



STANFORD

SCHOOL OF  
HUMANITIES AND SCIENCES



**Londa Schiebinger**

**John L. Hinds Professor of History of Science**

**Director, EU/US Gendered Innovations in Science,  
Health & Medicine, and Engineering**

# Gendered Innovations

in Science,  
Health & Medicine,  
and Engineering

[Home](#) | [Contributors](#) | [Links](#) | [Contact Us](#)

Search The Site

What is **Gendered Innovations**?

SEX & GENDER ANALYSIS

Methods

Terms

Checklists

CASE STUDIES

Science


Health & Medicine

Engineering

POLICY

INSTITUTIONAL  
TRANSFORMATION

Sign up for updates 

How to cite website 



ENGINEERING  
HEALTH & MEDICINE  
SCIENCE

FEATURED CASE STUDIES



Why Gendered Innovations?

**“Gendered Innovations” employs methods of sex and gender analysis to create new knowledge.**



[Terms of Use](#) | [Site Map](#)

# Business Case

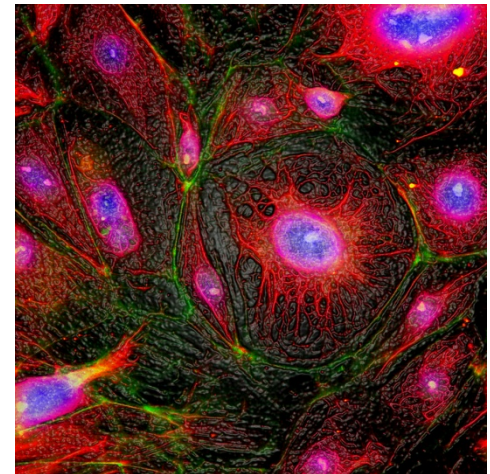
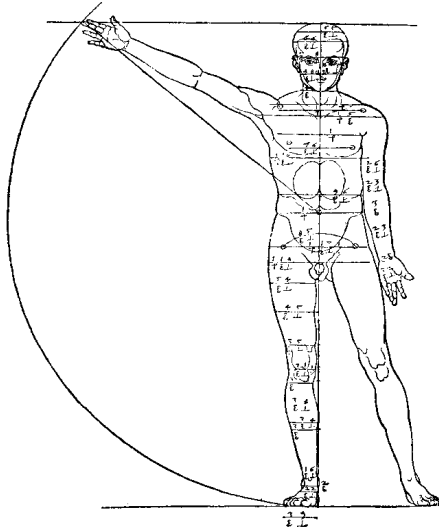
## Sex and gender bias in research:

- is expensive in terms of lives and costs.
- limits scientific creativity, excellence, and benefits to society.

