

WG5 Women in Physics
Report for C&CC Oct 2018
Summary of activities Oct '18- Oct '19
Prepared by: Dr Gillian Butcher (chair)

International Conference on Women in Physics

The Conference Proceedings of the 7th International Conference on Women in Physics, Birmingham, UK 2017, published by AIP, are now available.

A meeting of WG5 and the Local Organising Committee of ICWIP2020 took place at the venue at the University of Melbourne, Australia in July 2019. Dr Cathy Foley, who is leading the LOC with Dr Pegah Maasoumi and Prof. Sarah Maddison, presented the progress of their preparations for ICWIP2020 which takes place on 13th-16th July 2020, and details of the programme and proposed speakers were discussed. The WG5 was able to test out the visa process and check out the delegate accommodation.

ISC Collaborative project on the Gender Gap in Science

The ISC project *A Global Approach to the Gender Gap in Mathematical and Natural Sciences: How to Measure It, How to Reduce It?* is led by Prof Marie-Francoise Roy, of IMU, with IUPAP (led by Dr Igle Gledhill) and IUPAC (led by Prof Mei-Hung Chiu) the other main partners. The website can be found at <https://gender-gap-in-science.org/>.

A co-ordination meeting was held in Berlin, 18-19 February 2019, attended by WG5 members Silvina Ponce-Dawson, Igle Gledhill and Gillian Butcher. All three tasks of the project are making good progress towards completion: the joint Global Survey (which builds on the previous IUPAP Global Survey(s) of Physicists), a bibliometric study of publication profiles, and a database of good practice. Preparations for the final meeting of the project at ICTP Trieste 4-8th November 2019 are well underway, where the conclusions from the different strands will be discussed as well as how best to build and act upon the findings. We will also be considering ways we can build on the links made between the various womens groups of the different partner Unions.

The Joint Global Survey co-ordinated by Rachel Ivie of AIP, which was live from 1st May 2018 to the end of December 2018, had 30,500 respondents in total, with 7,865 from physicists. The responses are in the process of being analysed and free text comments (the survey was available in English, French, Arabic, Chinese, Japanese, Russian and Spanish) being translated. Initial data was presented at a special session on the Gender Gap Project at the IUPAC World Congress in Paris July 2019 where results of some of the questions were compared between 3 disciplines: Chemistry by Mei-Hung Chiu, Biology by Nathalie Fomproix and Physics by Gillian Butcher. First indications are that there is very little difference in trends between the three disciplines, which were analysed by gender and regionally.

Travel Grants

WG5 continues to distribute funds for travel grants for women from developing countries to attend conferences and workshops. A look back at the records shows that more than 400 grants have been

awarded over the 18 years of this service. Feedback collected from recipients shows the positive impact that these grants have made to individual's careers.

WG members

Following the retirement of Jackie Beamon-Kiene from her role at APS, Leah Bullis has been appointed as her replacement Secretary to WG5. We are grateful to the APS for continuing to support WG5 in this way. Jackie is continuing to assist WG5, with obtaining sponsorship for ICWIP2020.