



¿Cómo tener más matemáticas? Una visión mundial

Natalia García-Colín, CONACYT-INFOTEC



The World Academy of Sciences
for the advancement of science in developing countries



Artículo 1.

Todos los seres humanos nacen libres e iguales en dignidad y derechos y, dotados como están de razón y conciencia, deben comportarse fraternalmente los unos con los otros.

La Declaración Universal de Derechos Humanos

UN



The screenshot shows the homepage of the United Nations Development Programme's Sustainable Development Goals website. At the top, there is a navigation bar with links for "Home", "Sustainable development", "Sustainable goals", "Discover results", "Measuring progress", "What we do", "Our focus", "Take action", "More", and "Donate". Below the navigation bar, the UNDP logo is displayed, followed by the text "UNITED NATIONS DEVELOPMENT PROGRAMME" and "SUSTAINABLE DEVELOPMENT GOALS". A search bar and a "DONATE" button are also present. The main content area features the title "SUSTAINABLE DEVELOPMENT GOALS" with a colorful circular graphic. Below this, a grid of 17 colored boxes, each representing one of the Sustainable Development Goals, is shown. The boxes are arranged in four rows: Row 1: Poverty (red), Zero Hunger (orange), Good Health and Well-being (green), Quality Education (blue); Row 2: Decent Work and Economic Growth (yellow), Industry Innovation and Infrastructure (orange-red), Reduced Inequalities (pink), Sustainable Cities and Communities (orange); Row 3: Affordable Clean Energy (yellow), Decent Work and Economic Growth (orange), Industry Innovation and Infrastructure (orange-red), Reduced Inequalities (pink); Row 4: Climate Action (green), Life Below Water (blue), Life on Land (green), Peace Justice and Strong Institutions (blue), Partnerships for the Goals (dark blue), and a "SUSTAINABLE DEVELOPMENT GOALS" summary box.

Programa de desarrollo sostenible



Objetivos

•

- **Adoptar y fortalecer políticas sólidas** y legislación aplicable para la promoción de la igualdad de género y el empoderamiento de todas las mujeres y niñas en todos los niveles.

GOAL 5 TARGETS

- End all forms of discrimination against all women and girls everywhere
- Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation
- Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation
- Recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family as nationally appropriate
- Ensure women's full and effective participation and equal opportunities for leadership at all levels of decisionmaking in political, economic and public life
- Ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Programme of Action of the International Conference on Population and Development and the Beijing Platform for Action and the outcome documents of their review conferences
- Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws
- Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women
- Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels





Organización :
de las Naciones Unidas
para la Educación,
la Ciencia y la Cultura

UN

Todos los organismos de las Naciones Unidas, incluida la **UNESCO**, deben **promover la igualdad de género en el marco de su mandato.**



Gender Equality

Division

- » Introduction
- » Mandate
- » Contact us

Tools

Resources

Introduction: A Little History

Gender Equality



Global Priority



© UNESCO. Bonelli

Since its inception over 70 years ago, UNESCO has been at the forefront of the efforts to support women's rights, women's empowerment, and gender equality.

In a landmark decision during the 34th Session of the General Conference in 2007, UNESCO made its greatest commitment thus far to the achievement of gender equality by designating Gender Equality as one of two Global Priorities for the 2008-2013 Medium-Term Strategy. This commitment was renewed in the 2014-2021 Medium-Term Strategy. Gender Equality also constitutes a key pillar of the mandate of UNESCO's first woman Director-General (2009 - present).

Por lo tanto, en 2008, se identificó la igualdad de género como una de las dos principales prioridades de la UNESCO.

UNESCO

Gender Equality



Global Priority



Hoy en día, las mujeres representan solo el 30% de los investigadores del mundo, e incluso porcentajes más bajos en niveles más altos de toma de decisiones.

Gender Equality



Global Priority



UNESCO

Si se acepta ampliamente que la creación de conocimiento y **comprensión a través de la ciencia** nos permitirá encontrar soluciones a los desafíos económicos, sociales y ambientales actuales, para lograr un desarrollo sostenible en todo el mundo, **la ciencia no puede seguir despojándose de todo el potencial científico de más de la mitad de la población del planeta.**



Proyectos e Iniciativas

Improving measurement of gender equality in STEM

- Women in Science: Explore the data
- STEM and Gender advancement

unesco.org

Diversity-DIS Group... Building peace in H... Supporting women... Gender equality in... Improving measure... unesco.unesco.org... Women in Science... UNESCO USA STEM and Gender A...

Français

UNESCO Education Natural Sciences Social and Human Sciences Culture Communication and Information Media Services

About us Science & Technology Environment IOC Oceans Priority Areas Special Themes Resources

 United Nations Educational, Scientific and Cultural Organization

GENDER AND SCIENCE

UNESCO > Natural Sciences > Priority Areas > Gender and Science > Improving measurement of Gender Equality in STEM

A A+   

Gender and Science

Supporting women scientists

Improving measurement of Gender Equality in STEM

- Women in Science: Explore the Data
- STEM and Gender Advancement (SAGA)
- Gender Sensitive Water Monitoring, Assessment and Reporting

Women's participation in policy-making processes

Cross-cutting issues

Improving measurement of gender equality in STEM



© L'Oréal Foundation
Aida Shabani, 2014 UNESCO-L'Oréal International Fellow (Jordan)

Currently, there is a large imbalance in the participation of women in science, technology, engineering and mathematics (STEM), compared with the participation of men, in particular at the more advanced career levels. Globally, women are the most under-represented not at the entry into science education as children or youth, but starting in graduate studies, with a "leaky pipe" of career development, so that at every step up the level of status and responsibility, women become rarer.

There are various possible explanations for this gender imbalance, and a large amount of anecdotal evidence, but solid information is still lacking. In fact, the growing demand for cross-nationally comparable statistics on the representation of women in STEM is only slowly starting to be met.

