



**Barcelona  
Supercomputing  
Center**

*Centro Nacional de Supercomputación*



**EXCELENCIA  
SEVERO  
OCHOA**

# The Barcelona Supercomputing Center

Nataly Buslón, PhD.

Equity, Diversity Inclusion Officer | PostDoctoral Researcher

**Gendered  
Innovations** | in Science,  
Health & Medicine,  
Engineering, and  
Environment



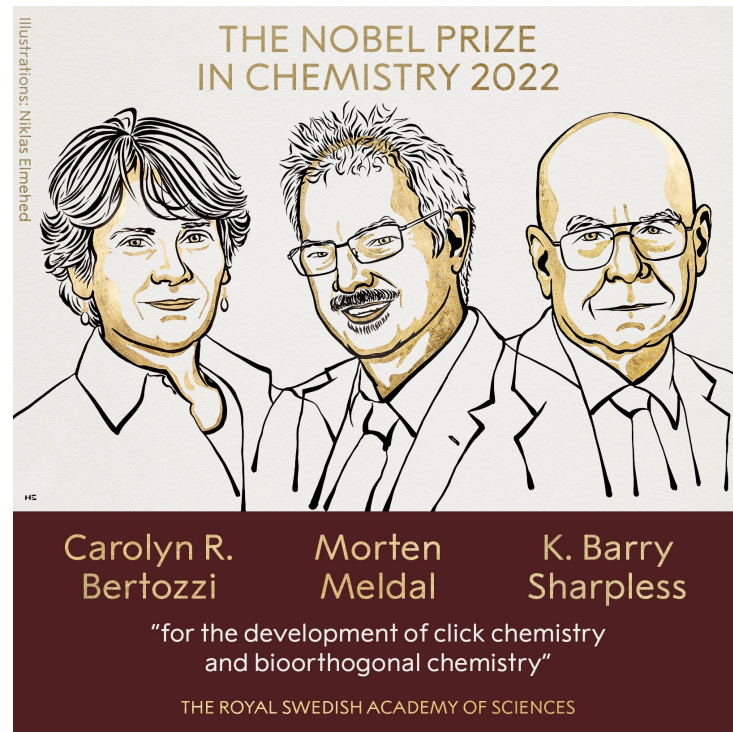
# Carolyn Bertozzi

## Interview

AS: Of course people will focus on the fact that **you're only the eighth woman to have been awarded the chemistry prize**. How does that, sort of, sit with you?

CB: Well, that definitely adds a layer of **gravity to the occasion**. You know, I've been in environments where a woman wins a prize and she's the first woman to win a prize, or there's very few, and I can't help but **think about all the women who came before me, who did spectacularly important work, every bit as important as anything I've done, but didn't have the opportunity to be recognised**. So I think it's... I love that the numbers tick up. I wish that they ticked up more broadly. I think **the fact that they are ticking up is very positive**. (...) And I'm sure **there'll be many more in the future**. I mean, **there's so many amazing women scientists**. And I think **we'll see them coming up more and more**. (...) I think things are looking so much better, and there are so many visible women now. I think there's just every reason to be optimistic.

## THE NOBEL PRIZE





# Objectives BSC & Gendered Innovations

- Define a database of researchers in Spain working on Sex and gender perspectives: *Science, Health & Medicine, Engineering & Technology and the Environment*
- Analyze possible collaborations between BSC related to Gendered Innovations Project: objectives, requirements, commitments, members, etc.
- Review content of the *BSC Ph.D. Course* based on Gender in Design Stanford Resources: <http://genderindesign.com/resources/>
- Improve the guidelines of the BSC: *Introduction of the sex and gender perspective in research*: a. EU and national project, b. Dataset information and c. Master, Ph.D.
- Analyze BSC case studies for the Gendered Innovations Project: Earth Sciences, Computer Sciences and Life Sciences. Examples:
  - [Climate change and gender-based health disparities](#)
  - [QUSTom Quantitative Ultrasound Stochastic Tomography](#)
  - [XY-CANGEN: Deciphering the role of biological sex in cancer genetics](#)
  - [Gender differences: Apprenticeships and social mobility](#)
  - [Interpreting molecular similarity between patients as a determinant of disease comorbidity relationships](https://pubmed.ncbi.nlm.nih.gov/32504002/)