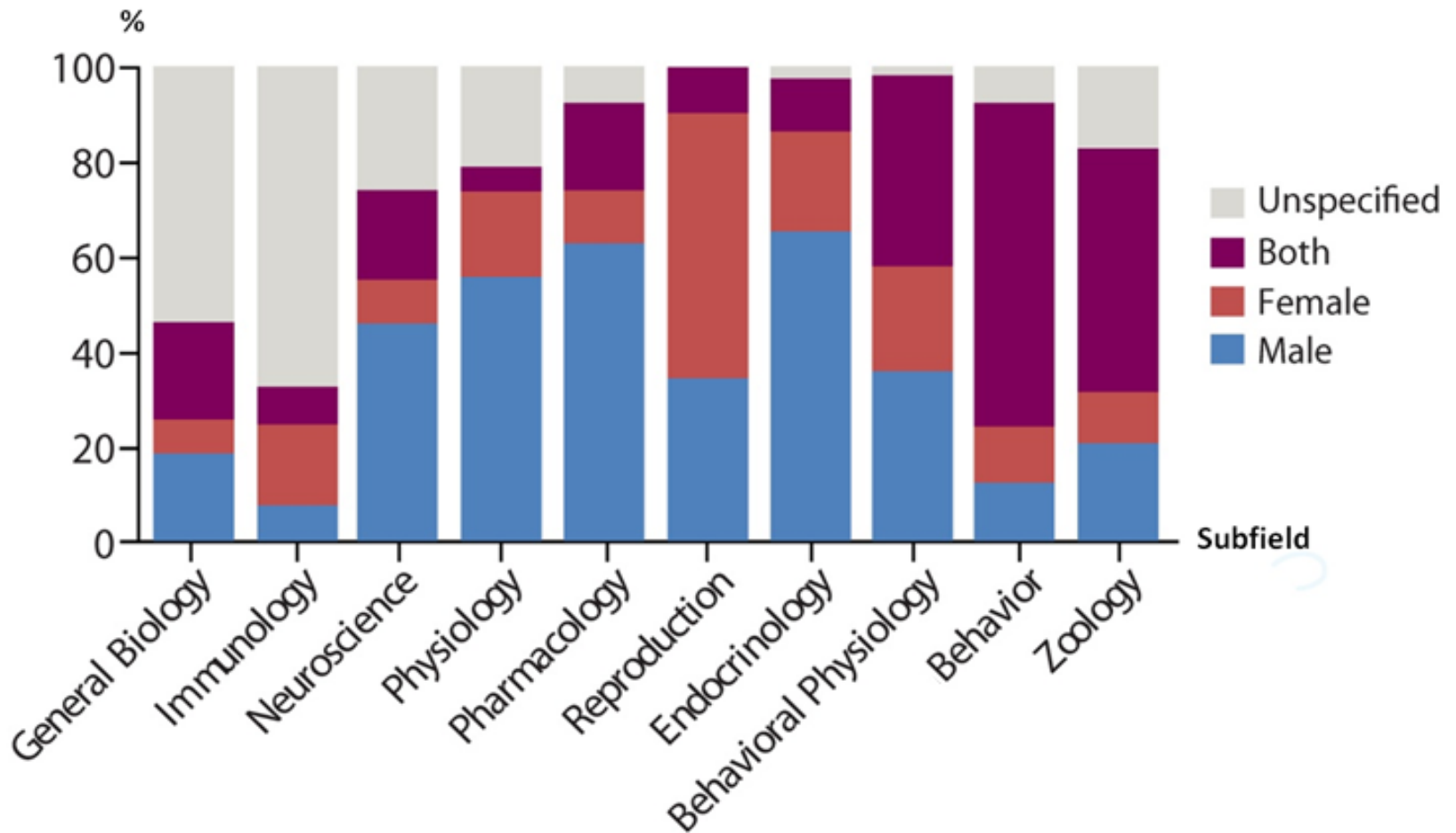
# Business Case—Public Health

- *Science* (26.3.2010): Between 1997 and 2000, 10 drugs were withdrawn from the U.S. market because of life-threatening health effects—8 of those showed greater severity in women.

