



Astronomical Society of the Pacific

2005 Annual Report



“Astronomy makes me feel like I’m on a rocketship of discovery. Nothing else quite makes it!”

*— Joan Chamberlin,
Astronomical Society of
Northern New England*



From the President

As President of the ASP, it is my pleasure to share with you this annual report for fiscal year 2005-06. In summary, the ASP programs are strong and the financial health of the Society is the best it has been in many years.

The Society continues our important work with the professional and amateur astronomy communities. In order to magnify our efforts we are increasingly serving the “intermediate communicators,” those who share the excitement of the Universe with others. We work with K-14 classroom teachers, amateur astronomers, and informal science educators, assisting them to become more knowledgeable, more highly motivated, and more effective in their work.

In 2005 the ASP was awarded a \$2 million grant by the National Science Foundation to begin a multi-year program entitled “Astronomy from the Ground Up.” This professional development program will begin to create a nationwide community of informal educators in small science and nature centers who are interested in bringing more astronomy to their audiences. This grant directly supports our work with the education and public outreach community and is a sign of our continued success.

On behalf of the Board of Directors and the entire Society, thank you for your support of the ASP.

Cordially,

Dennis Schatz

VP of Education, Pacific Science Center



From the Executive Director

This past year has been especially exciting and eventful for the ASP. Highlights include a major new grant from the NSF (mentioned above by Dennis), a very successful astronomy educators conference in Tucson, the smooth editorial transition at the PASP, significant improvements in the Conference Series including electronic access, continued growth of the outreach program for amateur astronomers that we manage for NASA (the Night Sky Network), new Family ASTRO sites in Colorado and Kansas, the new Emmons award honoring excellence in college introductory astronomy instruction, and much more.

While we continue to improve our service to the research community with our technical publications, our strategic decision to “sharpen our focus” more on educational activities and programs is bearing fruit. Increasingly, the ASP is being recognized as one of the very few major national leaders in astronomy education—by NASA, NSF, the National Academy of Sciences, and others. Our Education Department staff now includes seven professionals and is still growing. With almost all of our programs aimed at “intermediate communicators,” we are improving the professional skills of thousands of educators every year, and they are in turn reaching hundreds of thousands—if not millions—of people all around the world.

As an ASP member, volunteer, corporate partner, or benefactor, you are part of an organization that is truly making an impact in science education. We invite you to continue and even expand your participation. Together we *can* make a difference.

Cordially,

Michael Bennett



Astronomy —

the **spark** that can lead to
a **lifelong** interest in science



Passing that spark on to others

is one of the most important things we can do as scientists, educators, or simply as concerned citizens.

The vast universe above us has generated wonder, awe, and curiosity since the dawn of humankind. Even today, when students or adults are asked what topic in science they find most interesting, stars and space consistently rank near the top. Few sciences can compete with astronomy when it comes to igniting the sparks of wonder and curiosity that lead to self-motivated learning and to a life-long interest in science.

However, those sparks of inspiration rarely jump directly from the sky. More often they jump from one person to another. The link might be an amateur astronomer providing neighborhood children their first never-to-be-forgotten view of Saturn through a telescope. A youth group leader pointing out the constellations. A sixth-grade teacher guiding students to discover for themselves how Moon phases work. A professional astronomer visiting a Girls Club and sharing how she became fascinated by science as a youngster. Such passion is contagious.



Improving Science Literacy

The lack of science literacy — understanding the key concepts of science — continues to pose a fundamental challenge to our society.

The Astronomical Society of the Pacific (ASP) has become one of the nation's leading organizations devoted to improving science literacy by helping to increase the enjoyment, understanding, and appreciation of astronomy. Never in our country's history has our work been more urgent and necessary.

“...a scientifically literate citizenry is crucial if our society is to compete successfully and prosper in the global marketplace of the 21st century.”

This is not somebody else's problem. It is *our* problem — those of us who realize that a scientifically literate citizenry is crucial if our society is to compete successfully and prosper in the global marketplace of the 21st century. Improved science education at all levels accomplishes three important and closely related goals.

- First, it helps fill the educational “pipeline” with students who will become tomorrow's trained science and technology “knowledge workers” necessary to our nation's continued success.
- Second, it builds a broad-based scientifically literate society at a time when so many crucial public decisions depend on an understanding of science and technology.
- Third, science literacy empowers individuals with the knowledge to live in an increasingly technological world.