# Objectives BSC & Stanford University

- Analyze possible collaborations between: *Women Data Science Stanford* and *Human-Center Artificial Intelligence Stanford*.
- Check the resources of the *Equity, Diversity & Inclusion Office*
- Analyze the *Sexual Harassment Support & Services* of Stanford
  - <https://sustainability.stanford.edu/our-community/dei>
  - <https://www.gsb.stanford.edu/experience/diversity-equity-inclusion>
  - <https://vpge.stanford.edu/diversity-initiatives/overview>
  - <https://gender.stanford.edu/>
  - <https://equity.stanford.edu/sexual-harassment-support>
  - <https://stanford.app.box.com/s/mgjk3k4fwj81wsecmn9ufjr8zgzth0ii>
  - <https://vpge.stanford.edu/academic-guidance/advising-mentoring/mentoring-resources>



Stanford University

## Stanford | Queer Student Resources

Search this site

Home Spaces Resources Community Opportunities Events Gender Inclusive Stanford (GIS)

QT Umbrella Assistance Fund QSR Fellowship Wellness

### All-Gender Restrooms

First Aid Kit for Queer Family Holidays

SOSAS

In recent years, more and more buildings, residences and offices at Stanford have added gender-inclusive restrooms. Most of these are single-stall restrooms, though new efforts are underway to designate multi-stall restrooms with enhanced privacy features as gender-inclusive restrooms. The university is



# Barcelona Supercomputing Center Centro Nacional de Supercomputación

## Stanford University



**Gendered Innovations** in Science, Health & Medicine, Engineering, and Environment

Gendered Innovations Project  
Humanities Center



DESIGN FOR

Stanford d.school  
University Innovation



Stanford University  
Human-Centered  
Artificial Intelligence

HAI Human-Centered  
Artificial Intelligence



**WOMEN IN DATA SCIENCE**  
STANFORD UNIVERSITY

Women in Data Science  
WIDS Stanford

**Gendered  
Innovations** in Science,  
Health & Medicine,  
Engineering, and  
Environment

Gendered Innovations Project  
Humanities Center

# Gendered Innovations



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SEVERO  
OCHOA**



# Gendered Innovations Project Stanford University

Londa Schiebinger is the John L. Hinds Professor of History of Science in the History Department at Stanford University and **Director of the EU/US Gendered Innovations in Science, Health & Medicine, Engineering, and Environment Project**. From 2004-2010, Schiebinger served as the **Director of Stanford's Clayman Institute for Gender Research**.

Professor Schiebinger received her **Ph.D. from Harvard University** in 1984 and is a **leading international authority on gender and science**. Over the past thirty years, Schiebinger 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**.



# Gendered Innovations Project Stanford University

## Three Strategic Approaches



### 1. Improve numbers

*focuses on increasing women's and underrepresented groups' participation*

### 2. Improve institutions

*promotes inclusive equality in careers through structural change in research organizations*

### 3. Improve knowledge or Gendered Innovations

*stimulates excellence in science and technology by integrating sex, gender, and intersectional analysis into research.*

# Gendered Innovations Project Stanford University

Gendered Innovations was initiated at Stanford University, July 2009. From 2011-2013, the European Commission funded an Expert Group, "Innovation through Gender/Gendered Innovations" under their Framework Programme 7, aimed at developing the gender dimension in EU research and innovation. The U.S. National Science Foundation joined the project January 2012. From 2018-2020, the Horizon 2020 Expert Group, Gendered Innovations (G12), updated and expanded the Gendered Innovations methods and case studies.



The screenshot shows the website's layout. At the top, a dark red header contains the title "Gendered Innovations" in white, followed by the subtitle "in Science, Health & Medicine, Engineering, and Environment". To the right of the header is a search bar and navigation links: Home, Contributors, Links, Translations, and Contact Us. Below the header is a main content area with a large image of Leonardo da Vinci's Vitruvian Man. To the right of this image is a vertical navigation bar with categories: ENVIRONMENT, ENGINEERING, HEALTH & MEDICINE, and SCIENCE. Below the Vitruvian Man image is a section titled "HEALTH & MEDICINE Sex and Gender Methods for Research" with a "Gendered Innovations" button. To the left of the main content is a sidebar with a menu: "What is Gendered Innovations?", "SEX & GENDER ANALYSIS" (with sub-items: General Methods, Specific Methods, Terms, Checklists), "CASE STUDIES" (with sub-items: Science, Health & Medicine, Engineering, Environment), "INTERSECTIONAL DESIGN", "POLICY RECOMMENDATIONS", "VIDEOS", "Facebook", and "How to cite website". Below the sidebar is a "FEATURED CASE STUDIES" section with three cards: "Marine Science: Analyzing Sex" (with a clownfish image), "Chronic Pain: Analyzing How Sex and Gender Interact" (with an illustration of people), and "Facial Recognition: Analyzing Gender and Intersectionality in Machine Learning" (with a face and circuitry image). To the right of the featured case studies is a text box titled "Why Gendered Innovations?" containing the text: "Gendered Innovations employs methods of sex, gender, and intersectional analysis to create new knowledge."



