

EPO Poster Papers (as of 7/16/10)

[Note: Many of the papers have multiple authors; only the name of the lead author is included here]

E1 Rocks from Space — Lunar Rocks and other Astromaterials on Loan! — Jaclyn Allen

E2 Language Preservation: Using the Language of Science as a Bridge to the Native American Community — Andrea Angrum

E3 Visualizing Space Plasmas and Particles: “Extraordinary Matter” — S. Beth Barbier

E4 Emergence: A Planetarium and Art Gallery Collaboration Between Visual Artist, Astronomer and Improvisational Musician — John Beaver

E5 Sustainable Astronomy: Students Teaching Students Teaching Students... — Cindy Blaha

E6 Exploring Outcomes for Teachers Who Engage in Astronomical Research with Scientists — Sanlyn Buxner

E7 The Juno Mission to Jupiter: Education and Public Outreach — Emily CoBabe-Ammann

E8 Global Change, Local Impacts: Student-produced Digital Stories about the Regional Impacts of Climate Change — Lisa Curtis

E9 NASA, National Parks and the US Fish and Wildlife Service Join Hands in Climate Change Communication — Anita Davis

E10 Kepler Mission Teacher Professional Development Workshops: Assessment of Six Events — Edna DeVore

E11 Great Balls of Fire: A National Traveling Exhibition About Comets, Asteroids, and Meteors — Paul Dusenbery

E12 Future Research in Interactive Planetariums — Alice Enevoldsen

E13 NASA SMD Earth and Space Science Education Product Review Poster — John Ensworth

E14 Education and Public Outreach at the American Astronomical Society — Richard Fienberg

E15 Relative Benefits of Different Delivery Modes of Professional Development: Insights from the Astronomy from the Ground Up Program — Claudia Figueiredo

E16 Goldilocks and the Three Planets — Matthew Fillingim

E17 A Game of Iron Beads: An Ecology of Metallicity — Douglas Fowler

E18 Gemini Cast: Our Spanish Podcast about Astronomy — Antonieta Garcia

- E19 We Are Scientists: An Ongoing Project to Provide Images of Astronomers, Geologists and Scientists to Educators — Pamela Gay
- E20 The Capitol College Space Operations Institute: A Partnership with NASA — Michael G. Gibbs
- E21 Global Systems Science and Hands-On Universe Course Materials for High School — Alan Gould
- E22 The Use of Archived Astronomical Images as a Vehicle for Introducing Scientific Methodology to Non-Scientists — Benjamin Griego
- E23 PlayDoh Astronomy One Year Later: The Size and Scale of the Earth-Moon System — Erika Grundstrom
- E24 Combining Outreach and Education with Space Field Test Activities by PISCES — John Hamilton
- E25 MyStar: Learning Stellar and Planetary Evolution with Your Own Personal Solar System — James Harold
- E26 Integrating the GalileoScope into Successfully Established as well as New Outreach Programs at Gemini Observatory — Janice Harvey
- E27 The Ultimate Astronomical Field Trip: Observing Experiences for Teachers — Mary Kay Hemenway
- E28 Lunar Quest in Second Life, Lunar Exploration Island, Phase II — Frank Ireton
- E29 LSST Education and Public Outreach — Suzanne Jacoby
- E30 CSU Science Teacher and Researcher (STAR) Program: Developing “Teacher-Researchers” through Paid Summer Research Experiences for Pre-Service and Early Career Science and Math Teachers — John Keller
- E31 Project ASTRO: A Network of Professional Developers in Astronomy for K–12 Education — Brian Kruse
- E32 Astronomy EPO and the 2012 Hysteria: Your Personal Guide to Joining the Battle — Kristine Larsen
- E33 Professional Development Workshops for K–8 Teachers at the Planetary Science Institute — Larry Lebofsky
- E34 Communicating with Kids on Complex Topics: NASA New Climate Change Web Site for Kids — Nancy Leon
- E35 Building an Astronomy Public Outreach Program with Very Little Time, Some Money and A Lot of Energy — Michael LoPresto
- E36 NASA Climate Resources for Formal and Informal Education — Russanne Low

