

IUPAP C&CC Meeting, London, October 2019

Report on Gender related aspects of IUPAP activities Silvina Ponce Dawson, VP and Gender Champion

1. The Gender Gap in Science Project

Work on the project “A Global Approach to the Gender Gap in Mathematical, Computing, and Natural Sciences: How to Measure It, How to Reduce It?” (<https://gender-gap-in-science.org/>) in which the IUPAP is a key participant continued at a steady pace. There was a coordination meeting in February 2019 in Berlin. Igle Gledhill (WG5 Past Chair), Gillian Butcher (WG5 Chair) and Silvina Ponce Dawson (IUPAP VP and Gender Champion) participated in the meeting. The project is about to conclude by the end of 2019. Part of the meeting in Berlin was devoted to discussing the organization of the closing conference where the main results will be presented, the elaboration of the final report and the advancement with the three tasks of the project. In particular, the IUPAP representatives in the project are in charge of Task 1 (the global survey) together with representatives of other unions. The Global Survey of Scientists remained open until December 31st, 2018 and collected about 34,000 responses from all over the world. The physicists who responded were 7570 (female: 2777, male: 4793). The first analysis of the results has already been performed by members of the AIP Statistical Research Center and will be presented at the Conference on the Global Approach to the Gender Gap in Mathematical, Computing and Natural Sciences: How to Measure It, How to Reduce It? that will take place at the ICTP in Trieste on November 4-8, 2019 (see <http://indico.ictp.it/event/8731>). A brief description of the results will be included in the final report of the project that is currently in preparation. The report will be available on the project website, <https://gender-gap-in-science.org/>, in the near future. We will also write some articles for the Newsletter on the matter.

2. Hackathon to write Wikipedia profiles of women physicists

During the closing conference of the Gender Gap in Science Project we will have a hackathon/edit-a-thon of Wikipedia profiles of women scientists. The idea is that all participants of the closing conference edit at least one such profile and in this way help to increase the number of women scientists that are featured on Wikipedia. Many C&CC members suggested names of female physicists who could be included. More suggestions are welcome until the starting date of the conference on November 4th.

3. The Waterloo Charter

The “Waterloo Charter” has been updated including all the comments we received from C&CC members. This version is available at: http://wgwip.df.uba.ar/Waterloo%20Charter_final_draft_corrected.pdf and is submitted with the present report.

3. Participation in conferences and committees discriminated by gender

Reports from 5 general conferences in 2019 and 6 in 2018:

- % of female participants: all above 13% with the exception of one with less than 2% (C10 in Beijing). Highest percent (conference organized by IUPAP commission not specifically on women in physics): 47% (C14 in Budapest). Then, one Regional Conference on Women in Physics in Katmandu (82%) and a conference organized by AC4 (38.5%);
- % of female invited speakers: between 19.4% and 25% in 2018 with the exception of the C10 conference held in Beijing (9.4%); between 25 and 40% in 2019 + regional conference on women in physics (82%).
- % of women members of IAC: .

Regarding the composition of the 18 IUPAP commissions, all of them but one has over 21% of women in the commission (including members and officers). However, 8 of the commissions do not have female officers, including the commission on Biological Physics and Physics Education, fields where the number of female physicists is not low. Regarding the other 10 commissions, there is one female officer in 9 of them and all officers are female in 1 (C11, Commission on Particles and Fields).

4. Gender Champion-WG5 liaison

It would be good to clarify the role of the Gender Champion within WG5, especially, with respect to funding the participation of the Gender Champion in WG5 related activities.

5. Future work.

As stated in the previous report, it would be good to make changes to the IUPAP website. It would also be good to have a community manager doing social networks. Incorporating more women as Commission officers should be encouraged.