# Gendered Innovations Project Stanford University

Editorials

nature

## Accounting for sex and gender makes science better

The European Commission is set to insist on steps that will make research design more inclusive.

At the end of last month, the European Commission announced that its grant recipients will be required to incorporate sex and gender analyses into the design of research studies.

The policy will affect researchers applying for grants that are part of the commission's seven-year, €85-billion (US\$100-billion) Horizon Europe programme, which is due to begin next year.

The funding is still awaiting sign-off from the European Union's 27 member states. But if all goes to plan, the commission will be the largest funder to require sex and gender analyses – alone with analyses of other aspects of inclu-

because women had not been properly represented among trial participants when the drugs were first evaluated.

Although sex and gender analysis is improving in drugs trials, it remains a work in progress in many fields, Londa Schiebinger, a science historian at Stanford University in California, told *Nature* (see page 319). Researchers have been highlighting the harms caused by failing to account for sex and gender for decades, but it wasn't until after the turn of the millennium that funding bodies really started to address the problem. The Canadian Institutes of Health Research began to request that analyses of sex and gender be included in grant applications in 2010, and the US National Institutes of Health followed suit in 2016.

The European Commission began asking grant recipients to include sex and gender analysis in their research design in 2013, a request which, by 2020, covered around one-third of research fields. But according to later evaluation reports, fewer researchers than expected implemented this request.

An analysis of researchers funded by the Canadian Institutes of Health Research, published in 2014, revealed that some had pushed back when asked to consider sex and gender\*. And both this analysis and the European Commission's evaluation highlighted that some grant recipients used sex (which refers to biological characteristics) interchangeably with gender (which is a social construct

“**Researchers have been highlighting the harms**”

**Gendered Innovations** in Science, Health & Medicine, Engineering, and Environment

**GENDERED INNOVATIONS**  
in SCIENCE  
and ENGINEERING

Edited by

LONDA SCHIEBINGER

**BSC**  
**Barcelona Supercomputing Center**  
Centro Nacional de Supercomputación



**GENDERED INNOVATIONS 2:**  
How Inclusive Analysis Contributes to Research and Innovation

Policy Review

Research and Innovation



Science



Science

< BACK TO VOL. 377, NO. 6614

🔒 | POLICY FORUM | DIVERSITY



## A framework for sex, gender, and diversity analysis in research

Funding agencies have ample room to improve their policies

LILIAN HUNT, MATHIAS WULLUM NIELSEN, [...] LONDA SCHIEBINGER

+1 authors

[Authors Info & Affiliations](#)

SCIENCE • 29 Sep 2022 • Vol 377, Issue 6614 • pp. 1492-1495

DOI: 10.1126/science.abp9775

SEX AND GENDER BIAS IN  
TECHNOLOGY AND ARTIFICIAL  
INTELLIGENCE APPLIED TO  
BIOMEDICINE AND HEALTHCARE

Edited by  
DAVIDE CIRILLO, SILVINA CATUARA-SOLARZ, EMRE GUNEY



ELSEVIER

ISBN: 9780128213926

*“It’s a must read for anyone working in this area; the materials presented here should be integrated into medical school curricula.”*

**Londa Schiebinger**

John L. Hinds Professor of History of Science, Stanford University  
Founding director, Gendered Innovations in Science, Health & Medicine, Engineering, and Environment



RESEARCH  
PROGRAMME  
ON BIOMEDICAL  
INFORMATICS



<https://www.elsevier.com/books/sex-and-gender-bias-in-technology-and-artificial-intelligence/cirillo/978-0-12-821392-6>

# SEX AND GENDER BIAS IN TECHNOLOGY AND ARTIFICIAL INTELLIGENCE APPLIED TO BIOMEDICINE AND HEALTHCARE

Edited by  
DAVIDE CIRILLO, SILVINA CATUARA-SOLARZ, EMRE GUNEY



ELSEVIER

*“It’s a must read for anyone working in this area; the materials presented here should be integrated into medical school curricula.”*

## Londa Schiebinger

John L. Hinds Professor of History of Science, Stanford University  
Founding director, Gendered Innovations in Science, Health & Medicine, Engineering, and Environment