Yet, the lack of data and indicators, as well as of available analytical studies, can obstruct the design, monitoring, and evaluation of policies aimed at successfully tackling the issue of gender inequality in STEM. Effective STEM policies need to be evidence-based and hence supported by relevant statistics and indicators. There is an urgent need to develop new indicators and methods to collect and analyze sex-disaggregated data on women's participation in STEM around the world, in order to elaborate and implement appropriate solutions.

Projects and initiatives



Women in Science: Explore the data worldwide
Through its worldwide data collection activities, the UNESCO Institute for Statistics (UIS) determines, measures and assesses sex-disaggregated data in 191 countries and territories.

RELATED INFORMATION

- Historical perspective
- Fact sheets
- Resources & publications
- Women in Science: Explore the data interactive tool



Strategic documents

- UNESCO's Promise: Gender Equality – a Global Priority (pdf)
- Priority Gender Equality Action Plan for 2014-2021 (pdf)
- Is the gender gap narrowing in science and engineering? (pdf)
From: UNESCO Science Report, Towards 2030



International Day of Women and Girls in Science
11 February 2017

Highlights

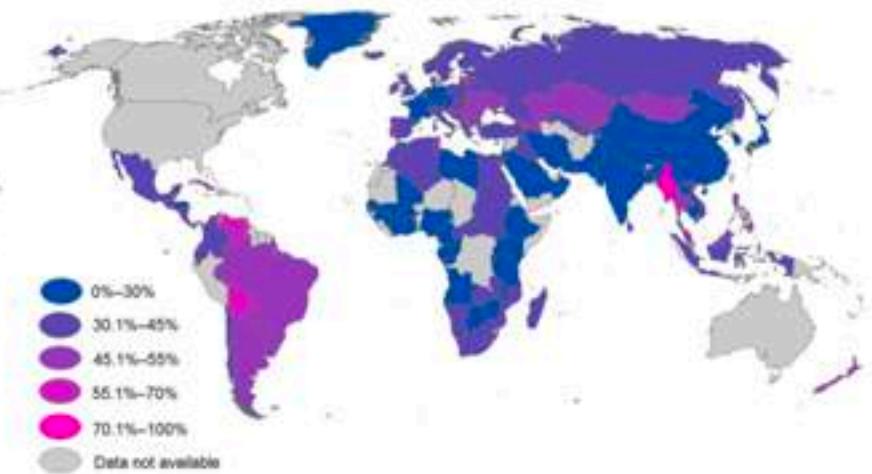


UNESCO



- Women in Science: Explore the data

Women as a share of total researchers, 2014 or latest year available



- Women in Science: Explore the data



La Declaración Universal de Derechos Humanos

Artículo 27.

1. Toda persona tiene derecho a tomar parte libremente en la vida cultural de la comunidad, a gozar de las artes y **a participar en el progreso científico** y en los beneficios que de él resulten.



ORGANISATION FOR ADVANCEMENT OF SCIENCE IN DEVELOPING COUNTRIES

AWIS
ASSOCIATION FOR WOMEN IN SCIENCE



La Organización de Mujeres en Ciencia para el Mundo en Desarrollo (OWSD)

es una organización internacional sin ánimo de lucro con sede en las oficinas de la **Academia Mundial de Ciencias (TWAS)**, en Trieste, Italia, una unidad de programa de la UNESCO.



ABOUT OWSD

- [What is OWSD](#)
- [Structure](#)
- [Executive Board](#)
- [Secretariat](#)
- [National Chapters](#)
- [Conferences](#)
- [History](#)
- [Sponsors](#)
- [Work with us](#)

What is OWSD?

The Organization for Women in Science for the Developing World

The Organization for Women in Science for the Developing World (OWSD) is an international non-profit organization based at the offices of The World Academy of Sciences (TWAS), in Trieste, Italy, a programme unit of UNESCO.

OWSD was founded in 1987 and is the first international forum to unite eminent women scientists from the developing and emerging world with the objective of strengthening their role in the development process and promoting their representation in scientific and technological leadership.

OWSD provides research training, career development and networking opportunities for women scientists throughout the developing world at different stages in their careers.

Fuente: <http://www.owsd.net/who-we-are>



Membresía

en la red internacional OWSD y en los Capítulos Nacionales en muchos países, para **unir a las mujeres científicas en los países en desarrollo** y proporcionar información sobre oportunidades, eventos regionales y locales, y acceso a actividades de desarrollo de habilidades.





- Usar métodos de investigación apropiados y realizar análisis de datos
- Elegir las revistas apropiadas para enviar manuscritos
- Preparación de manuscritos
- Refinar estilo de escritura
- Comprender el proceso de revisión por pares y responder a los comentarios de los revisores
- Preparación de presentaciones y carteles
- Preparación de propuestas de investigación
- Otros tipos de comunicación sobre la investigación

Mentoring

Help and support for your writing and career

OWSD has partnered with AuthorAID, so that all OWSD members can sign up to their wonderful mentoring programme.

Communicate your research and advance your career

Writing your first journal articles can be especially difficult if you have little or no local guidance. This is where AuthorAID can help. The aim is to help early-career researchers contact experienced researchers and editors in order to get help with:

- Using appropriate research methods and performing data analysis
- Choosing appropriate journals for submitting manuscripts
- Preparing manuscripts
- Refining writing style
- Understanding the peer review process and responding to reviewers' comments
- Preparing presentations and posters
- Preparing grant proposals
- Otherwise communicating about research

Fuente: <http://www.owsd.net/who-we-are>



Becas.

que incluyen becas para mujeres científicas de los países menos desarrollados para estudiar **posgrados en otro país en desarrollo**, y **apoyos para mujeres científicas** que inician su carrera para la compra de equipo y otros gastos necesarios para llevar a cabo su investigación



Premios

para reconocer y celebrar a las **mujeres científicas (al principio de su carrera)** que han hecho contribuciones significativas a la investigación y la educación en su campo científico.

