



The Astronomical Society of the Pacific increases the understanding and appreciation of astronomy by engaging scientists, educators, enthusiasts and the public to advance science and science literacy. Make a gift today to support the ASP's networks that work to improve science literacy through astronomy.

NETWORK OF AMATEUR ASTRONOMERS

PROGRAMS

The **NASA Night Sky Network (NSN)** is a coalition of amateur astronomy clubs from across the country whose members are actively engaging their communities in exploring the skies through outreach events. The ASP, under contract to NASA, develops themed outreach toolkits, training DVD's for the outreach materials and ongoing support through telecons and web casts with NASA scientists and monthly newsletters.

Sharing the Universe is an NSF funded study of amateur astronomy clubs to develop additional support mechanisms that will help establish a culture of outreach within NSN clubs and others.

Recognition

Amateur Achievement Award

For significant observational or technical achievements by an amateur astronomer

Las Cumbres Amateur Outreach Award

For outstanding outreach by an amateur astronomer to children and the public

NETWORK OF INFORMAL SCIENCE EDUCATORS

PROGRAMS

Astronomy from the Ground Up is bringing more astronomy to small science centers. This NSF funded program is creating a growing community of informal educators in small science and nature centers who are interested in bringing more astronomy to their audiences. The community is supported by materials and training developed by the ASP and others and ongoing learning communication through a web portal.

Recognition

Klumpke-Roberts Award

For outstanding contributions to the public understanding and appreciation of astronomy



NETWORKS OF FORMAL EDUCATORS (K-14)

PROGRAMS

Project ASTRO/Family ASTRO

Creating Partnerships

Project ASTRO is an inquiry-based national science education program that pairs volunteer professional and amateur astronomers with educators, their students and families. Project ASTRO partners are in both classroom and after-school settings. Since 1993 the program has brought the excitement of scientific discovery to nearly 200,000 children. The Family ASTRO spin-off developed leader kits for family astronomy events to be hosted in after-school settings and has served thousands of families. There are 13 active sites around the country participating either in Family or Project ASTRO or in some cases both. Those coordinators meet annually to exchange innovations and resources at the Project ASTRO National Network Site Leaders' Meeting.

Cosmos in the Classroom

Approximately every three years, the ASP organizes a hands-on symposium on teaching astronomy to undergraduate, non-science majors. The proceedings of the 2000, 2004 and 2007 symposia are available through the ASP AstroShop.

SOFIA Education and Outreach

In partnership with the SETI Institute, the ASP manages the educational and public outreach program for NASA's Stratospheric Observatory for Infrared Astronomy. This program has a goal of flying high school teachers with researchers on the observatory.

Recognition

Richard H. Emmons Award

For excellence in college astronomy teaching

Thomas J. Brennan Award

For exceptional achievement related to the teaching of astronomy at the high school level

Pricilla and Bart Bok Award

For an astronomy award at the Intel Science and Engineering Fair.

ASP RESOURCES

Universe in the Classroom

The ASP's newsletter for teachers of grades 3-12, is now hosted on the web and looking for international translators. Each issue features astronomy articles, classroom-ready activities, and resources. You may now register to be notified by e-mail when a new issue is posted.

www.astrosociety.org/uitc

AstroShop: Education Products Online

The web-based AstroShop features ASP publications and products available to help K-14 teachers and astronomers who work with them, college educators, families, and amateur astronomers doing outreach.

www.astrosociety.org/astroshop.html

Investigating Astronomy

Developed by TERC in partnership with NOAO and the ASP, this modular high school curriculum integrates real life, data driven applications into the astronomical and physical science content of the activities.

<http://ia.terc.edu>

ASP Programs

www.astrosociety.org/education

Resources

www.astrosociety.org/resources

Recognition

www.astrosociety.org/awards



About the Astronomical Society of the Pacific

Founded in 1889, the non-profit Astronomical Society of the Pacific (ASP) increases the understanding and appreciation of astronomy by engaging scientists, educators, enthusiasts and the public to advance science and science literacy. Serving research astronomers, educators of all descriptions, and amateur astronomers, the ASP publishes both scholarly and educational materials, conducts professional development programs for formal and informal educators, and holds conferences, symposia, and workshops for astronomers and educators who specialize in astronomy education and public outreach. The ASP's programs are funded by NASA, the National Science Foundation, corporations, private foundations, and our friends and benefactors.

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