### CHAPTER 2

## Sex and gender inequality in precision medicine: Socioeconomic determinants of health

Nataly Buslón<sup>a,b</sup>, Sandra Racionero-Plaza<sup>c</sup>, and Atia Cortés<sup>a,b</sup>

<sup>a</sup>Barcelona Supercomputing Center (BSC), Barcelona, Spain

<sup>b</sup>Bioinfo4Women (B4W), Barcelona, Spain

<sup>c</sup>Universitat de Barcelona (UB), Barcelona, Spain

#### Abstract

Both Human Rights and United Nations' Sustainable Development Goals make clear that addressing the challenge of achieving an inclusive precision medicine, which does not leave women behind, is not a question of choice but a must. In this regard, the biomedical, artificial intelligence, and clinical research fields have a unique opportunity to make a difference. Yet, attaining those rights and goals implies acknowledging that not everyone has the same opportunities and outcomes in health. This has been well explored by the literature on social determinants of health, which points to differences in health status and outcomes as affected by socioeconomic factors, such as socioeconomic status, geographical location, and education. Sex and gender are the key factors, and current scientific literature has already reported specific ways in which they affect health status and experiences with the

### CHAPTER 11

## Societal and ethical impact of technologies for health and biomedicine

Atia Cortés<sup>a,b,c</sup>, Nataly Buslón<sup>a,b,c</sup>, and Liliانا Arroyo<sup>d</sup>

<sup>a</sup>Life Sciences—Social Link, Analytics Life Sciences Group, Barcelona, Spain

<sup>b</sup>Barcelona Supercomputing Center (BSC), Barcelona, Spain

<sup>c</sup>Bioinfo4Women (B4W), Barcelona, Spain

<sup>d</sup>Department of Society, Politics and Sustainability (ESADE), Ramon Llull University, Barcelona, Spain

#### Abstract

The healthcare sector has been an early adopter of new technologies such as artificial intelligence, nanotechnology, or genome sequencing. They are expected to improve healthcare systems and augment practitioners' skills. The deployment of wearable sensors and healthcare trackers are empowering individuals, making them self-aware of their wellbeing but also turning them into data donors. Personal data are essential to train machine learning models used to support healthcare professionals in decision making. However, it is extremely relevant to consider the power of the (mis-)represented population in



# Gendered Innovations Project Stanford University

## Agreement

The Barcelona Supercomputing Center is collaborating with Gendered Innovations at Stanford University, funded by the European Commission and the National Science Foundation. **The aim is to enhance sex, gender, and intersectional analysis (SG&IA) in research and stimulate gender-responsible science and technology, thereby enhancing the quality of life for women, men, and non-binary people worldwide.**

## Mission

- 1) develops practical methods of sex, gender, and diversity analysis for scientists and engineers;
- 2) provides case studies and project examples as concrete illustrations of how sex, gender, and intersectional analysis lead to innovation and better science.



Home / Discover BSC / Equity, Diversity & Inclusion

- < Home
- < Discover BSC
- ▼ Equity, Diversity & Inclusion

## Equity, Diversity & Inclusion

Edit Translate

Clone content

Gender Equity Plan

Programme for the promotion of Women at BSC

Measures against gender-based violence including sexual harassment

Integration of the sex/gender dimension into research

Reconciling Work and Life

Diversity & Inclusion

### Navigation

- Add content
- Manage Outstanding News
- Contact People
- User Manual



# Gendered Innovations Project Stanford University



## Actions

- SG&IA course for Ph.D. BSC students using the Gendered Innovations website or Intersectional Design Cards.
- Workshops for researchers focus on Principal investigators (PI) on how to avoid sex and gender bias in science and develop their project tools to introduce sex, gender, and intersectional analysis.
- Research groups in all the departments to share and define new resources based on Gendered Innovations methods and case studies.
- Scientific Seminars to present research being conducted within the BSC and also with invited researchers in the STEM field.
- Define indicators for projects on how to introduce SG&IA analysis for BSC research projects with recommendations from Gendered Innovations.

### Environment Case Studies

Demonstrate Methods Of Sex And Gender Analysis

This page provides practical examples of how sex and gender analysis leads to gendered innovations.

 Agriculture: Embedding Gender Norms in Innovation Processes	 Climate Change	 Environmental Chemicals: Designing Health & Biomedical Research
 Urban Design: Analyzing Gender	 Marine Science: Analyzing Sex	 Menstrual Cups: Life-Cycle Assessment
 Population & Climate Change: Gender Impact Assessment	 Quality Urban Spaces: Gender Impact Assessment	 Smart Energy Solutions: Intersectional Approaches

### Engineering & Technology Case Studies

Demonstrate Gender Methods In Design

This page provides practical examples of how sex and gender analysis leads to gendered innovations.

