

Please send this call and invitation to everyone who could be interested in attending the conference and/or sending in a proposal!

3rd Call for Papers

YOU ARE INVITED:

2nd Gender & STEM Network Conference

Gender and STEM: What schools, families, and workplaces can do?

3–5 July 2014, Technische Universität Berlin, Germany

The first conference in 2012 focused on individual gendered pathways towards (and away from) STEM fields (STEM = **S**cience, **T**echnology, **E**ngineering, **M**athematics). In 2014, we highlight the roles of schools, families and workplaces for supporting or constraining girls/women and boys/men to choose and persist in STEM, versus other pathways.

This conference aims to present empirical research and educational policies, concerning how individual and social aspects impact individuals' motivation, attitudes, performance, educational and career choices and pathways into STEM fields. Complementary perspectives will address how such pathways can be facilitated at various points along students' and young adults' educational and occupational development.

The planned conference is an initiative of the Gender & STEM Network: www.genderandstem.com

Members of the network share the following **objectives**:

- to gain more insight into the various connected aspects of career choices and professional careers of girls/women (and boys/men) in the direction of STEM;
- to detect new approaches to actually improve the underrepresentation of girls/women in STEM.

An important aim of this conference is to further extend the interdisciplinary collaboration of educational and psychological researchers, to move beyond results which highlight single aspects. Implications for educational and vocational training and practice will be discussed.

CONFERENCE

The **deadline** for submission of proposals, consisting of an abstract (400 words or less) and short bio statement of up to 100 words, is **January 30, 2014**. Information about acceptance will be sent out by **February 20, 2014**. Registration will commence following proposal acceptances. The deadline for early registration is **March 1, 2014**. Proposal submissions are now open, for the conference presentation formats below.

Conference Formats:

- *Symposia*: themed set of linked individual 4-5 papers.
- *Individual Paper Presentation*: to disseminate completed studies and ensuing implications.
- *Posters*: to provide the opportunity to interactively discuss research findings. A poster prize will be awarded to the three best posters by students / early career researchers (PhD within last 5 years), selected by a committee of international researchers.
- *Roundtables*: to facilitate the in-depth discussion of research projects in development.
- *Workshops*: to provide workshops on applied aspects of STEM education and induction.
- *"Make a Pitch"*: a new format to allow researchers to search out inter/national collaborations by presenting a proposal pitch.

Please nominate which of the presentation formats you prefer, at the start of your proposal. For more specific instructions on how to submit your proposal please visit:

http://www.genderandstem.com/fileadmin/user_upload_genderstem/docs/Instruction_for_Submissions.pdf

Email proposals as a single Word document attachment, to the secretariat of the Gender & STEM Network: conference@genderandstem.com. If you have any further questions about the conference, please don't hesitate to contact us on the email above.

PRELIMINARY CONFERENCE PROGRAM

Opening Speech

- Professor Jacquelynne Eccles, University of California, Irvine, USA

Keynote Speakers

- Professor Lynn S. Liben, Pennsylvania State University, USA
Title: "Gender, Spatial Thinking, & STEM in Formal & Informal Educational Contexts"
- Professor Janet Hyde, University of Wisconsin-Madison, USA
Title: "Gender, Math, and Science Participation: The Role of Parents"
- Professor Petra Stanat, Institute for Educational Quality Improvement, Germany
- Professor Sheri A. Berenbaum, The Pennsylvania State University, USA
Title: "Beyond Pink & Blue: How Sex Hormones Shape Gender Development and What That Means for STEM"

Distinguished Symposia

1) Longitudinal Analyses on Gender and STEM

- Professor Ingrid Schoon, University of London, UK
- Professor Katariina Salmela-Aro, University of Jyväskylä, University of Helsinki, Finland
- Associate Professor Helen Watt, Monash University, Australia

2) Gendered Career Choices: Which social and individual factors are decisive?

- Professor Ruth Butler, Hebrew University of Jerusalem, Israel
- Professor Ursula Kessels, Free University in Berlin, Germany
- Professor Kathrin Leuze, Leibniz University Hannover, Germany

For more detailed information about conference program and registration please visit our website:
<http://www.genderandstem.com/conference-2014.html>

We hope to welcome you in Berlin in the summer of 2014!

Best regards, on behalf of your Gender & STEM conference organization team:

Rebecca Lazarides and Angela Ittel (TU-Berlin),
Helen Watt (Monash University) in collaboration with VHTO, The Netherlands