



Third World Organization for Women in Science (TWOWS):

IBSE for Girls Workshop
ASSAf
11-12 May 2010

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TWOWS Mission

- To promote greater participation of women scientists and technologists in the development process of their countries and in the international community.
- Increase women's access to science and technology
- Implement programmes to promote women's participation in and contribution to science and technology in developing countries.
- Engender the science system
- Provide support and networking services to its members



TWOWS snapshot



- Hosted in the offices of TWAS, the academy of sciences for the developing world
- 3500 members from 90 countries
- Executive Board members represent Africa, Arab States, Asia and Latin America.
- 2010 General Assembly in Beijing, hosted by the China Academy of Sciences
- TWOWS-TWAS-Elsevier Foundation Prizes for Young Women Scientists

TWOWS in Africa

- Approximately 1500 members from Africa
- 80% of PhD Fellowships go to women in African countries
- National chapters / focal points in Congo; Nigeria; South Africa; Sudan; Tanzania
- Recently launched South Africa National Chapter
- Collaboration with ASSAf on Gender and Science Education
- Founding President from Swaziland, Dr. Lydia Makhubu

Engendering the science system

International campaign:
GenderInSITE

Institutional capacity building
Host institutes
Science organizations

Promote women's leadership in science
Fellowships and grants
Re-entry and reintegration grants
Post-docs
Leadership development



National chapters
Policy
Education
Membership

Membership mobilization
Resources; information
Networking and mentoring

Working with girls at younger ages:
primary and secondary
Gender in inquiry-based science education
Role models

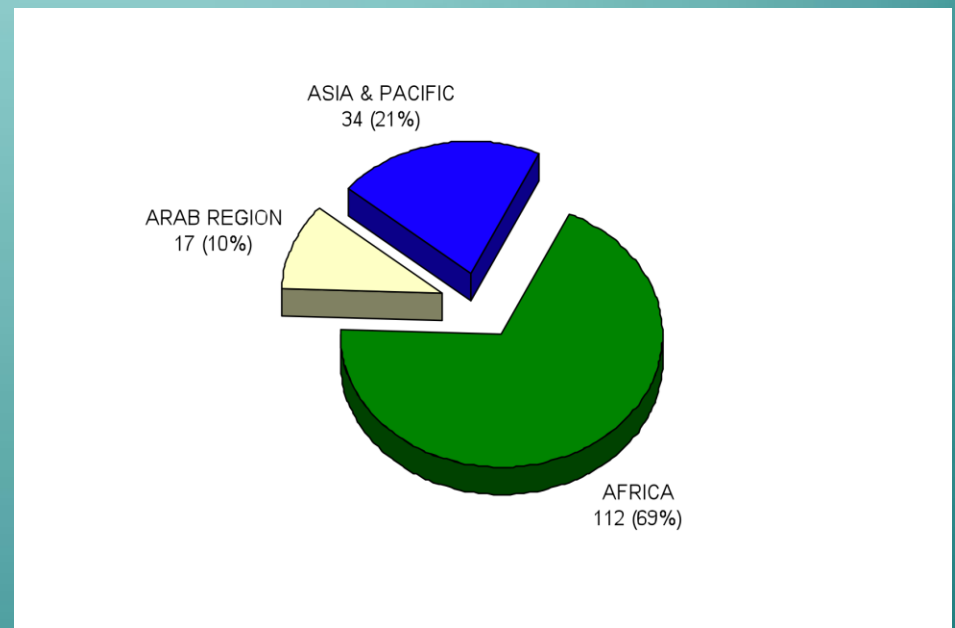
TWOWS

Education-related Activities

1. PhD Fellowships
2. National level
3. Collaborations with like-minded organizations
4. E-networking

1. Postgraduate Training Fellowships (PhD)

- 175 Fellowships have been provided to women in Africa and LDCs
- Held at institutions in the developing world to promote South-South exchange of knowledge and prevent South-North brain drain
- 75 graduates to date
- Supported by Sida
- Mentoring and role model activities at secondary schools



2. TWOWS National Chapters

1. TWOWS National chapters: National bodies to encourage networking and activities promoting national gender and science issues
2. Current chapters or national contacts in: South Africa; Egypt, Jordan, Nigeria; Tanzania; Uganda; Sudan, also Brazil, India, Indonesia, Yemen
3. Activities:
 - Networking
 - mentoring / role model
 - dissemination of information
 - work with national decision makers and stakeholders to promote TWOWS goals

2. Regional Activities



TWOWS

Third World Organization for Women in Science



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TWOWS Africa Regional Conference Slated for November 16th - 20th 2009, Abuja Nigeria

BENEFITS OF THE CONFERENCE: The contributions and proceedings of the conference will provide an important source of information on research and interventions relating to gender and the Millennium Development Goals (MDGs) within the region at its critical stage of development. In addition, it will provide an international forum for sharing research findings and strengthening networks within the African region and beyond. **VENUE** The venue of the conference is ideally located in Abuja the capital of Nigeria. The conference is being organised by TWOWS Africa in partnership with Delta State (The Big Heart of the Nation). **CONFERENCE THEME:** Gender and the Millennium Development Goals (MDGs).

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SUB-THEMES:

2. Regional Activities

Regional conferences:

- Second International Interdisciplinary Conference on Gender in Science and Development, 12-14 December 2009, Woman's Research & Training Center – Aden University (WRTC) in collaboration with the Yemini Women Association for Science and Technology (YWAST) and the Third World Organization for Women in Science, Arab Region (TWOWS).
- National Conference on Women and Science
Organized by Jana Vignana Vedika (AP), Indian Women Scientists Association (IWSA), Hyderabad Branch and Third World Organization of Women in Science, India Chapter, May 8,9, 2010

3. Collaborations:

Work with TWAS, IAP, UNESCO and other global science institutions to mainstream gender, bring in more women and address gender dimensions of science education at all levels

- TWAS
 - Prizes for Young Women Scientists
 - TWAS Regional Workshops: TWAS-TWOWS-SCOPUS-PSN Young Women Scientists Symposium, November 2009, Malaysia
 - TWOWS General Assembly June 2010

InterAcademy Panel: Women for Science



<http://www.interacademycouncil.net/>

- IAP report on Women for Science whose mandate was to propose what academies should do to remedy the widespread underrepresentation of women in science and technology (S&T).
- Funded by IAP, TWOWS is working with regional academy networks to develop follow-up activities on the IAC recommendations.
- Network of African Science Academies (NASAC) TWOWS workshop on Women for Science in Nairobi, Kenya, on 30 November to 1 December 2009 attended by women scientists and members of academies from over 10 African countries.
- Women for Science Working Group, Inter American Network of Academies of Science (IANAS)
- IBSE programme of IAP

Gender and science education

- IANAS Workshop on Science Education, Rio de Janeiro, June 12-14, 2010
 - Teachers' Day, June 14
- NASAC WfS Plan of Action
- School visits built into other events

Collaborations

- Gender Advisory Board-UNCSTD
- UNESCO
- American Association for the Advancement of Science (AAAS)
- National Academies of Science, USA

4.e-Networking

- TWOWS Update List – 2500 subscribers
- TWOWS web site
- TWOWS e-Networking Portal in development:
 - Member database
 - National chapter pages
 - Networking and discussion forums
 - Mentoring
 - Questions and answers



Thank you.

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