Elsevier Foundation Awards for Early-Career Women Scientists in the Developing World

The Elsevier Awards for Early-Career Women Scientists in the Developing World are designed to promote and celebrate the achievements of women scientists in the early stages of their careers, with the objective of creating role models for girls to identify with and follow.

The awards were launched in 2012 by the Elsevier Foundation, the World Academy of Sciences for the advancement of science in developing countries (TWAS), which operates under the administrative umbrella of UNESCO, and the Organization for Women In Science for the Developing World (OWSD), a network supported by UNESCO.

Prizes are awarded annually on a rotating basis among the disciplines of life sciences, chemistry and physics/mathematics. Each year a total of five winners are selected, one from each of the following regions: Latin America and the Caribbean; East and South-East Asia and the Pacific; Arab region; Central and South Asia; Sub-Saharan Africa.

Related links:

- Official website: Elsevier Foundation Awards for Early-Career Women Scientists in the Developing World
- Nomination form
- Past winners of the Award:
2015 | 2014 | 2013

Latin America & Caribbean



Jana Rodriguez Hertz (Uruguay)

Prof. Jana Rodriguez Hertz is so far the first and only female Full Professor of Mathematics in Uruguay. She currently is a Professor of Mathematical Sciences at the Instituto de Matematica y Estadistica IMERL in Montevideo, Uruguay and a Simons Associate of the International Centre for Theoretical Physics (ICTP) in Trieste, Italy. Rodriguez Hertz is an activist for women's rights and the role of women in science. She networks with policy makers and coordinates a radio broadcasting show "Jana and her sisters" at the national El Espectador station. Rodriguez Hertz appears regularly on TV and in print, covering the topics of science and education and evaluated the L'Oreal-Unesco Prize for Women in Science - Uruguay, in 2011. Rodriguez Hertz aims to make known women in science to the wide public while emphasizing the daily issues women face especially when pursuing a career in science.

Rodriguez Hertz joined OWSD as a full member in 2016 and was elected Vice-President for the Latin America & Caribbean region in 2016. One of her core focuses in working with OWSD will be to organize National Chapters for all countries in her region as she sees this as an important starting point. Rodriguez Hertz is working on increasing the number of girls in STEM and is passionate about pushing for more studies on gender bias in science also through working with economic research in this area.

MEXICO

The OWSD Mexico National Chapter

Contact person:

Dr. Mayra de la Torre
mdelatorre@ciad.mx

131 Members



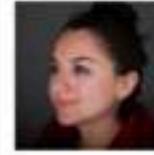
FIND MORE



Victoria Cantoral
Farfan
Mathematical sciences

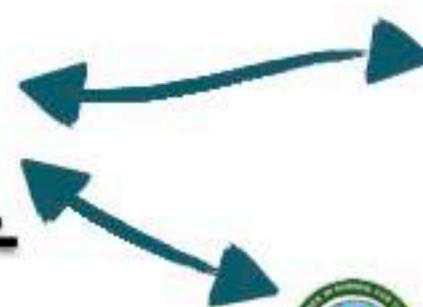


Martha Vazquez
Interdisciplinary



Noemi Sanchez
Castro
Physics

FIND MORE



The World Academy of Sciences
for the advancement of science in developing countries

ORGANISATION FOR ADVANCEMENT OF SCIENCE IN DEVELOPING COUNTRIES



ASSOCIATION FOR WOMEN IN SCIENCE

TWAS

TWAS THE WORLD ACADEMY OF SCIENCES
for the advancement of science in developing countries

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TWAS, the voice for science in the South
TWAS - The World Academy of Sciences for the advancement of science in developing countries
works to support sustainable prosperity through research, education, policy and diplomacy.

LA ACADEMIA DE LA CIENCIAS DEL
MUNDO para el avance de la ciencia en
los países en vías de desarrollo.



- Reconocer, apoyar y promover la **excelencia en la investigación científica en el mundo en desarrollo**;
- Responder a las necesidades de los jóvenes científicos en países rezagados en ciencia y tecnología;
- **Promover la cooperación Sur-Sur y Sur-Norte en ciencia, tecnología e innovación**;
- Fomentar la investigación científica y el intercambio de experiencias para resolver los principales problemas que enfrentan los países en desarrollo.

twas THE WORLD ACADEMY OF SCIENCES
for the advancement of science in developing countries

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TWAS, the voice for science in the South

TWAS - The World Academy of Sciences for the advancement of science in developing countries
works to support sustainable prosperity through research, education, policy and diplomacy



Fellowships



PhD and Postdoctoral Research fellowships are crucial for building scientific strength in developing countries.

SEE ALL

Research Grants



Funding helps researchers in the developing world to purchase lab equipment and supplies.

SEE ALL

Scientific Meetings



Grants support high-level international and regional scientific meetings in developing countries.

SEE ALL

Prizes and Awards



TWAS honours are among the most prestigious given for research in the developing world.

SEE ALL

Visiting Scientists



Share your projects and your expertise in developing nations as a visiting researcher or professor.

