hinds Professor of History of Science at Stanford University, and currently directs EU/US Gendered Innovations in Science, Health & Medicine, Engineering, and Environment. She is a leading international expert on gender in science and technology, and an elected member of the American Academy of Arts and Sciences.

Professor Schiebinger received her Ph. D. from Harvard University in 1984. Over the past thirty years, Schiebinger's work has been devoted to teasing apart three analytically distinct but interlocking pieces of the gender and science puzzle: the history of women's participation in science; gender in the structure of scientific institutions; and the gendering of human knowledge. She presented this work to the United Nations in 2010 and again in 2014.

She is the recipient of numerous prizes and awards, including the prestigious Alexander von Humboldt Research Prize and Guggenheim Fellowship.

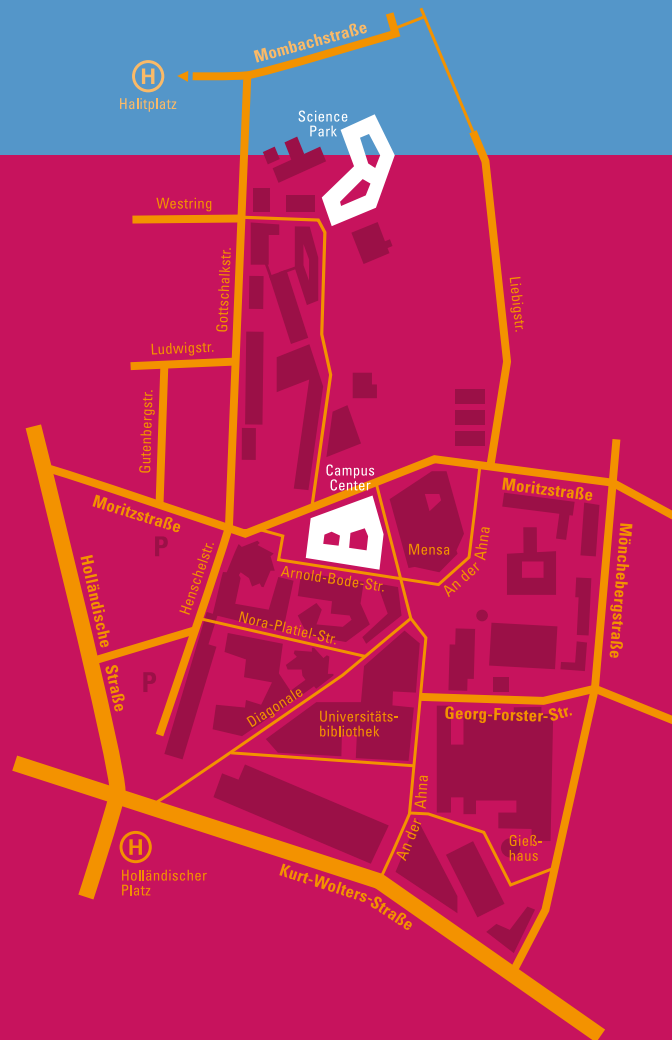
Her work on Gendered Innovations (genderedinnovations.stanford.edu) harnesses the creative power of sex and gender analysis to enhance excellence and reproducibility in science and engineering.

Contact

University of Kassel

Prof. Dr. Claude Draude, claudedraude@uni-kassel.de

Dr. Sylke Ernst, gleichstellung@uni-kassel.de



Lecture & Workshop on Gendered Innovations in Science, Technology & Engineering

Prof. Londa Schiebinger
Stanford University

November 21–22, 2018

U N I K A S S E L
V E R S I T Ä T

Gender bias in science leads to wrong outcomes, failed research and market opportunities; it costs money and, in extreme cases, lives.

Therefore, the importance of gender research and its innovative potential is increasingly recognized by policy makers and funding institutions. Since 2014, the European Commission (EC) has asked Principle Investigators to describe how sex and gender analysis is considered in their proposed research, where relevant. The EC identified 137 areas of science and technology where gender analysis could benefit research, including computer hardware and architecture, nanotechnology, oceanography, geosciences, organic chemistry, aeronautics, space medicine, biodiversity, ecology, biophysics, among other. Beginning in 2019, the DFG will have similar proposal instructions.

For researchers, however, the question remains on how to identify and integrate gender aspects in their field. Here is where the Gendered Innovations project steps in, it:

- 1) develops practical methods of sex and gender analysis for scientists and engineers;
- 2) provides case studies as concrete illustrations of how sex and gender analysis leads to innovation.

To match the global reach of science and technology, Gendered Innovations was developed through a collaboration of over a hundred experts from across the United States, Europe, Canada, and Asia. Major funders for Gendered Innovations include the European Commission, the U.S. National Science Foundation, and Stanford University. Gendered Innovations provided the intellectual basis for EC policy.

Researchers will have the unique opportunity to attend a lecture and workshop by Gendered Innovations director, Prof. Londa Schiebinger, at the University of Kassel.

LECTURE

How sex and gender analysis creates better research in technology and engineering

**November 21, 2018, 6:00 – 8:00 pm,
Campus Center, Moritzstraße 18, Hörsaal 3**

Welcoming Remarks – Prof. Dr. Reiner Finkeldey
President, University of Kassel

Londa Schiebinger will talk about how we can harness the creative power of gender analysis for discovery and innovation. She will identify three strategic approaches to gender in research, policy, and practice: 1) „Fix the Numbers of Women“ focuses on increasing women’s participation; 2) „Fix the Institutions“ promotes gender equality in careers through structural change in research organizations; and 3) „Fix the Knowledge“ or „Gendered Innovations“ stimulates excellence in science and technology by integrating sex and gender analysis into research. For this lecture, Schiebinger focuses on the third approach. She will discuss several case studies, including gender and fairness in machine learning and gender in robotics.



The lecture and workshop are hosted by Prof. Dr. Claude Draude and Nana Kesewaa Dankwa, Gender/Diversity in Informatics Systems (GeDIS) & Research Center for Information System Design (ITeG) and by the Equal Opportunities Office at the University of Kassel.

WORKSHOP

Applying Gendered Innovations

**November 22, 2018, 9:00 – 12:00 am,
Science Park, Universitätsplatz 12,
Tagungsraum A/B**

Welcoming Remarks – Prof. Dr. Arno Ehresmann
Vice President, University of Kassel

Innovation and discovery are about integrating sex and gender analysis into the design of research. The operative question is how can we harness the creative power of sex & gender analysis for discovery? Does considering gender add a valuable dimension to research? Does it take research in new directions?

This workshop will focus on how to integrate sex/gender analysis into the design of research. As preparation for the workshop, participants should inform themselves beforehand about Gendered Innovations: <http://genderedinnovations.stanford.edu/>

**Please register until November 08, 2018 at
gleichstellung@uni-kassel.de**



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