- E37 The Undergraduate ALFALFA Team: A Model for Undergraduate Participation and Outreach in Large Research Collaborations — Ann Martin
- E38 AstroBITS: An On-Line Course for High School Teachers — Christopher Martin
- E39 Near Infrared Camera (NIRCAM): Making Models, Building Understanding — Donald McCarthy
- E40 Using Telescopic Observations to Mentor High School Students in STEM — Kevin McLin
- E41 IRIS Active Earth Display: Free Earth Science Content for Your Museum, Planetarium or School — Patrick McQuillan
- E42 A New 648-Megapixel All-Sky Mosaic Image — Axel Mellinger
- E43 Community Science Outreach: Building Sundials in Local Spaces/Parks — Vesna Milosevic-Zdjelar
- E44 Embracing the Wave: Using the Very Small Radio Telescope to Teach Students about Radio Astronomy — Madeleine Needles
- E45 The Sanford Center for Science Education: Translating the Content, Excitement and Promise of the Deep Underground Science and Engineering Laboratory for Educators, Students and Lifelong Learners — Margaret Norris
- E46 Undergraduates Learning to Teach Collaboratively in High School Classrooms — Delphine Perrodin
- E47 Lessons Learned from Cosmic Serpent, a Professional Development Project for Informal Educators on Science and Native Ways of Knowing — Laura Peticolas
- E48 A Real-Life Example of an Evaluation of a NASA-funded Project — Sandra Preston
- E49 Action Research: A Proven Model for Unifying Research and Practice — Jordan Raddick
- E50 Black Holes Don't Suck: Working with Youth to Make Museum Exhibits More Accessible — Erika Reinfeld
- E51 Engaging Teachers and Students in the Rio Grande Valley in Earth and Space Sciences — Judit Ries
- E52 Las Cumbres Observatory Global Telescope Network: Keeping Education in the Dark — Rachel J. Ross
- E53 Sun-Earth Geometry & Passive Solar Energy Teambuilding Activity — John Rusher IV
- E54 HELIO-lab — Combining Direct Observation of the Sun with Near Real-Time Data

— Hanna Sathiapal

E55 New York K–6 IYA Contest: A Pilot Project — Nancy Schaff

E56 Reaching Special Needs and At-Risk Youth through Science — Deborah Scherrer

E57 The Little Thompson Observatory in Berthoud, CO — Andrea Schweitzer

E58 NASA Astrophysics E/PO Resources for Engaging Girls and Young Women in Science — Mangala Sharma

E59 Tour through the Solar System: A Hands-on Planetary Geology Course for High School Students — Sarah Sherman

E60 Great Observatories Image Unveilings: Behind the Scenes — Denise Smith

E61 The Research Experience for Undergraduates Program in Solar and Space Physics at the University of Colorado — Martin Snow

E62 Authentic Astronomy Research Experiences for Teachers: The NASA/IPAC Teacher Archive Research Program (NITARP) — Gordon Squires

E63 A Model of Student Exchange — Terry Teays

E64 From Comic Books to Embedded Teacher Workshops: Unusual Approaches in Space Science Educational Outreach — Mary Urquhart

E65 SDOisGO: Using Social Media to Build Community — Aleya Van Doren

E66 Bringing the Planets to Virginia and Beyond: Exhibits at the University of Virginia Leander McCormick Observatory and the Science Museum of Virginia — Anne Verbiscer

E67 High-Altitude Balloon Launches and Hands-On Sensors for Effective Student Learning in Astronomy and STEM — Hank Voss

E68 Dark Skies from the Ground Up: Before, During and After GLOBE at Night — Constance Walker

E69 MY-Astronaut.org: Vote for and Fund Suborbital Space Heroes or Earth Stewardship=Your Ticket to Space — Elizabeth Wallace

E70 Georgians Experience Astronomy Research in Schools (GEARS) — Zodiac Webster

E71 Free-Choice Family Learning Experiences at Telescope Observing Events — Matthew Wenger