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

<table>
<thead>
<tr>
<th>Type of ISI membership</th>
<th>% of women</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISI Elected members</td>
<td>28%</td>
</tr>
<tr>
<td>ISI Regular member</td>
<td>78%</td>
</tr>
</tbody>
</table>

### Share of women in ISI, by associations, 2019

<table>
<thead>
<tr>
<th>ISI Association</th>
<th>% of women</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS</td>
<td>21%</td>
</tr>
<tr>
<td>IAOS</td>
<td>48%</td>
</tr>
<tr>
<td>IASC</td>
<td>28%</td>
</tr>
<tr>
<td>IASE</td>
<td>80%</td>
</tr>
<tr>
<td>IASS</td>
<td>42%</td>
</tr>
<tr>
<td>ISBIS</td>
<td>32%</td>
</tr>
<tr>
<td>TIES</td>
<td>52%</td>
</tr>
</tbody>
</table>
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

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

| **CW-ISI Chair:** | **Ksenija Dumičic,**  
University of Zagreb, Croatia  
**Amanda L. Golbeck,**  
University of Arkansas, USA  
| **Webmaster:** | **Jiayang Sun,**  
Case Western Reserve University, USA  
**Michiko Watanabe,**  
Keio University, Japan |
| 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 | | |
About CW-ISI: Past & Upcoming Events

2019

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
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 Websit 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 or you want to organize a special sessions for women in statistics at the ASA’s JSM, or similar, etc.)
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)
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**
IPS-97_Developing Leadership Skills in Women
Room: Conference Hall 1, Level 3
Organizer: Cathy Furlong
Chair: TBA
Discussant: Ola Awad

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