SEE ALL

- Doctorado, Posdoctorado
- Becas/Proyectos de Investigación
- Encuentros Científicos
- Premios
- Visitas científicas



Red Interamericana de Sociedades Científicas

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Members

North America

The Royal Society of Canada; The Academies of Arts, Humanities and Sciences of Canada
The National Academies of Sciences, Engineering, and Medicine
Mexican Academy of Sciences

Central America and the Caribbean

Cuban Academy of Science
Academy of Sciences of the Dominican Republic
Academy of Medical, Physical and Natural Sciences of Guatemala
National Academy of Sciences of Costa Rica
Nicaraguan Academy of Sciences
Panamanian Association for the Advancement of Science
National Academy of Sciences of Honduras

South America

Academy of Physical, Mathematical and Natural Sciences of Venezuela
Colombian Academy of Exact, Physical and Natural Sciences
Brazilian Academy of Sciences
National Academy of Sciences of Peru
National Academy of Sciences of Bolivia
Chilean Academy of Sciences

Fuente: <http://www.oecd.net/who-wg-arc>

IANAS

Red Interamericana de Sociedades Científicas

IANAS Women for Science Program



Alejandra Figueroa | Honduras

"When you work in something you are passionate about and add dedication and perseverance, that opens the doors for you to achieve your dreams."

CO-CHAIRS

Ana Denicola (Uruguay)
ana.denicola@gmail.com

Fuente: <http://www.oecd.net/who-ws-are>

IANAS

- Destacar los logros de las científicas latinoamericanas y caribeñas publicando y publicando entrevistas y biografías.
- Alentar a las estudiantes de doctorado en ciencias avanzadas en el desarrollo de los países de IANAS por un premio IANAS-OWSDW que permita al ganador enriquecer su trabajo de doctorado en un instituto de investigación en otro país de IANAS.

- Cuantificar la subrepresentación de mujeres científicas e ingenieras en las academias.
- Fomentar la formación de comités de Mujeres para la Ciencia (mixtos) en las academias.
- Remediari el aislamiento de mujeres científicas mediante una página web interactiva dedicada en el sitio web de IANAS.

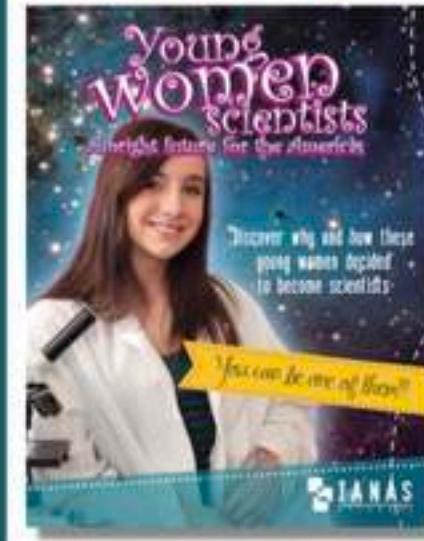
Fuente: <http://www.owsd.net/who-we-are>

IANAS

WOMEN FOR SCIENCE VIDEOS



WOMEN FOR SCIENCE PROGRAM BOOKS





AWIS

AWIS es una red global que inspira liderazgo audaz, investigación y soluciones que impulsan a las mujeres en STEM, estimulan la innovación, promueven el éxito organizacional e impulsan el cambio sistémico.

Asociación por las mujeres en la ciencia.

AWIS

The screenshot shows the AWIS Research Center homepage. At the top, there's a dark banner with the text "Research Center" and a subtext about AWIS providing a platform for research. Below this is a navigation bar with links like "Home", "About", "Programs", "Research", "Events", "Jobs", and "Member Log In". A search bar is positioned above a grid of three cards. The first card is titled "Diversity Across a Decade" and features a blue header. The second card is titled "Women & Mazzatorta: Empowering Interdisciplinarity to Reinforce Our STEM Workforce" and includes a thumbnail image of a group of people. The third card is titled "Women, Jobs, Families in Research One State of Women in Engineering" and also has a thumbnail image of people.

**Asociación por las mujeres en
la ciencia.**

AWIS
Asociación por las mujeres en la ciencia.



AWIS

Creating Inclusive Mathematics: **Strategies for Addressing Bias & Barriers**

Heather Metcalf, PhD

Director, Research & Analysis
Association for Women in Science



MATHEMATICAL CONGRESS OF THE AMERICAS
MCA 2017
JULY 24-29 MONTREAL, CANADA



AWIS
ASSOCIATION FOR WOMEN IN SCIENCE

Agenda

Data on Women's Underrepresentation

Why the Disparity?

Career Impacts of Bias

What You Can Do

Questions?



Claire Weaver

2015 AWIS Kristen R. Lorentzen Award

Artículo 23.

1. Toda persona tiene derecho al trabajo, **a la libre elección de su trabajo, a condiciones equitativas y satisfactorias de trabajo** y a la protección contra el desempleo.

La Declaración Universal de Derechos Humanos



IMU/CWM

The CWM was created by the Executive Committee of the IMU in March 2015.



CWM is the committee of the IMU concerned with issues related to women in mathematics worldwide. Its objectives are:

To propose, encourage and facilitate activities of the IMU in other bodies which would tend to increase the visibility of women in mathematics and lead to an increase in their representation in the community at all levels and in all parts of the world.

To promote international contacts between national and regional organisations for women in mathematics, in particular facilitating the building of networks at the regional or continental level.

To provide a website which is a repository of information for and about women in mathematics worldwide and to enable efficient communication among the international community of women mathematicians.

Fuente: <http://www.mathunion.org/cwm>

IMU/CWM

Proponer, alentar y facilitar las actividades del IMU u otros organismos que tenderían a aumentar la visibilidad de las mujeres en matemáticas y conducirían a un aumento de su representación en la comunidad en todos los niveles y en todas partes del mundo.



Fuente: <http://www.mathunion.org/cwm>

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Fuente: <http://www.mathunion.org/cwm>

IMU/CWM

Promover contactos internacionales entre organizaciones nacionales y regionales para mujeres en matemáticas, en particular facilitando la construcción de redes a nivel regional o continental.

- European Women in Mathematics (EWM)
- European Mathematical Society Women in Mathematics Committee
- EMS/EWM Scientific Committee
- African Women in Mathematics (AWMA)
- African Mathematical Union Commission on Women in Maths in Africa (AMUCWMA)
- Indian Women in Mathematics (IWM)
- Other organizations

Fuente: <http://www.mathunion.org/cwm>

IMU/CWM

Promover contactos internacionales entre organizaciones nacionales y regionales para mujeres en matemáticas, en particular facilitando la construcción de redes a nivel regional o continental.



