

CRSR Education & Public Outreach
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Please come and talk to me about EPO projects, ideas, or proposals. Our EPO program will be strengthened (in terms of quality, recognition, and funding) if we work together, maintain quality projects, and keep a record of EPO activity. I am happy to help with planning, and at a minimum would appreciate being informed about EPO projects in the department.

Some current EPO projects (since being hired in June 2006)

- o 4-H Focus for Teens in June (planned and implemented independently by grad students)
- o Explore the Universe Day at Syracuse MOST sci/tech museum in August
- o 4-H Educators Sci/Tech Conference in October (workshop, poster session, and Science Demo Mixer)
- o CRSR and EPO webpages
- o Instructional resources review
- o Summer 2007 teacher institute with Lab for Elementary Particle Physics
- o Replace lobby display
- o Cassini-Huygens fall middle school science teacher workshop (Oct. 26)
- o Creating an elementary astronomy kit from Sabrina's GSSOP lessons with Main Street Science
- o After-school programs at Ithaca Middle Schools on Tuesday and Wednesday afternoons in November (looking for help with this)
- o Other projects going on in the department that I am not involved with

Some initial goals and ideas for EPO

- o Teacher workshops that connect to CRSR research using existing instructional resources
- o Cornell STEM Staff Development Day in March – offer workshops
- o Develop kits that teachers could borrow or replicate
- o Continuation of grad student-led projects and programs (EYH, Focus for Teens, Curious)
- o International Year of Astronomy 2009
- o Statewide volunteer network (amateur/professional astronomers) to work with schools (Project Astro, Imagine Mars...)
- o Grant writing for program funding
- o Serve as resource for teachers who are looking for help with teaching space sciences
- o Explore opportunities for K-12 students to work with real data
- o Respond to requests for tours and speakers
- o Activities for group visits to Space Sciences
- o Working with the Theory Center to offer activities in virtual solar system or Universe
- o Collaborative projects with other Cornell STEM Outreach programs
- o Career Awareness resources for students
- o Promoting astronomy activities for afterschool programs
- o Collaborate with informal science education centers

Other Cornell EPO Programs and Resources

- o Cornell Outreach <http://www.cornell.edu/outreach/>
- o Other Cornell STEM Outreach <http://www.cornell.edu/outreach/programs/learning.cfm>
- o GSSOP <http://www.psc.cornell.edu/gssop/>
- o Public Service Center <http://www.psc.cornell.edu/>
- o Main Street Science <http://www.nbtc.cornell.edu/mainstreetscience/>