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ISI Young Statisticians Workshop (YS-ISI2019),
18 August 2019 Kuala Lumpur, Malaysia
About the ISI Committee on Women in Statistics (CW-ISI)

CW-ISI Representative: Ksenija Dumicic
<https://womeninstatistics.wordpress.com/>
Department of Statistics, University of Zagreb Faculty of Economics, Croatia
18th Aug. 2019, 2.30 pm–3.00 pm

Motivation:

Why to promote the *ISI Committee on Women in Statistics' (CW-ISI)* goals and activities?

Q: What has been **share of women** in the [International Statistical Institute \(ISI\)](#):
by associations and by ISI membership types?

Share of women in ISI, by membership types, 2019

Type of ISI membership	% of women
ISI Elected members	28%
ISI Regular member	78%

Share of women in ISI, by associations, 2019

ISI Association	% of women
BS	21%
IAOS	48%
IASC	28%
IASE	80%
IASS	42%
ISBIS	32%
TIES	52%

Outline/Content

About the ISI Committee on Women in Statistics (CW-ISI)

- History & Current Status of the CW-ISI
- Vision & Objectives
- Members
- Past & Upcoming Events & Activities
- **Conclusions** (Why & How to Join the CW-ISI & Some Advice for Young Statisticians)

About CW-ISI: History & Current Status of the Committee

The **Committee on Women in Statistics (CW-ISI)** is a committee of the **International Statistical Institute**, being one of ISI's special interest groups.

- **Membership** without an extra CW-ISI Membership Fee (*ISI Membership for Country Reps required*)

- **CW-ISI history:**

- formally established during the **ISI Beijing Session in 1995**
- Held its **first meetings** during the **ISI Session in Istanbul in 1997**
- Has **organized Invited Paper Sessions** and **networking discussion events** at each WSC since **WSC 2007**

About CW-ISI: Vision & Objectives

Vision

The *ISI Committee on Women in Statistics'* (CW-ISI) vision is to empower and support women in statistical roles across the world, spanning professions within:

- academia,
- government,
- private sector,
- civil society organizations and
- international organizations.

About CW-ISI: Vision & Objectives

Objectives:

- Promote and strengthen the representation of women statisticians in the ISI and its sections (**which has been below 10%**)
- Help in providing opportunities for women members to assume active and visible roles in the ISI and other statistical associations
- Facilitate the flow of information among women statisticians and help build regional and global networks of female statisticians
- Stimulate interest in statistics among women and encourage women students in schools and colleges to study statistics
- Provide a platform for the exchange of studies and research on women's issues in various parts of the world

About CW-ISI: Members

Currently, the CW-ISI gathers **41 women representatives** from **30 countries**, **all being the ISI members**. **Some countries have more than one representative**, particularly if they represent different sectors of statistical work.

The **country representatives** have a **three-fold role**:

- Network with women **in their country**;
- Promote **membership of women statisticians in the ISI**;
- **Provide reports of activities of interest to women on the website**.

We continue to **seek country representatives** to strengthen our network.

About CW-ISI: Members - CW-ISI Country Representatives

World Region	Country	No. of CW-ISI Country Reps (all being the ISI Members)
<u>Africa</u>	Ghana, Kenya, Nigeria, Nigeria, Nigeria, South Africa, Togo, Zambia	8
<u>Asia and Oceana</u>	India, Japan, Korea, R. of New Zealand, Pakistan, Taiwan, Turkey/USA	7
<u>Europe and North America</u>	Canada/USA, Croatia, Finland, Italy, Hungary, Portugal, R. N. Macedonia, Serbia, UK, USA, USA, USA	12
<u>Latin America</u>	Argentina, Argentina, Argentina, Brazil, Brazil, Colombia, Mexico	7
<u>Middle East</u>	Egypt, Egypt, Egypt, Jordan, Morocco, Morocco, Palestine	7

About CW-ISI: Members of CW-ISI Management Committee

CW-ISI Chair:

Dr. Diana Maria Stukel -

Director of Monitoring and Evaluation for the Control and Elimination of Neglected Tropical Diseases Program within FHI 360, Washington, DC, Canada/USA



Ksenija Dumcic,
University of Zagreb,
Croatia



Amanda L. Golbeck,
University of Arkansas,
USA



Webmaster:

Janet van Niekerk,
University of Pretoria,
South Africa



Jiayang Sun,
Case Western Reserve University,
USA



Michiko Watanabe,
Keio University,
Japan



About CW-ISI: Past & Upcoming Events

2019

Meetings: The 62nd ISI World Statistics Congress 2019, 18-23 Aug. 2019, Kuala Lumpur, Malaysia

CW-ISI Meetings:

- **Tuesday 20th Aug. 2019 at 7:30.8:50am - CW-ISI Networking Breakfast**
- **Thursday 22nd Aug. 2019 at 12:30-2h - CW-ISI Meeting of Country Reps**

Join us for panel discussions regarding the roles of women in statistical education and leadership within the statistical community.

About CW-ISI: Past & Upcoming Events

2017

The 61st ISI World Statistics Congress 2017 – Marrakech, Morocco

- [Country Representative Meeting – 2017](#)
- [CW-ISI Networking Breakfast 2017](#)



About CW-ISI: Past & Upcoming Events

[The ISI Committee on Women in Statistics Networking Breakfast 2017](#), Marrakech, Morocco

Example:

Questions for CWS Networking Breakfast 2017 (The 61st ISI World Statistics Congress 2017 – Marrakech, Morocco)

Questions to Ponder as you network with colleagues ...

- 1) *How can the Committee on Women in Statistics help with informal mentoring?*
- 2) *What should be the roles of country representatives on the Committee of Women in Statistics?*
- 3) *How can we increase female membership in the ISI?*

About CW-ISI: Past & Upcoming Events

2015

The 60th ISI World Statistics Congress 2015 – Rio de Janeiro, Brazil

[Country Representative Meeting – 2015](#)

Sessions:

[Advancing Women in Statistics: Investigating and redressing the gender imbalance. \(IPS\) organized by Penny Bidgood](#)

About CW-ISI: Past & Upcoming Events

2013

59th ISI World Statistics Congress 2013 – Hong Kong, China

[Country Representative Meeting – 2013](#)

Sessions:

- [How Can the Statistics Community Help Its Younger Members in the Early Stages of Their Careers?\(IPS\) organized by Penny Bidgood](#)
- [Statistics as a Career Choice for Women: Great Rewards, Persistent Challenges, and Making the Change Happen. \(STS1\) organized by Amanda Golbeck](#)
- [Youth in Arab Countries, Facts and Challenges. \(STS2\) organized by Ola Awad Shakshir](#)

2011

58th ISI World Statistics Congress 2011 – Dublin, Ireland

[Country Representative Meeting – 2011](#)

Sessions:

[Women in the Labor Market – Facts and Challenges in the Arab Region \(STS039\) organized by Ola Awad](#)

[Women's Role in Fighting Poverty and the Informal Economy \(IPS025\) organized by Denise Silva](#)



About CW-ISI: Past & Upcoming Events

2009

57th ISI World Statistics Congress 2009 – Durban, South Africa

[Country Representative Meeting – 2009](#)

Sessions:

[Committee Brings Challenges Facing Women to the Forefront – A report on Activities of the CWS \(2009 Fall ISI Newsletter, Vol 33, No. 3 \)](#)

2007

56th ISI World Statistics Congress 2007 – Lisbon, Portugal

[Country Representative Meeting – 2007](#)

Sessions:

[Indicators of the Status of Women and Children – CWS sponsored invited paper session at the 56th Session of the ISI: Lisbon, Portugal](#)

About CW-ISI: Conclusions – Why & How to Join the CW-ISI

Get inspiration at the CW-ISI Website Resources: <https://womeninstatistics.wordpress.com/links/>