WORLD MEETING
FOR WOMEN
IN MATHEMATICS
JULY 31, 2018
RIO DE JANEIRO



The IMU Committee for Women in Mathematics (CWM) welcomes the mathematical community to the World Meeting for Women in Mathematics - (WM)², a satellite event of the ICM 2018.

The (WM)² will bring together mathematicians from all over the world to think about and discuss gender issues in mathematics, its challenges, initiatives, and perspectives for the future, with a strong focus on Latin America.

The (WM)² will take place at Riocentro convention center on July 31, 2018. Its program includes research talks, group discussions about gender issues in mathematics, a panel discussion and poster presentations. There will also be a tribute to Maryam Mirzakhani.

Fuente: <http://www.mathunion.org/cwm>

IMU/CWM

Promover contactos internacionales entre organizaciones nacionales y regionales para mujeres en matemáticas, en particular facilitando la construcción de redes a nivel regional o continental.



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Fuente: <http://www.mathunion.org/cwm>



Promover contactos internacionales entre organizaciones nacionales y regionales para mujeres en matemáticas, en particular facilitando la construcción de redes a nivel regional o continental.

The screenshot shows the CWM homepage with a dark blue header featuring the IMU/CWM logo and the text "Committee for Women in Mathematics". Below the header is a navigation bar with links for "About", "Organizations", "Events", "People", "Initiatives", and "Resources".

CWM Sponsored Events

CWM sponsors a number of events and activities with the aim of encouraging women in mathematics, with priority given to [developments in emerging countries](#). Our main focus has been aimed at establishing or supporting networks at the continental or regional level. Other events, workshops and projects have also been supported.

[CWM@the World Meeting for Women in Mathematics](#), July 31, 2018, Riocentro convention center, Rio de Janeiro, Brazil. This is a satellite event of the ICM 2018 organized and partially funded by CWM. Events sponsored by the [2018 funding call](#) will take place in Austria, El Salvador, Ethiopia, India, Italy (ICTP) Macedonia, Nigeria, Uruguay, Uzbekistan and a booklet project on women role models in Africa is being supported.

Events sponsored by the [2017 funding call](#) took place in Brazil, Canada, Chile, India, Iran, Japan, Mexico, Morocco, Nepal, Tunisia, South Africa and Vietnam. For a brief report on these activities, see [here](#).

The 2016 events took place in Colombia (Latin America), India, Indonesia (S. and E. Asia), Kazakhstan (Central Asia), Mexico (Latin America), Senegal (West Africa), Tunisia (North Africa). For a brief report on these activities, see [here](#). In 2015-16, similar activities were also funded in Kenya (Africa) and Brazil (Latin America).