 Assistive Technologies for the Elderly	 Domestic Robots: Intersectional Approaches	 Extended Virtual Reality: Analyzing Gender
 Facial Recognition: Analyzing Gender & Intersectionality	 Gendering Social Robots: Analyzing Gender	 Haptic Technology: Analyzing Gender
 HIV Microbicides: Rethinking Research Priorities and Outcomes	 Inclusive Crash Test Dummies: Rethinking Standards & Reference Models	 Human Thorax Model: Rethinking Standards and Reference Models
 Machine Learning	 Machine Translation: TRANSLATION	 Making Machines Talk: Analyzing Gender

# Gendered Innovations Project Stanford University

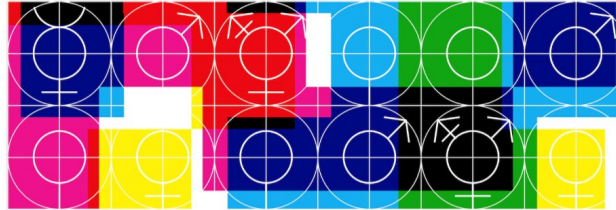
d.   
HASSO PLATTNER  
Institute of Design at Stanford

Beyond Pink & Blue: Gender in Tech  
Spring Quarter, 2017



[About](#) [Workshops](#) [Digital Experience](#) [Contact](#)

## EMPATHY FIELDGUIDE



### Gender Checklist

1. Where have \_\_\_\_\_ processes been blind or biased with respect to sex and gender?
2. When differences between men/women considered, are they based on stereotypes?
3. What markets/business opportunities have been missed by failing to understand gender factors influencing a project?
4. How have designers and or technologists or business people been blind to potential differences of sex and gender (in your challenge context). How has this resulted in missed business opportunities? Have certain groups of people being left out? If so, who?
5. How has treating "women" and "men" as homogenous groups ignored differences among women and \_\_\_\_\_

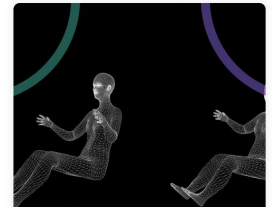


## Intersectional Design Cards

These cards are designed to help teams explore and develop intersectional design solutions.

### WHY?

- Navigate assumptions and biases
- Integrate intersectional thinking into your product
- Course correct
- Identify new markets and



<https://intersectionaldesign.com/>



# Gendered Innovations Project Stanford University

 **Nataly Buslón, PhD** @BuslonNataly · Oct 7, 2022

Great @BSC\_CNS PhD Training Programme !! [👏](#) by BSC Education and Training Office @RiberaSancho

➔ Proud of organize the session with @Davide\_Cirillo @atcortesm explaining: How to introduce the sex, gender, and diversity analysis in research (SG&DA). 🔍



Bioinfo4Women and BSC-CNS

1   4   28

## Bias in Science

Sex and Gender Perspective in AI



Nataly Buslón, PhD  
Davide Cirillo, PhD  
Atia Cortés, PhD



- SG&IA course for Ph.D. BSC students using the Gendered Innovations website or Intersectional Design Cards.
- Workshops for researchers focus on Principal investigators (PI) on how to avoid sex and gender bias in science and develop their project tools to introduce sex, gender, and intersectional analysis.

**Intersectional  
Design Cards**



A Design Activity to Create Radically Inclusive  
Products, Processes, and Paradigms

# Gendered Innovations Project Stanford University

- **Research groups** in all the departments to share and define **new resources** based on **Gendered Innovations methods and case studies**.
- **Scientific Seminars** to present research being conducted within the BSC and also with invited researchers in the STEM field.



GENDER EQUITY PLAN



PROGRAMME FOR THE PROMOTION OF WOMEN AT BSC



MEASURES AGAINST GENDER-BASED VIOLENCE INCLUDING SEXUAL HARASSMENT



INTEGRATION OF THE SEX/GENDER DIMENSION INTO RESEARCH

## BSC Projects

### EARTH SCIENCES

[Climate change and gender-based health disparities](#)

HARMONIZE: Harmonizing multi-scale spatiotemporal data for health in climate change hotspots

### CASE

[QUSTom Quantitative Ultrasound Stochastic Tomography](#)

[Gender differences: Apprenticeships and social mobility](#)

### LIFE SCIENCES

XY-CANGEN: Deciphering the role of biological sex in cancer genetics

[Interpreting molecular similarity between patients as a determinant of disease comorbidity relationships](#)  
<https://pubmed.ncbi.nlm.nih.gov/32504002/>

[Dealing with gender bias and stereotyping in the "MULTilingual Transfer learning for the Inclusion of vulnerable social groups \(MULTI\)" project](#)

## BSC Seminar Series: "An inclusive future for science: Taking action on equity & diversity"

# Gendered Innovations Project & GENDER\_NET Plus

- Define indicators for projects on how to introduce SG&IA for BSC research projects with recommendations from Gendered Innovations.



