

WG5 Women in Physics
Report for C&CC May 2018
Summary of activities Oct '17- April '18

Prepared by
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International Conference on Women in Physics

A summary of the 7th International Conference on Women in Physics that took place in Birmingham, UK in July 2017 can be found in the previous WG5 report to the IUPAP GA of October 2017. The Conference Proceedings, published by AIP, are in the final stages of preparation.

The call to host the next Conference, ICWIP2020, went out and several proposals were received. The WG5 members are currently assessing and deciding which of the excellent proposals will become the hosts. It is exciting to see the different countries so enthusiastic and keen to host what can be a logistically challenging conference, but one which is so incredibly rewarding for all concerned.

ICSU Collaborative project on the Gender Gap in Science

The ICSU Collaborative project on the Gender Gap in Science is into its second of three years. The 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 Association for Computing Machinery joined the project in October 2017, bringing the total to 11 partners. The website can be found at <https://icsugendergapinscience.org/>.

Progress is being made on each of the three tasks of the project: a 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. Mei-Hung Chiu presented the project report to the ICSU General Assembly held in China Taipei on 24th October 2017.

Three regional meetings took place: Africa (Cape Town, 1-2 Dec. 2017), Latin America (Bogotá, 22-24 Nov. 2017) and Asia (China Taipei, 7-8 Nov. 2017). Representatives from countries in the region and across the project partner disciplines attended. The workshops' objectives were to inform diverse regional science communities about the project, present its three tasks, make contacts with people who are instrumental for the success of the project, and get input from those regions to ensure that the project is responsive to the local realities. Additionally, the workshops looked at how information about the project would be disseminated within the regions and active participation encouraged. Discussions on the Global Survey looked to ensure that the questionnaire addresses the main issues relating to the region and uses appropriate terminology. Participants were also able to share initiatives to decrease the gender gap in their region and/or discipline and come up with good practice that could be added to the database. The website relating to the Latin American workshop is at <http://wp.df.uba.ar/ggapsla/>.

The Joint Global Survey co-ordinated by Rachel Ivie of AIP, having taken the input from the regional conferences was drafted and shared with the members of the project executive committee for

further comments. The final version will be live from 1st May until 31st October and will be available in English, French, Arabic, Chinese, Japanese, Russian and Spanish.

The next co-ordination meeting for the project will be in Paris, 11-12 June 2018.

Travel grants

One of the core activities of WG5 is to distribute travel grants to women from developing countries to attend international conferences. These can be crucial particularly for women at the early stage of their career, enabling them to present their work and to network with colleagues. The travel grants for 2018 have been assessed and awarded: 41 applications were received with 20 being awarded, each grant up to a maximum of 750 USD.

International Day of Women in Physics

As has previously been mentioned 11th February has been chosen as the International Day of Women in Physics. Plans are underway to officially launch the day in 2019, which is the 20th anniversary of the creation of the Working Group by IUPAP.

Waterloo Charter

Work on the Waterloo Charter, a declaration of principles and list of good practice, is almost finalised. The current draft can be found here: http://wgwip.df.uba.ar/Waterloo%20Charter_Ver7.pdf. Participants of the ICWIP workshop where the draft was discussed and re-drafted as well as members of WG5 have been invited to suggest changes. The draft will also be presented at the IUPAP Executive Committee meeting to discuss how to advance and eventually approve it.

IUPAP

WG5 maintains links with the wider IUPAP community. WG5 member Lilia Meza Montes is an Associate Member of C13 Physics for Development and Dina Izadi is the WG5 link with C14 Physics Education. The WG5 has been approached by the organisers of ICPE International Conference on Physics Education to participate in the upcoming conference in Johannesburg, 1-5 October 2018 and we are delighted to be able to do so. The link with the IUPAP Gender Champion has been strengthened further with the role now an ex-officio member of WG5 and we are delighted that Silvina Ponce-Dawson, who is the current Gender Champion, is continuing her link with us.

WG members 2017-2020

Gillian Butcher, UK (Chair)

Igle Gledhill, South Africa (Immediate Past Chair)

Lilia Meza Montes, Mexico (Vice-Chair)

Jackie Beamon-Kiene, USA (Secretary)

Dina Izadi, Iran

Kwek Leong Chuan, Singapore

Prajval Shastri, India

Shohini Ghose, Canada

Apriel Hodari, USA

Kuijuan Jin, China Beijing

Francisca Nneke Okeke, Nigeria

Silvina Ponce Dawson, Argentina (IUPAP Gender Champion ex-officio)

Nicola Wilkin, UK (Associate)