

Report on International Travel Support

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I wish to thank Associate Vice Provost for International Programs Dr. Julie Mostov, Anuha Mehra and the Committee on Faculty International Travel Support for this travel award that allowed me to represent Drexel University at the 8th International European Science Education Research Association conference in Istanbul, Turkey on Aug 31-Sept 4, 2009.

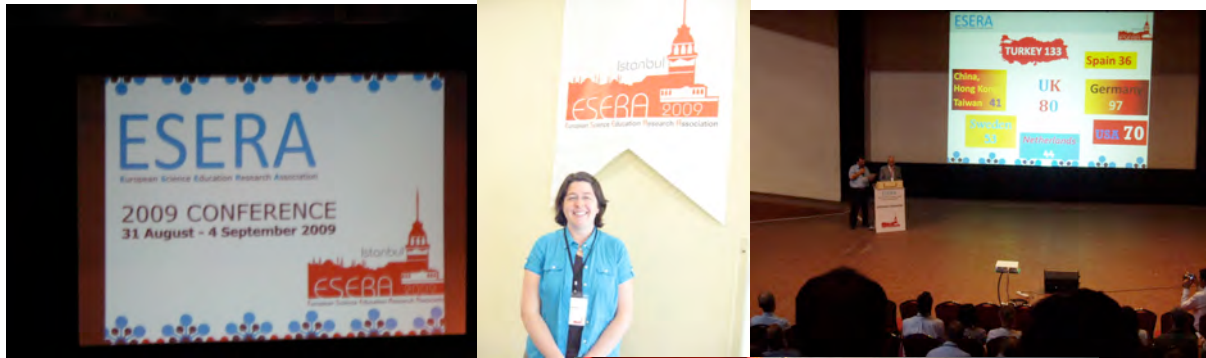
This award made it possible for me to present my research in urban science education to an international community. I presented the following two papers and spoke as part of an international panel on educational research methods focusing on theories of social difference and cutting-edge methodologies for classroom research.

1. Martin, S., & Siry, C. *Cogenerative dialogues and video analysis: transforming science teaching and learning in the elementary classroom*. Paper for oral presentation.
2. Siry, C., & Martin, S. (September, 2009). *Coteaching in science teacher education: facilitating collective responsibility for teaching and learning*. Paper for oral presentation.
3. Martin, S. Individual paper “*When trying your best is just not good enough*”: *Examining the role of video analysis and cogenerative dialogue in keeping teachers in urban classrooms* presented as part of a special symposium panel of international scholars entitled, “ ”.

The conference is the largest international assembly of science education researchers and convenes every two years. Around 1000 participants, including senior researchers, faculty, and graduate students attended to discuss advances in research methodologies, theories, and findings in K-20 science education. Plenary talks were held in the morning, followed by parallel oral sessions and panel symposiums. Additionally, ESERA organizes several informal discussions and daily excursions and mixers before and after scheduled presentations, which allowed me to meet with international colleagues to stimulate future research collaborations.

Through my participation at this conference, I established many international contacts and have been invited to collaborate with colleagues in several future projects. Specifically, I was invited to contribute a book chapter to an international text on place-based science education research and I was asked to submit a collaborative research mobility grant with Dr. Gudrun Ziegler at the University of Luxembourg to fund my travel as a visiting Scholar to Luxembourg later this academic year. Additionally, I had the opportunity to invite the current president of ESERA, Dr. Justin Dillon of King’s College, London, to speak at the *Cultural Studies of Science Education* conference, which I am co-organizing with Dr. Yew Jin Lee (University of Singapore) and Dr. Kathryn Scantlebury (University of Delaware) at Goodwin College in March 2010.

European Science Education Research Association Conference 2009 – Istanbul, Turkey



Clockwise from left, Opening conference presentation; **Dr. Sonya Martin** at ESERA; Countries in attendance at ESERA; **Dr. Sonya Martin** at the Museum of Science and Technology in Islam; Display of early astronomers 950AD; Architectural display of heated water system 1150 AD; View of the Blue Mosque; Stall at the Spice Market; Nazar display to ward off the evil eye in the Grand Bazaar; Cake display at LeBon Patisserie.