MINISTERIO DE CIENCIA E INNOVACIÓN



nº	Category	Indicators
1	Project Management	Composition of the consortium gender and diversity(no./type/country of partners involved)
2	Project Management	Training on IGAR (no./%women,men, other)
3	Project Management	Training on gender equality in the research team (no./%women, men, other)
4	Project Management	Equity, Diversity and Inclusion Committee consortium (no.%women, men, other)
5	Gender Equality	Gender balance in the whole consortium (no./% women/men/other)
6	Gender Equality	Presence of women as lead resarchers/Pis in the project (no./%women, men, other)
7	IGAR - Integration of gender	Data collection tools capture information relevant to sex/gender
8	IGAR - Integration of gender	The variables used highlight the relationship between the SDGs issues studied and gender factors
9	IGAR - Integration of gender	The project brings out differences/inequalities between women and med in the field (if any)
10	Dissemination and communic	Presentations in conferences/workshops vs. Other conferences/workshops (no.)
11	Dissemination and communic	Training conducted in the framework of the project (no./% women, men, other attendees, )
12	Dissemination and communic	Co-organized conferences linked to the project (no./% women, men, other attendees)
13	Dissemination and communic	Quality of the dissemination activities (gender perspective, inclusive language, innovative approach...)
14	Research outputs	Presence of women as first authors in academic papers (no. /% women, men, other)
15	Research outputs	Positive impact of the project on gender equality/scientific evidence on gender in the field
16	Research outputs	Academic papers in gender vs. Other journals (no.)
17	Socio-Economic impact	Research jobs created as a results of the project (no.)
18	Socio-Economic impact	Presence of young researchers (no. <35, /% women, men, other)
19	Socio-Economic impact	Contribution to the achievement of UN Sustainable Development Goals (SDGs)
20	Socio-Economic impact	Impact on governance, involvement of policy makers/civil society



GENDER-NET Plus @GENDER\_NET\_Plus · Nov 21, 2022

A warm thank you to all the participants & guest speakers who attended the @GENDER\_NET\_Plus Workshop "Integrating Gender Analysis into Research" on Nov 16-17 in Paris & online ! 🌟

Recordings of the sessions & slides from the presentations will soon be available on our website!



<https://gender-net-plus.eu/>

Paper: BSC Proposals SG&IA definition EU









Stanford d.school  
University Innovation

# Stanford d.school



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# Stanford d.school



Leticia Britos Cavagnaro, Ph.D., is co-Director of the **University Innovation Fellows**, a program of the Hasso Plattner **Institute of Design (d.school)**

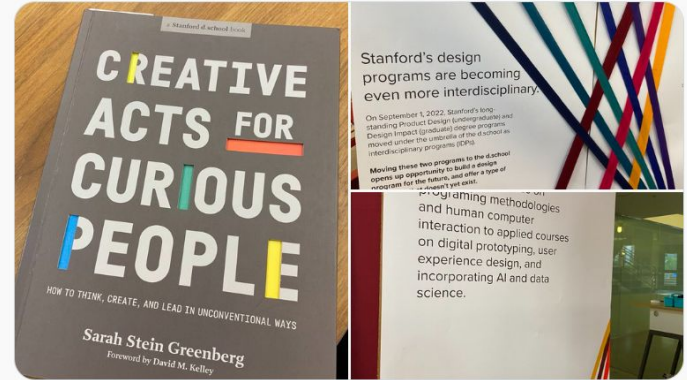


Everyone has the capacity to be creative. At the [/d.school](#), people use design to develop their creative potential and apply it to the world.



Nataly Buslón, PhD @BuslonNataly · Oct 28, 2022

Thank you @LeticiaBritosC and all inspiring educators @aamogos @stanforddschool. It is great to learn new actions, design, think and explore actionable approaches to ethics and responsible innovation in [#ArtificialIntelligence](#) @BSC\_CNS



🗨️ 2 ❤️ 14 📊 📌



Mariya Gabriel @GabrieliMariya · Oct 5, 2022  
@stanforddschool presentation 📄 Director @LeticiaBritosC & inspiring women innovators & educators.