Find the links to **Fellow Associations & Reports**

- [Caucus for Women in Statistics \(CWS\)](#);
- The [Committee on Women in Statistics \(COWIS\)](#), a committee of the [American Statistical Association \(ASA\)](#);
- [The American Association of University Women \(AAUW\)](#);
- The [Association for Women in Mathematics \(AWM\)](#); The [Center for Women and Information Technology \(CWIT\)](#);
- [The European Mathematical Society's Women and Mathematics Committee](#); [The European Women in Mathematics \(EWM\)](#);
- A [FAO toolkit](#) for the production of sex-disaggregated agricultural data, [brochure](#), and [press release](#);
- The [International Statistical Institute \(ISI\)](#), **where women currently constitute a little under 10% of the membership, has been welcoming.**

About CW-ISI: Conclusions – Why & How to Join the CW-ISI

Get inspiration by visiting the CW-ISI [conference website](#)

(Maybe you wish to **organize or contribute to statistical conferences for women in statistics**, such as, e.g. The ASA's [2019 Women in Statistics and Data Science Conference in Bellevue, Washington, 3-5 Oct. 2019](#); or others; or you want to **organize a special sessions for women in statistics** at the [ASA's JSM](#), or similar, etc.)

About CW-ISI: Conclusions – Why & How to Join the CW-ISI

Membership

If you are interested in the work of the Committee and want to be involved in the following roles:

- Developing network with women in your country,
- Promote membership of women statisticians in the ISI,
- Provide reports of activities of interest to women on the website,

please contact the CW-ISI Chair at dstukel@gmail.com.

Membership is enabled without a Membership Fee (The ISI Membership for Country Reps is required only)

About CW-ISI: Conclusions – Invitation for YS-ISI members

We cordially invite you to join two meetings organized by CW-ISI :

The 62nd ISI WSC 2019 in Kuala Lumpur:

- **Tuesday 20th Aug. at 7:30.8:50am - CW-ISI Networking**
- **Thursday 22nd Aug. at 12:30-2h - CW-ISI Meeting of Country Reps**

About CW-ISI: Conclusions – Invitation for YS-ISI members

Tuesday, 20 August 2019, 10.30 - 12.30h, B2.03

IPS-97_Developing Leadership Skills in Women

Room: Conference Hall 1, Level 3

Organizer: Cathy Furlong

Chair: TBA

Discussant: Ola Awad

Panel Discussion

- o Cathy Furlong, Statistics without Borders
- o Denise Britz Do Nascimento Silva, National School of Statistical Sciences
- o Mary W. Gray, American University
- o Denise Lievesley, University of Oxford
- o Janet Van Niekerk, KAUST / University of Pretoria
- o Diane Stukel, FHI 360
- o Cynthia Z. F. Clark, Council of Professional Associations on Federal Statistics

About CW-ISI: Conclusions – Invitation for YS-ISI members

Tuesday, 20 August 2019, 12.50 - 13.45h

LTDG2.12 (Lunchtime Discussion Groups) Developing Leadership Skills in Women

Meeting Room 306, Level 3

Chair: Cathy Furlong

Associations and Special Interest Groups: ISI, ASA, Women in Statistics

Round Table Discussion Examples of topics:

- Learning to reach new levels of personal and professional confidence by broadening your impact
- Transforming your ability to effect organisational and social change on an international scale
- Using emotional intelligence to gain a greater understanding and awareness of your personal strengths, working out who you are, where you are going and how you can make a difference
- Learning from a rich peer group about how other women across different industries and countries have approached and overcome leadership challenges
- Valuing networking and professional societies in developing communication and team working skills
- Promoting the visibility of, and literacy in, statistics among women

Gaining leadership skills through volunteer activities

About CW-ISI: Conclusions – Invitation for YS-ISI members

Thursday, 22 August 2019, 16.00-17.10h

Plenary Hall, Level 1

Organiser & Chair: *Helen MacGillivray*

ISI's President's Invited Keynote Lecture

Enhancing data science ethics through statistical education and practice

Jessica Utts, University of California – Irvine

At the ISI WSC in Kuala Lumpur

We are celebrating the female keynote speakers: the five female presidents (ASA, RSS, IMS, IBS, ISI) & the female president's keynote (Jessica Utts)



From the ISI President:

We will soon be in the midst of all the energy, vibrancy and global reach of another ISI World Statistics Congress...