# Most research is done in males



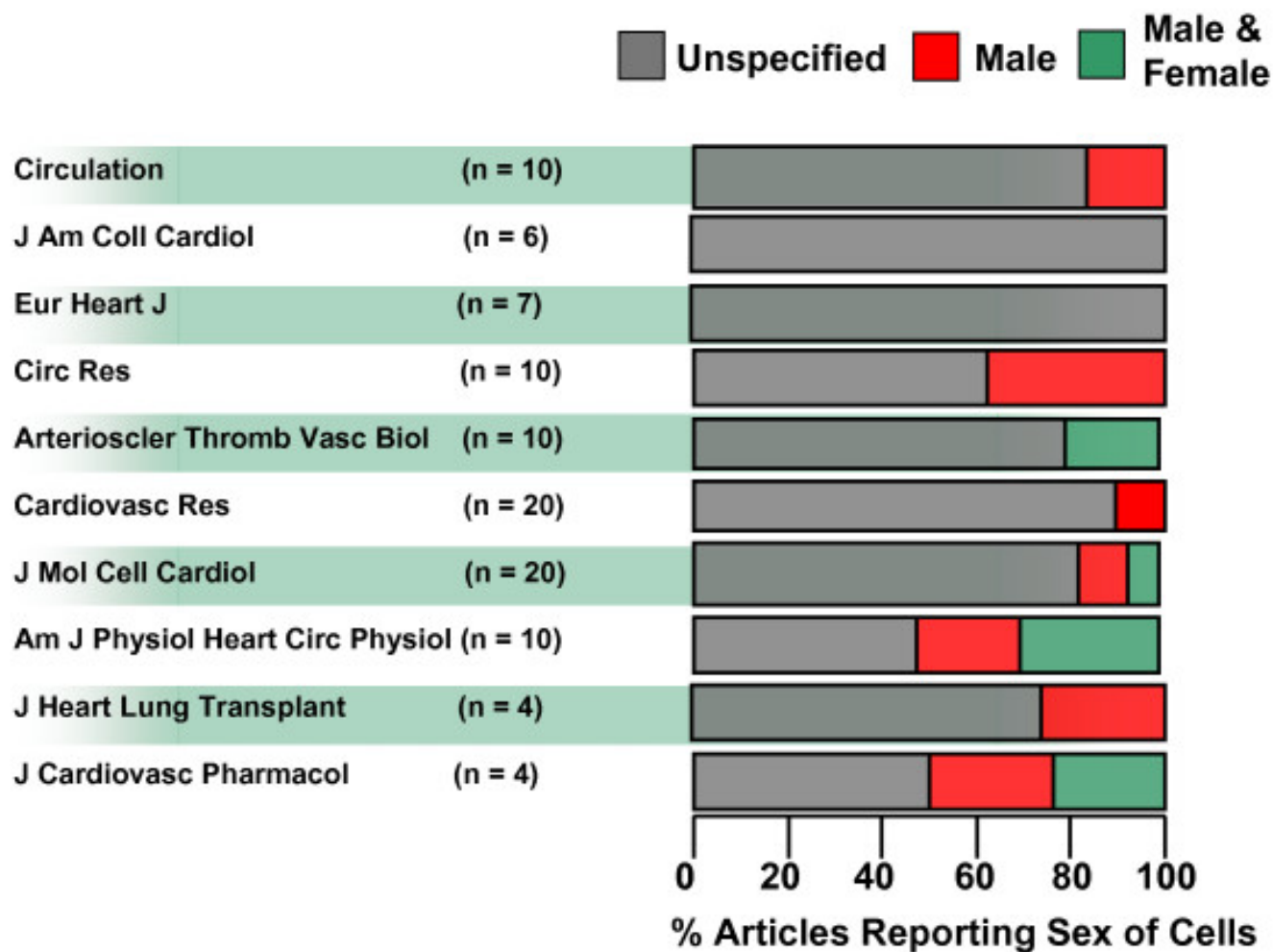
Beery, A., & Zucker, I. (2011). Sex Bias in Neuroscience and Biomedical Research. *Neuroscience and Biobehavioral Reviews*, 35 (3), 565-572.



Proportion of 2009 journal articles in specified biomedical subfields that report the use of male animals only, female animals only, both males and females, or provide no information on sex (Beery et al., 2011). Reprinted with permission.

Taylor, K., Vallejo-Giraldo, C., Schaible, N., Zakeri, R., & Miller, V. (2011). Reporting of Sex as a Variable in Cardiovascular Studies using Cultured Cells. *Biology of Sex Differences*, 2 (11), 1-7.

## Percentage of articles reporting sex of cells used in the experiments





# Gendered Innovations

in Science,  
Health & Medicine,  
and Engineering

[Home](#) | [Contributors](#) | [Links](#) | [Contact Us](#)

Search The Site

What is **Gendered Innovations**?

SEX & GENDER ANALYSIS

Methods

Terms

Checklists

CASE STUDIES

Science

Health & Medicine

Engineering

POLICY

INSTITUTIONAL  
TRANSFORMATION

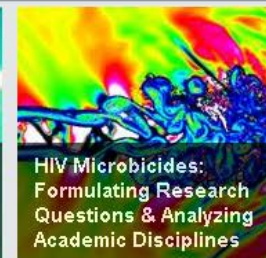
Sign up for updates 

How to cite website 



ENGINEERING  
HEALTH & MEDICINE  
SCIENCE

FEATURED CASE STUDIES



Why Gendered Innovations?

**“Gendered Innovations”** employs methods of sex and gender analysis to create new knowledge.



[Terms of Use](#) | [Site Map](#)





To Follow along, go to:

- [genderedinnovations.eu](http://genderedinnovations.eu)