👉 A unique place where design & innov' accompanies strategic investment, social entrepreneurship & synergies 🔄 startups & big corporations.

Thank you all for your welcome!

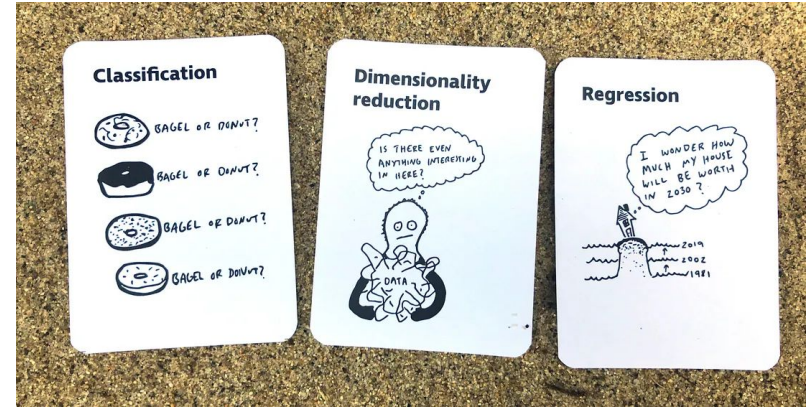
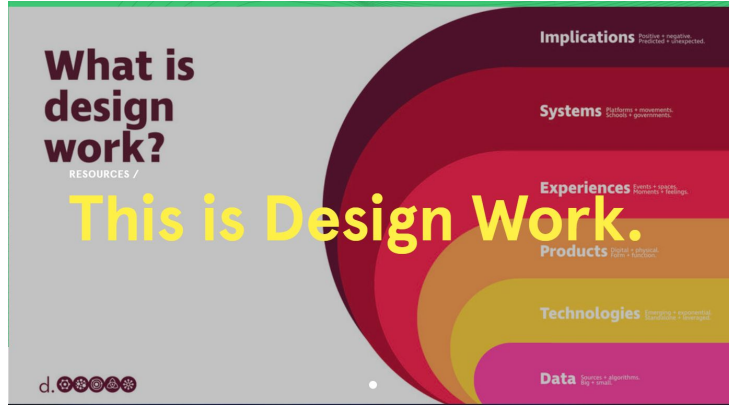


EU in the U.S. and 9 others

🗨️ 3 🔄 15 ❤️ 22 📊 📌

Mariya Gabriel is **European Commissioner for Innovation, Research, Culture, Education and Youth.**

# Stanford d.school

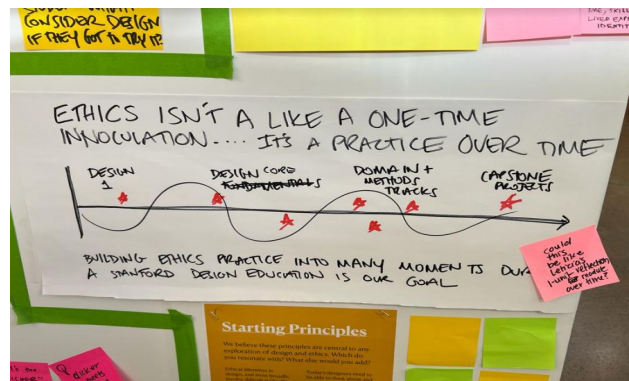




# Stanford d.school



**Gendered Innovations** in Science, Health & Medicine, Engineering, and Environment



## BSC Seminar Series & Training Courses





Stanford University  
Human-Centered  
Artificial Intelligence

HAI Human-Centered  
Artificial Intelligence

# HAI Human-Centered AI



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OCHOA**

# HAI Human-Centered Artificial Intelligence



Stanford HAI @StanfordHAI · Sep 28, 2022

To realize the greatest benefits from AI systems, they must work for people regardless of race, gender, age, disability, and other protected traits. Join the #AIAuditChallenge to help build tools that detect bias and discrimination in deployed AI systems. [stanford.io/3RfbxJq](https://stanford.io/3RfbxJq)



