

Global Survey of Physicists

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With thanks to my colleague, Casey Tesfaye

Background

- Surveys of women physicists conducted by American Institute of Physics for Paris and Rio conferences
- More than 1000 women from more than 50 countries responded to each survey
- Only women were included
- English only

Third Survey

- In preparation, American Institute of Physics conducted a review of surveys done by other countries since Paris conference.
 - Lithuania, Latvia, Estonia
 - Argentina
 - Germany
 - Japan
 - South Africa
 - Korea
 - Mexico
 - Nigeria
 - Ireland
- Original questionnaire revised to include some issues common to other surveys.

Purposes of 3rd Survey

- To insure exact comparability across countries—one report at the end of the process
- To show whether women physicists' experiences are different from men's
- To provide survey in languages other than English

Comparability

- In order to compare across countries, questions must be exactly the same.
- Even slight changes in wording can produce dramatically different results.

Comparison to Men

- Previous surveys included only women
- Are women's experiences in physics different from men's?
- Men must also reply to the questionnaire in order to answer this.

Languages

- First survey was in English only, preventing unknown number of people from participating.
- Third survey will be translated into other languages—we are considering using the official UN languages
 - English
 - French
 - Russian
 - Arabic
 - Chinese
 - Spanish
- But are these the right languages for physicists?
- Unfortunately, we must limit the number of available languages due to funding and time constraints

Other possibilities

- For each translation, we can add up to five questions.
- If countries have enough respondents, we can prepare a dataset and send to team leader for analysis.

How to Participate

- Countries interested should appoint a delegate to communicate with us and co-ordinate the survey.
- Once the survey is available, a request to complete the survey should be sent to lists of physicists.
- List members can be asked to forward the request to other physicists they know.
- Data will be collected on American Institute of Physics's website.
- All responses will be anonymous.

Question Wording

- Educational System
 - <http://statisticalresearchcenter.org/global/>
 - <C:\iupap\EarlyYears.htm>
- Employment Sectors
 - <http://statisticalresearchcenter.aip.org/global/CurrentJob.htm>
 - <C:\iupap\CurrentJob.htm>

We Need Translators!

- If you can volunteer, please let me know:
rivie@aip.org
- View draft survey at
 - <http://statisticalresearchcenter.org/global/>