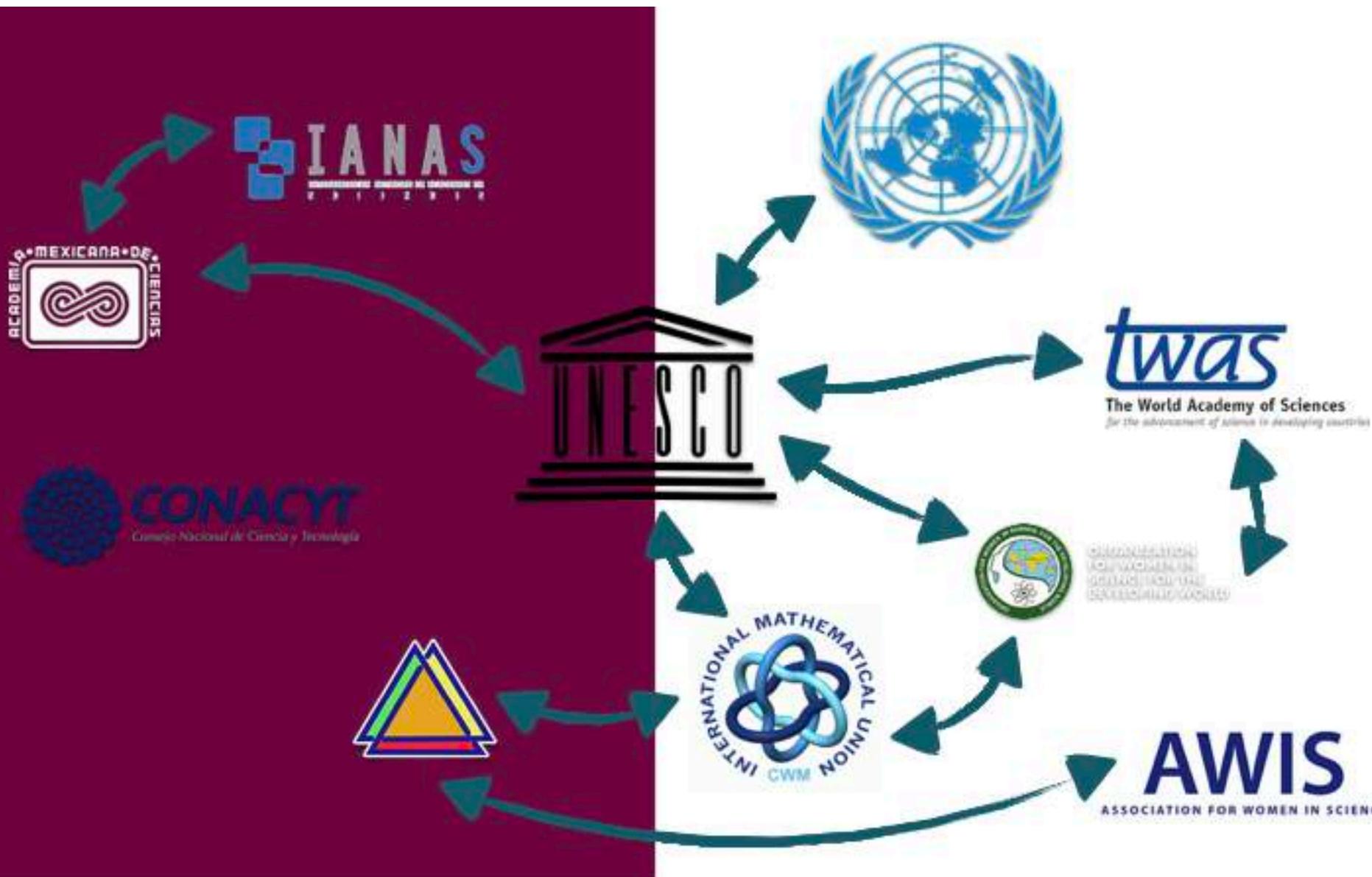
Fuente: <http://www.mathunion.org/cwm>

IMU/CWM

Promover contactos internacionales entre organizaciones nacionales y regionales para mujeres en matemáticas, en particular facilitando la construcción de redes a nivel regional o continental.

The screenshot shows the CWM homepage with a dark blue header featuring the IMU/CWM logo and the text "Committee for Women in Mathematics". Below the header is a navigation bar with links for "About", "Organizations", "Events", "People", "Initiatives", "Resources", "Meetings", and a search icon. The main content area has a light blue background with mathematical diagrams. A section titled "By Country" displays logos for African (green globe), European (blue EU flag), and Asian (yellow sunburst) mathematics organizations. A sidebar on the right lists "For this page" categories: Australia, Brazil, Cameroon, Canada, Chile, China, Colombia, El Salvador, Ethiopia, France, Germany, India, Indonesia, Iran, Israel, Italy, Japan, Mexico, Pakistan, Portugal, Russia, South Africa, Spain, Switzerland, Turkey, United Kingdom, and USA.

Fuente: <http://www.mathunion.org/cwm>



CEG/SMM

Fue creada en el año 2013 a solicitud de algunos de los miembros de la Mesa Directiva 2012-2014, con la finalidad de **promover la inclusión de grupos subrepresentados, en particular de mujeres, a la actividad matemática del país.**

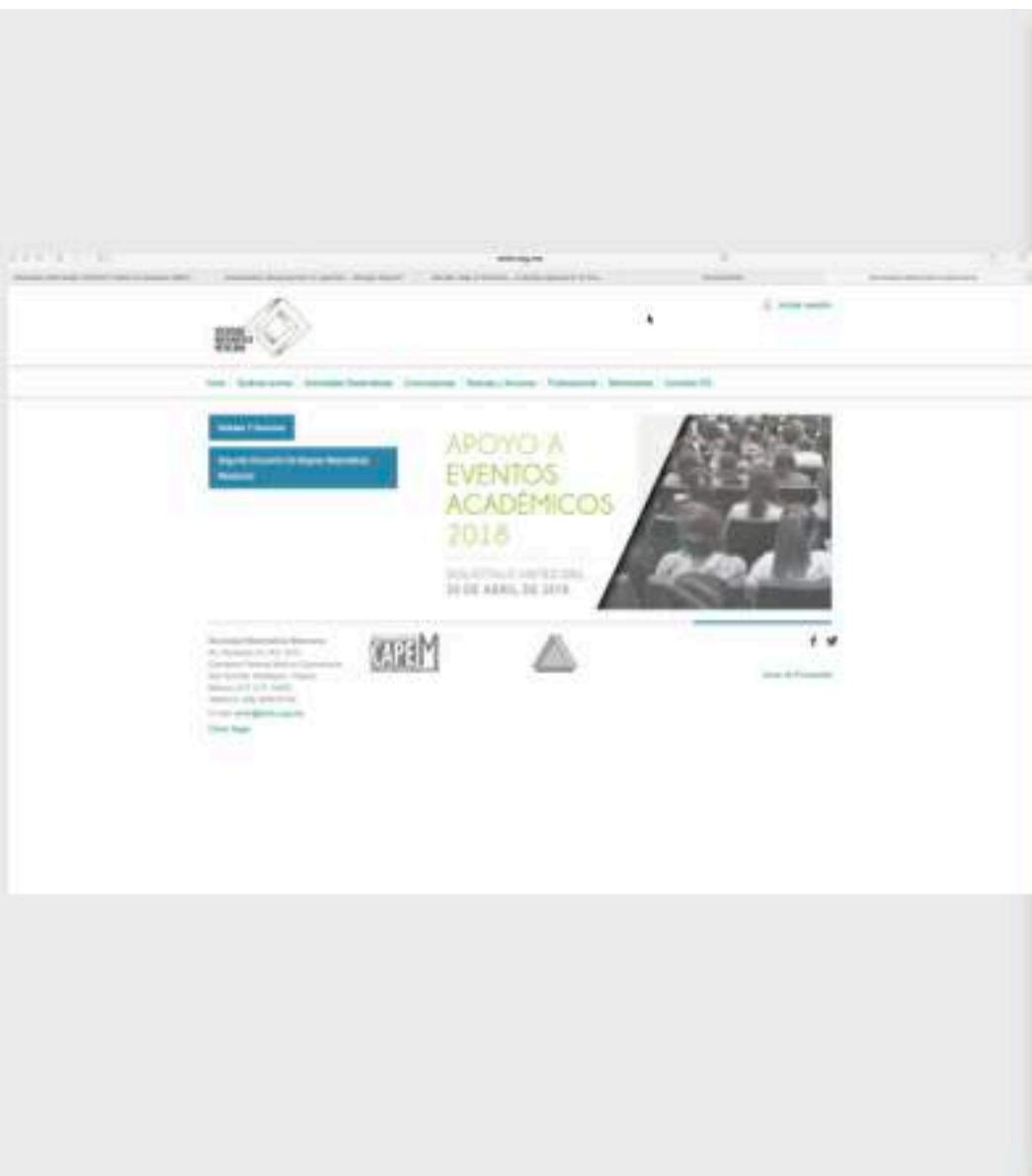
Comisión de Equidad y Género de la Sociedad Matemática Mexicana