**Londa Schiebinger**

John L. Hinds Professor of  
the History of Science,  
Stanford University



**Ting-An Lin**

HAI-EIS Fellow



**Diana Acosta Navas**

HAI-EIS Embedded Ethics  
Fellow



**Faye-Marie Vassel**

STEM Education, Equity,  
and Inclusion  
Postdoctoral Fellow



**Benji Xie**

HAI-EIS Embedded Ethics  
Fellow



**Barcelona Supercomputing Center**  
Centro Nacional de Supercomputación

## BSC Seminar Series & UPC EthICS Programme

# Women in Data Science



**WOMEN IN DATA SCIENCE**  
STANFORD UNIVERSITY

Women in Data Science  
WIDS Stanford



**Barcelona  
Supercomputing  
Center**  
Centro Nacional de Supercomputación



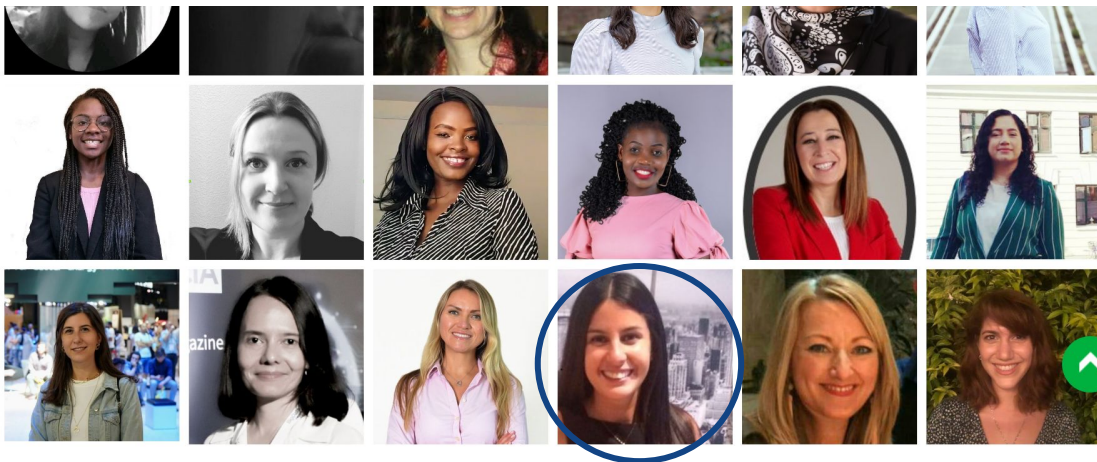
**EXCELENCIA  
SEVERO  
OCHOA**



WOMEN IN DATA SCIENCE  
STANFORD UNIVERSITY

# Women in Data Science WIDS Stanford

WiDS Ambassadors in Europe, the Middle East, and Africa (EMEA)



## New BSC events and travels protocol



# Women in Data Science

## WIDS Stanford



**WOMEN IN DATA SCIENCE**  
STANFORD UNIVERSITY

### WiDS Elevates Women in Data Science Globally

WiDS celebrates, inspires, educates and supports through extensive programming



#### Conferences

Central @Stanford  
~200 regional events  
120K participants



#### Datathon

Annual, global  
4000+ participants



#### Podcasts

English & Spanish  
Listened to in  
170 countries



#### WiDS Next Gen

Educational  
Outreach  
In many countries



#### Workshops

Monthly, virtual  
Taken by thousands



WOMEN IN DATA SCIENCE  
STANFORD UNIVERSITY

# Women in Data Science WiDS Stanford BSC

WiDS Ambassador



WiDS 2023 Ambassador. Nataly Buslón Valdez, Equity, Diversity & Inclusion Officer at Barcelona Supercomputing Center. She is planning a internal seminar series with researchers from Life Sciences, Earth Sciences, CASE and Computer Sciences departments.



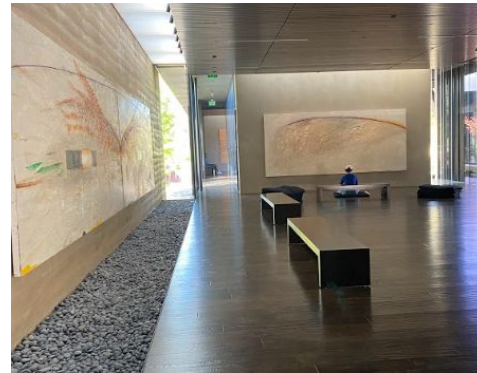
## Internal Conference Seminar #WomenInBSC



# Stanford Campus Life



# Stanford Campus Life







**Barcelona  
Supercomputing  
Center**

*Centro Nacional de Supercomputación*

**Thank you for this  
great opportunity  
and all the support!**



**EXCELENCIA  
SEVERO  
OCHOA**

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Equity, Diversity Inclusion Officer | PostDoctoral Researcher

