

# IANAS GENERAL ASSEMBLY

*Dominican Republic*

*July 16-19, 2013*

## **Achievements 2010-2013 and Plans**

IANAS Women for Science Working Group

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July 15, 2013

# IANAS Women for Science Working Group WfS-WG

## VISION

Full participation of women  
in science, technology and development  
from the top, decision-making levels  
all the way down to the grassroots

## MISSION

*By advising and informing IANAS, its academies and its  
programs on gender issues,  
and by developing strategies enhancing the status of  
women scientists,*  
WfS-WG works towards full engagement of women in  
science, technology, and development.

# IANAS WfS-WG GOALS

**Contribute towards full engagement of women in science, technology, and development by**

- 1. Advising and informing IANAS academies and programs on gender issues (*topic 3*)**
  - Appoint liaisons to IANAS Programs
  - Provide WEB gender resources for all of the IANAS Programs
  - Provide speakers at workshops of IANAS Programs
- 2. Developing strategies enhancing the status of women scientists**
  - Census of women scientists in the IANAS Academies
  - Biographical interviews with eminent women scientists in IANAS Academies (*topic 1*)
  - Formation of Women's Committees at IANAS Academies
  - Develop WfS-WG web page on IANAS web site
  - IANAS-OWSD Prize for advanced female PhD student, to spend a research visit in another IANAS country (*topic 2*)

# IANAS WfS-WG Achievements 2010 – 2013

## 1. Biography project:

*“Women Scientists in the Americas; their inspiring stories”.*

16 Biographical interviews, published and disseminated to  
IANAS Academies March 8, 2013

### 2010 – 2012 Phase 1

- Academies each select an eminent woman scientist
- Focal points interview the candidates
- 12 interviews posted on WfS-WG web page

### 2012-2013 Phase 2

- Biography Action Group formed
- IANAS network of science journalists engaged - 16 biographies collected in bilingual book
- Translation; layout, design, printing by AMC
- Academies received copies by March 8, '13
- Several Academies organized ceremonies:  
Argentina, CAS, Cuba, Mexico, USA



# IANAS WfS-WG 3-year Plan

## 1. Biography project

- **Fundraising** for marketing and new projects
- **Expanding**
  - *With Sci. Ed.* – biographies for teachers and students
    - ✓ Interviewees write advice on “how to become a...”
  - Academies develop biographies at national level
  - Biographies of mid-career women; of women engineers; of racial minorities
- **Social Media**
  - Produce Video clips for social media such as You Tube
  - Pursue marketing through media such as Kindle

# IANAS WfS-WG Achievements 2010 – 2013

## 2. IANAS-OWSD Prize

**Research travel grant for advanced female PhD student  
Prize granted to Clarimar Camacho, Venezuela, Aug. '12**



- Call for nominations Sept. 20 '11
- Proposals received by Jan. 31, 2012
- Camacho, Venezuela, selected April '12
- Venezuela Academy ceremony Aug.'12
- Clarimar Camacho is completing a 6-month research visit at the Chemistry Department, UC Riverside, CA, USA
- Prize process evaluated by FP Aug. 2012; results to Prize Action Group.

# **IANAS WfS-WG 3-Year Plan**

## **2. IANAS - ?? Research Prizes, Grants**

- Co-Chairs and IANAS pursue external funding
- Empower WfS-WG Prize Action Group to take charge, define projects and work with FP
- Pursue research prizes and travel grants for outstanding early to mid-career women scientists and engineers; and travel grants for Ph.D. level students in developing IANAS countries.

# IANAS WFS-WG Achievements 2010-2013

## 3. Resource on gender issues for all IANAS programs

**Liaisons; sessions organized; Web resources developed**

**Liaisons appointed** at FP meeting Mexico 2011

*Sci. Ed.* – Norma Nudelman; *Water* – Nicole Bernex;

*Energy* - Patricia Taboada

**Sessions or talks organized:**

*Sci. Ed.* Brazil 2010; *Water* Bolivia 2011

*Energy* Colombia 2011; Bolivia 2012



**Web resources – Wfs-WG web page**

Sophia Huyer developed narratives on gender issues for all four IANAS programs, with links to relevant Web resources. These were posted in 2012 and are currently undergoing updates.

# IANAS WFS-WG 3-year Plan

## Resource on gender issues for all IANAS programs

- Strengthen ***Wfs-WG liaison system*** and interactions with other IANAS programs
- Enlist input from ***gender expert in STEM\**** to:
  - Raise awareness of gender aspects of all of the IANAS Programs and projects
  - Update gender resources on Wfs-WG Web Page and link to them from Web pages of the other Programs
- Engage sociology input to address ***social and cultural aspects of STEM-driven development projects*** so as to ensure participation of beneficiaries, especially women

\*STEM – Science, Technology, Engineering, Mathematics

# IANAS WFS-WG Achievements 2010-2013

## Enhancing the Status of Women Scientists – *other* *Focal Points; Wfs committees; census*

- ***Focal Points*** (FP) - Wfs-WG's life blood
  - vital links between IANAS Academies and Wfs-WG
  - work with Academies on Wfs-WG projects
  - FP meetings in Mexico,'11; Panama,'12; Chile,'13. planned
- ***Wfs Committees*** formed\* or strengthened since 2010 at Academies of Brazil\*, CAS\*, Chile, Cuba, Colombia, Dominican Republic, Guatemala, Mexico, Venezuela\*
- ***Census***. In 2010 and 2011, FP collected data on women's representation in the IANAS Academies. In Panama, 2012, a Data Action Group was formed to update, complete and publish these data. Wfs Venezuela will assume the leadership role.

# IANAS WFS-WG 3-year Plan

## Enhancing the Status of Women Scientists - *other focal points; Wfs committees; census*

- Establish/strengthen **Women Scientists Committees** in IANAS Academies.
  - **Decentralize** Wfs-WG activities by empowering the national committees and FP, relieving IANAS Office and Wfs co-Chairs
  - **Disseminate news items and actions** of Wfs national committees and focal points on Wfs-WG web page and by email
  - Academies continue forming **new Wfs Committees as feasible**
- Census of women in the Academies
  - **Data Action Group assumes responsibility**
    - defines goals, plan, steps, outcomes; engages FP
  - Consider stepwise approach, **beginning at the national level**

# **IANAS WFS-WG Achievements '10-'12 and 3-year Plan**

## **Conclusions**

- Thanks to ample IAP funding in 2011/12, WfS-WG reports progress on all goals and objectives set in 2010, with tangible outcomes.
- Present success opens new opportunities for the future.

## **Problems**

1. Given reduced IAP funding, WfS-WG must retrench unless new funding can be found.
2. Depending on volunteer efforts only, this WfS co-Chair finds herself under unsustainable overload.
3. WfS decisions and responsibilities *must* gravitate to Latin America.

## **Questions for General Assembly**

1. IANAS-wide strategy needed to resolve funding issues.
2. Overload common to all WG Chairs? How to solve?
3. This co-Chair needs advice on how to delegate!

# Acknowledgements

- **To IAP** for grants in 2010, 2011 and 2013/14
- **To IANAS Academies** for hosting Focal Point meetings, by appointing and supporting their FPs, and gracefully responding to the manifold requests by their FPs and by WfS-WG
- **To the Focal Points**, for their many and varied contributions to WfS-WG's work.
- **To the IANAS co-Chairs and Office**, and in particular the Executive Secretary, for supporting and creatively enabling the WfS-WG's achievements I have reported.

**Thank you for your attention and interest**