- Otorga apoyos para mujeres y personas en otros grupos subrepresentados de las matemáticas para asistir a conferencias, terminar trabajos de tesis, participar en talleres, etc.
- Organización de talleres y conferencias para visibilizar el trabajo de mujeres matemáticas.
- Vinculación con otras organizaciones que promueven la mayor participación de mujeres en las matemáticas.

**Comisión de Equidad y
Género de la Sociedad
Matemática Mexicana**

CEG/SMM



Comisión de Equidad y Género de la Sociedad Matemática Mexicana

Equidad y Género
en las Matemáticas

ammm.org.mx

Desafío: Old Graph Problem Yields to Amateur Math... Mathematics development in spanish - Google Search Gender Gap in Science - A Global Approach to the... Comisión EG Sociedad Matemática Mexicana

Iniciar sesión

SOCIEDAD MATEMÁTICA MEXICANA

Noticias y Anuncios

Segundo Encuentro De Mujeres Matemáticas Mexicanas

APOYO A EVENTOS ACADEMÍCOS 2018

SOLICITALO ANTES DEL
30 DE ABRIL DE 2018

Sociedad Matemática Mexicana
Av. Coyoacán 67, Rm. 23.5
Circuito Federal México-Cuernavaca
San Ángel, Tlalpan, 14400
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Cómo llegar

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L'Oréal > Medios > Noticias > Convocatoria Para Las Mujeres En La Ciencia 2018

NOVEDADES

COMMUNIQUÉS DE PRESSE

ÚLTIMAS NOTICIAS

FOTOS

VIDEOS

¡YA ESTÁ ABIERTA LA CONVOCATORIA PARA LAS MUJERES EN LA CIENCIA 2018!

- 29.01.2018



El mundo necesita de la ciencia y la ciencia necesita de las mujeres...



< NOTICIA ANTERIOR

SIGUIENTES NOTICIAS >

CONVOCATORIA 2018





Visiting

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Family Services

MSRI strives to maintain a diverse community of mathematicians in its programs, by actively assisting mathematicians with partners (spouses), and children. The Institute

- Has a dedicated person – the [Family Services Consultant](#), who assists mathematicians in finding schools and childcare in Berkeley.
- Gives special consideration to applicants for the Complementary Program who are partners (spouses) of an invited member of a Core Program. The Institute's Complementary Program is for mathematicians whose interests are not closely related to its Core Programs. Interested partners (spouses) should include their partner (spouse's) name in their cover letter.
- Organizes a potluck for mathematicians with children to meet each other.

Information for families with school-going children

Children ages 5-18 years, Kindergarten-High School, respectively, can attend Berkeley public or private schools. A child entering kindergarten needs to be 5 years by September 1 to enroll for that academic year. Similarly, students entering grade 1 need to be 6 years by September 1, students entering grade 6 need to be 11 years, and student entering grade 9 need to be 14 years by September 1.

Overview of Berkeley's public schools

Scientific

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Programmatic Workshops

Workshops related to Programs which fall into one of the following three categories.

Introductory Workshop: The idea of these workshops is to set the stage and provide the context for the program, with the intended audience being researchers *not* in the program. This would include members in the other programs, members of the local mathematical community, and participants from outside the area selected especially for the workshop, particularly from groups underrepresented in research intensive contexts: women, minorities, mathematicians not located at research centers, and graduate students. In selecting participants, priority is given to these latter groups. When done well, these introductory workshops have been effective in broadcasting the goals, ideas and techniques of a particular program to the mathematical public at large, as well as in bringing the MSRI community together as a whole.

Connections for Women: This is a two-day workshop held immediately preceding the week of the *Introductory Workshop*. While different programs have approached these workshops in diverse ways, one of the principal objectives, strongly supported by the SAC and HRAC, is to provide an enhanced opportunity for female researchers to interact with other women with similar research interests. There is considerable flexibility for the organization of this two-day event, but MSRI does require good coordination between the *Connections* and *Introductory* workshop organizers so that as many female researchers as possible are supported to stay on for the *Introductory Workshop*. It is therefore customary to have one person be simultaneously on the organizing committees for both of these workshops. As is the case for all MSRI workshops, registration to attend *Connections* workshop lectures is open to all interested persons.

Topical Workshop: Also directed toward the mathematical community at large, these workshops are designed to interest and attract young researchers and other mathematicians active in the field.



Banff International Research Station
for Mathematical Innovation and Discovery



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Select Year, Location, and Event Type:

5 Day Workshops at BIRS in 2019

Code	* Title	* Arrival Date	* Departure Date
19w5231	Models and Algorithms for Sequential Decision Problems under Uncertainty	01/13/2019	01/18/2019
19w5131	Representation Theory Connections to q, t -Combinatorics	01/20/2019	01/25/2019
19w5035	Optimal Transport Methods in Density Functional Theory	01/27/2019	02/01/2019
19w5128	The role of Genomics and Metagenomics in Human Health: Recent Developments in Statistical and Computational Methods	02/03/2019	02/08/2019
19w5069	Computational Light Transport	02/10/2019	02/15/2019

