1. **Solar Science Professional Development (EVE)**
EVE EPO team members are in the process of developing an educator professional development module for their existing solar science kit. Initial module should be available next month.

2. **SID Student Succeeds in Solar Science Community** (HMI in collaboration with NSF/CISM)
   The most rewarding moments for EPO professionals come when they have the opportunity to watch a student they have inspired succeed and grow. In 2006, Leandra Merola was a student at South Side High School in New York when one of her teachers introduced her to the SID Space Weather Monitor project. Leandra undertook a three-month SID-based research project, mentored by Nick Gross of CISM, and Don Rice, Center for Atmospheric and Space Sciences - Utah State University, and Miriam Forman, at the State University of New York at Stony Brook. Her project was entered in the prestigious Intel Science Talent Search competition, “America’s oldest and most highly regarded pre-college science competition…often referred to as the junior Nobel Prize. Her work was also selected to be presented at the Regional Round of the Junior Science and Humanities, a highly competitive gathering where Leandra placed third of 120 students invited. Leandra earned herself a full scholarship to Bard College in New York, based partially on her accomplishments with the SID monitor, and pursued a double major in physics and music. She had summer internships at LASP and Sac Peak in New Mexico. Leandra will graduate this June and hopes to pursue a career as a solar scientist.

   *Leandra writes:*

   “I just finished my solar physics senior project and I wanted to share with you what I have been up to since you all influenced me so much. Attached is the paper I wrote, but in short I went to Sunspot, New Mexico to check out the solar telescopes there and then went on to analyze Ca II K spectra from the ISS instrument, which is part of SOLIS. I compared different Ca II K parameters to the solar cycle. Along the way I learned so much about solar physics in general and I realized how much there is still to learn.

   “The reason I am checking up with you is because without your welcoming enthusiasm I would have never become interested in solar physics. Thank you for showing me what a wonderful resource the solar physics community could be. Also thank you for preparing me for such wonderful opportunities, such as the internship I had with LASP through Colorado University last summer or even this senior project.

   “I hope you are continuing to help out upcoming physicists and I hope that you are all doing well in life and your studies.   Leandra J. Merola   Bard College”
3. **Social Media** (HMI & SDO)


*April 10, 2011 OPTICKS (part of Astronomy Month):* Also on April 10 Camilla’s BTS-1 picture and various paintings inspired by images from SDO were “beamed” to the Moon and back. This was done through OPTICKS, a live audio-visual radio transmission performance between Earth and the Moon, during which we send digital images of the seven colors of the spectrum to the moon and back. The images are transmitted in the form of radio signals from a dish situated in Brazil, the UK or Switzerland and received back by Dwingeloo radio telescope in The Netherlands, where they are reconverted into the original images. The process of converting radio signals into images and vice versa is made possible by the MMSSTV software, invented by Japanese radio amateur Makoto Mori in 2000 as improvement of the Slow Scan Television. See: [http://camilla-corona-sdo.blogspot.com/2011/04/beam-me-to-moon-april-10-2011.html](http://camilla-corona-sdo.blogspot.com/2011/04/beam-me-to-moon-april-10-2011.html)
April 11, 2011 Ignite Smithsonian: Camilla SDO was invited by the Smithsonian group to give an Ignite Smithsonian talk in Washington, DC. The presentation introduced the SDO mission, why we observe the Sun, and what roles Camilla and Little SDO play. It was very well received. More info and Camilla’s slide/video: http://smithsonian-webstrategy.wikispaces.com/Ignite+Smithsonian

Camilla’s Presentation at Ignite Smithsonian

April 12, 2011 NASA HQ: In the afternoon Camilla visited NASA HQ and met with the Planetary Science Division to brainstorm and share best practices in social media. Part of Camilla’s goal is to cross promote and educate between various NASA missions and centers and establish a network so the public’s science questions and issues can be addressed and answered quickly. NASA and various scientific group efforts strengthen team work and inspiration within NASA.

April 12, 2011 Yuri’s Night:

Camilla was a special guest at the Yuri’s Night DC celebration at the Science Club in Washington D.C.. Over 200 attendees celebrated 50 years of human space flight. Activities included a Lego spaceship building contest, space trivia games, and a guess-the-sci-fi-movie contest. The SDO team was well represented and handed out little SDO swags and little Camillas.

Activities at Yuri’s Night Festival included a Lego spaceship building contest
April 23, 2011 BTS-1 Pre-Flight Medical:

The BTS-1 (Balloon Transport System, 1st Flight Crew) had their T-15 Pre-Flight Medical Evaluation with an aspiring NASA Flight Surgeon. We used this event to introduce NASA Life Science / Medicine and mimic a real NASA mission as closely as possible. Thank you to Dr. Natacha Chough at Stanford Hospital.


April 29, 2011 Spirit of Innovation Awards: Camilla will be at NASA Ames as part of the Pete Conrad Foundation’s “Spirit of Innovations Awards”. This program challenges high school students to create innovative products using science, technology and entrepreneurship to solve real-world, 21st century problems. Last year’s winner created a NASA approved nutrition bar named “Solar Flare”. NASA, NSTA, AIAA, The Alliance and Sigma XI are program partners. The Innovation Summit, hosted by NASA’s Ames Research Center in Silicon Valley, CA, is the culmination of the Conrad Foundation’s Spirit of Innovation Awards program and the launch pad for breakthrough technologies from high school innovators. From April 28 - May 1st, 2011 leading entrepreneurs, government officials, and scientists will join the top young innovators and their teachers in a collaborative, social forum to help build the progressive technologies and the next-generation workforce of the 21st century. It is a truly one-of-a-kind environment where seasoned professionals engage with the best young entrepreneurs and together, design the future:

http://www.conradawards.org

Social Media Example Feedback for Little SDO & Camilla SDO:

- Patti Barrett : Happy Anniversary, Little SDO. I have learned more about the sun since following you and Camilla Corona than I knew in a lifetime. Thanks to both of you.
  (4/25/2011)
- Charles Johnson: I have been following solar activity since SOHO went online, but once SDO came online I have accessed the website as my main source for
monitoring solar activity. Thank you to all for developing the amazing Solar Dynamics Observatory and associated technology. Kudos x10 (4/25/2011)

Upcoming Social Media Events:
29 April STS-134 Launch
1-6 May NASA LWS/SDO Workshop
8 May BTS-1 Launch from Houston
9 May NASA JSC
15 May NASA Goddard ExploreGoddard
18 June Become a Pilot Day, Smithsonian Air and Space
28 June STS-135 Launch