

## **Helmholtz International Fellow Award**

Summary of Activities—Persis S. Drell

November 1, 2012 – March 1, 2013

The bulk of the award period was spent at the Center for Free Electron Lasers (CFEL) at the research center DESY. I was part of the Chapman group in CFEL, although I also interacted with many of the younger members of the Santra group.

My goals were to learn more about the science being done at Free Electron Lasers such as FLASH and LCLS, as well as what was being to in preparation for science at XFEL. I was able to contribute to the Chapman group by helping to develop a strategic plan on how to best achieve the ambitious scientific goals of the group.

In addition to my CFEL activities, I used the award period to engage in broader activities of the Helmholtz foundation and learn about the German strategy for science. This included:

- Participation in the Falling Walls Symposium in Berlin
- Participation in the Helmholtz Management Academy at Liebenberg Castle
- Participation in a FEL workshop in Trieste, Italy
- Conversations with many of the mid-career women scientists at DESY
- Participation in the DESY Photon Science and European XFEL User Meeting
- A one day visit to GSI
- A visit to the Berlin and Potsdam campuses of HZB
- Participation in the Helmholtz Press Breakfast at the American Association for the Advancement of Science (AAAS) meeting in Boston to discuss “Shaping the future through partnership: International collaboration as key element of excellent research”
- Participation in the Ringberg Meeting on Free Electron Lasers 2013 at Ringberg Castle
- A visit to the Neutron Research Source Heinz Maier-Leibnitz in Garching
- Support for a tour of the Amerika Gesellschaft Hamburg to DESY
- A meeting with Dr. Beatrix Vierkorn-Rudolf to discuss FAIR and GSI
- A seminar to the European XFEL staff on 'Lessons learned in building the LCLS at SLAC'