19w5198	Next Stages Toward a Comprehensive, Integrated Framework for Advanced Statistical Analyses of Observational Studies	06/02/2019	06/07/2019
19w5082	Women In Analysis - A Research Collaboration Conference for Women	06/09/2019	06/14/2019
19w5080	Bridging Cellular and Tissue Dynamics from Normal Development to Cancer: Mathematical, Computational, and Experimental Approaches	06/16/2019	06/21/2019
19w5092	Reconstruction Methods for Inverse Problems	06/23/2019	06/28/2019

19w5076	Hamiltonian PDEs: KAM, Reducibility, Normal Forms and Applications	06/09/2019	06/14/2019
19w5044	Ordered Groups and Rigidity in Dynamics and Topology	06/16/2019	06/21/2019
19w5115	Women in Geometry 2	06/23/2019	06/28/2019
19w5140	Time-like Boundaries in General Relativistic Evolution Problems	07/28/2019	08/02/2019
19w5064	Set theory of the Reals	08/04/2019	08/09/2019

Event Number	Description	Start Date/Time	End Date/Time
19w5232	Spaces of Embeddings: Connections and Applications	10/13/2019	10/18/2019
19w5104	Women in Commutative Algebra	10/20/2019	10/25/2019
19w5051	Bridging the Gap between Kahler and non-Kahler Complex Geometry	10/27/2019	11/01/2019
19w5118	Unifying 4-Dimensional Knot Theory	11/03/2019	11/08/2019
19w5164	Interactions between Brauer Groups, Derived Categories and Birational Geometry of Projective Varieties	11/10/2019	11/15/2019
19w5062	Dimers, Ising Model, and their Interactions	11/17/2019	11/22/2019



About the Foundation

About the Foundation

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Statistical Trends

Humboldt Rankings

Publications and Information

Culture of Welcome

Philipp Schwartz Initiative

Career

Partners, funders and finances

Sponsorship

Humboldt Network

My Humboldt

Press Office

Magazine Humboldt Kosmos

Research Policy Expertise and
Consultancy

Equal opportunities for women academics

Tapping academic potential

The Alexander von Humboldt Foundation emphatically campaigns for equal opportunities for men and women in research. It aims to draw the best minds in academia to Germany for a research stay and thus to create a world-spanning network of excellent researchers. However, we have to face the fact that the percentage of women amongst both the applicants and those sponsored is much lower than that of their male colleagues, even though we do not apply quotas for specific countries or disciplines in our sponsorship programmes. The sole criteria are academic record and excellence. Furthermore, the more advanced the career stage, the greater the problem becomes – a phenomenon not singular to the Humboldt Foundation but found throughout the world. The consequence of this is a huge waste of qualifications, innovative potential, excellence, perspectives and experience.

Applications and nominations from women explicitly welcomed

The Humboldt Foundation would like to tap academic potential for its network irrespective of gender. In order to exploit outstanding talent in science and research to the full the Foundation, therefore, explicitly welcomes applications and nominations from highly-qualified female researchers. Likewise, we should like to encourage women academics in Germany to internationalise their research teams by becoming a host and including junior researchers from abroad.

Family-friendly programme design

The Foundation itself continually strives to construct sponsorship programmes that are attractive to female academics, and to break down the mobility barriers for women researchers and young families. This is how we hope to enable women and careers with families to participate in our sponsorship programmes.

We have developed a family-friendly sponsorship portfolio over a long period, and the academics we sponsor are eligible for allowances for marital partners and children under 18 accompanying them to Germany. Time spent on child-rearing or other forms of care can be taken into account in the application process and fellowships can be extended or interrupted if a child is born during the sponsorship period. Detailed information on the existing measures to help young families can be found → [here](#).



Contact

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Further information

→ [FAQ](#)

Artículo 29.

1. Toda persona tiene deberes respecto a la comunidad,
puesto que sólo en ella puede desarrollar libre y plenamente su personalidad.

La Declaración Universal de Derechos Humanos

PERO...

¿CÓMO TENER
MÁS MATEMÁTICAS?

ORGANIZACIONES

¿CÓMO TENER MÁS MATEMÁTICAS?

Aprender sobre mujeres científicas y de mujeres científicas.

Obtener datos, revisar las políticas y procesos promoción y de contratación

Proveer entrenamiento efectivo para combatir sesgos de género

Crear mecanismos de transparencia y responsabilidad

INDIVIDUAL

Explora tus propios sesgos de género

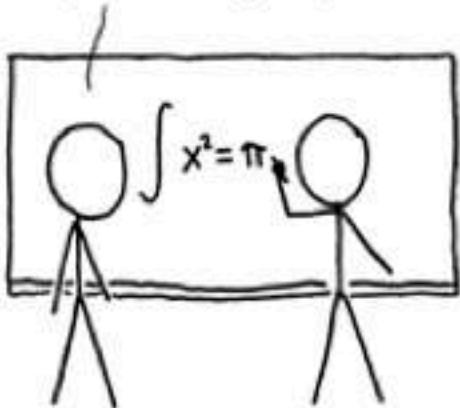
Aprende

Practica la empatía

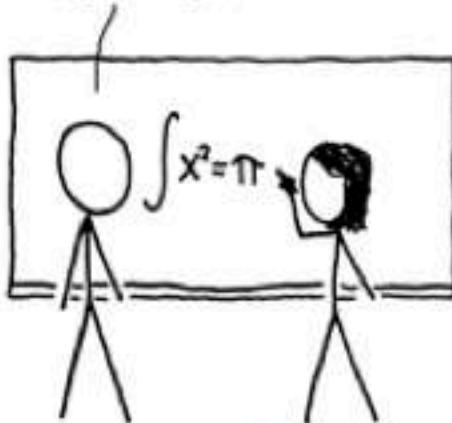
Combate los estereotipos

¿CÓMO TENER
MÁS MATEMÁTICAS?

WOW, YOU
SUCK AT MATH.



WOW, GIRLS
SUCK AT MATH.



Gracias

<https://xkcd.com/385/>

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