We will soon be in the midst of all the energy, vibrancy and global reach of another ISI World Statistics Congress - the 62nd ISI WSC in the beautiful centre of Kuala Lumpur.



After extensive and diverse pre-congress events of satellite conferences, symposia and short courses, over 1600 speakers will discuss ideas, developments and best practice. The 27 Special Invited Paper Sessions showcase leaders and award winners across the breadth of statistics and data science, including the first ever all-female cast of presidents of ASA, IBS, IMS, ISI and RSS and the President's Keynote Speaker, who focusses on enhancing data science ethics. The 125 Invited Paper Sessions, 100 Special Topic Sessions and the 72 Contributed Paper Sessions, exhibit the vitality of statistics in all its manifestations.

As well as the scientific and social programs, there are Luncetime Discussion Groups (LTDGs), and meetings of Associations, Special Interest Groups and Outreach committees. The most youthful displays of statistical outreach include the finalists of the far-reaching International Statistical Literacy Project (ISLP) Poster Competition and of the new Esri-ISI Competition.

On behalf of ISI, its Associations and all delegates, I warmly thank everyone for their dedication to creating another remarkable WSC.

Helen MacGillivray
ISI President

15 JANUARY 2019 - SERIES 1, 2019 #ISIWSC2019

THE OFFICIAL NEWSLETTER

ISI WSC 2019 is pleased to announce that all 4 Associations' Presidents will be presenting papers during the 62nd WSC 2019 in Kuala Lumpur.

This is the first WSC which gathers all 4 women Presidents.

Karen Kafadar
President of American Statistical Association

Deborah Ashby
President of Royal Statistical Society

Louise Ryan
President of International Biometric Society

Susan Murphy
President of Institute of Mathematical Statistics

Organisers: ISI, Department of Statistics, Bank Negara Malaysia, Malaysian Institute of Statistics

Supported by: Malaysian Government, Malaysian Statistical Association, Malaysian Statistical Society

For more information, visit the official website: www.isi2019.org

Follow us on: ISI WSC 2019

15 MARCH 2019 - SERIES 3, 2019 #ISIWSC2019

THE OFFICIAL NEWSLETTER

Get To Know **Jessica Utts**
President's Invited Speaker for ISI WSC 2019

Existing Role

- Professor Emerita in the Department of Statistics, University of California, Irvine (UCI)
- Council of the International Statistical Institute (ISI)

Honors

- Fellow of the ASA, the Institute of Mathematical Statistics, the American Association for the Advancement of Science, and the Association for Psychological Science
- Recipient of the ASA Founder's Award, the IMS Harry C. Carver Medal
- Distinguished Service Award for the National Institute of Statistical Sciences

Experiences

- President of the American Statistical Association (ASA), 2016
- President of the Western North American Region of the International Biometric Society (WNAIR)
- Chair of the Committee of Presidents of Statistical Societies (COPSS)
- Chair of the UCI Statistics Department for 5 years, majoring Data Science

Contribution

- Long-standing interest in promoting statistical literacy
- Published three statistics textbooks
- Research involves applications of statistics to a variety of areas, most notably parapsychology
- Appeared on TV shows including Larry King Live, Nightline and CNN News

Organisers: ISI, Department of Statistics, Bank Negara Malaysia, Malaysian Institute of Statistics

Supported by: Malaysian Government, Malaysian Statistical Association, Malaysian Statistical Society

For more information, visit the official website: www.isi2019.org

Follow us on: ISI WSC 2019

About CW-ISI: Conclusions – Invitation for YS-ISI members

All YS-ISI Committee members may, sooner or later, join the Committee on Women in Statistics, since the CW-ISI is opened for both, females and males!



THANK YOU FOR YOUR ATTENTION