Our Mission, Our Purpose...



help more people ignite more sparks

For nearly 120 years the ASP has been dedicated to helping people understand, appreciate, and enjoy astronomy. Increasingly, we have focused on working with the “intermediate communicators”— those who want to share the excitement of the universe with others. By assisting *them* to become knowledgeable, highly motivated, and more effective, our efforts are multiplied by hundreds, even thousands of times. The ASP’s work has been cited among the best in science education by NASA, the National Science Foundation, and the National Academy of Sciences. The ASP actively works to include groups that have traditionally been underrepresented in the sciences — particularly ethnic communities and women.

The potential cadre of astronomy and science educators is huge. It includes:

- Thousands of K-12 classroom teachers who can use astronomy as the spark to create interest in science among their students.
- Numerous research astronomers who want to share their expertise but lack the skills and outreach opportunities to do so.
- Informal science educators, both professional and volunteer, working in planetariums, science centers, museums, and nature centers.
- Thousands of amateur astronomers who are already conducting public star parties and classroom visits, and many thousands more who would become involved in outreach with just a little help.
- Graduate and undergraduate astronomy students who can make important contributions to astronomy research and outreach.
- Youth group leaders who would love to get more kids interested in science.
- The growing profession of education and public outreach practitioners—those who develop and distribute space and astronomy education programs and materials.
- College and university professors who want to “de-mystify” science and make their introductory astronomy classes more interesting and the education more long-lasting.



Accomplishing Our Mission

The ASP accomplishes its mission by:

- Uniting the interests and expertise of scientists, educators, amateur astronomers, and enthusiasts.
- Providing nationwide programs, training, resources, and tools to assist and encourage all who want to be educators or communicators.
- Recognizing and honoring extraordinary contributions to astronomy and astronomy education.
- Disseminating the results of astronomical and educational research to the astronomical community.
- Communicating the excitement of astronomy to educators and the general public.

The Year in Review...

2005 was a particularly busy and eventful year, bringing the ASP a new NSF grant, positive changes to both the PASP and Conference Series, significant additions to the professional staff, a very successful conference in Tucson, a major new annual award, and much more. Here are a few of the highlights from 2005.

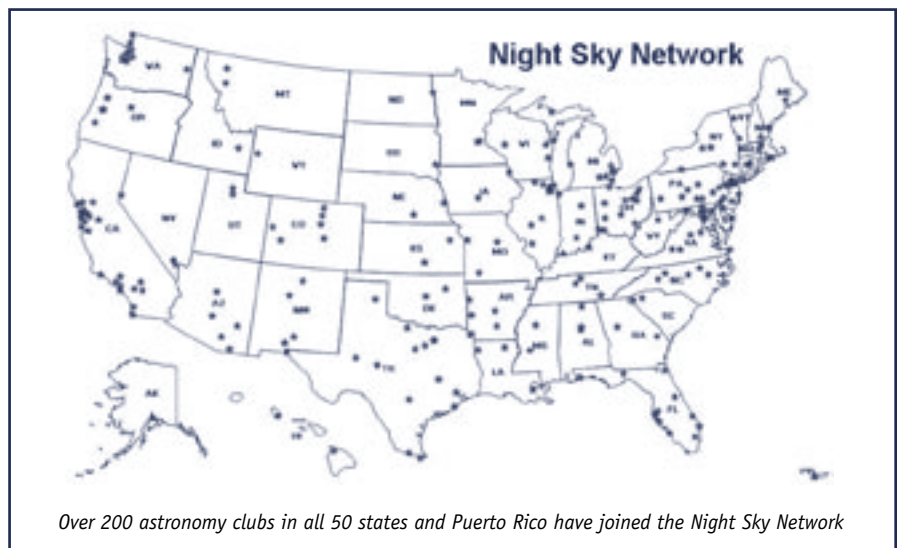
Astronomy from the Ground Up (AFGU): Bringing more astronomy to small science centers.

Funded by the Informal Science Education (ISE) division of the National Science Foundation (NSF), this four-year project is aimed at improving the astronomy education skills of staffers in small science centers, museums, and nature centers. Working closely with our partners at the National Optical Astronomy Observatory (NOAO) and the Association of Science and Technology Centers (ASTC), we are developing and testing outreach toolkits and workshops, and working to create a sustainable online “community of practice” for these informal science educators. In addition, the project will discover to what extent face-to-face professional development workshops can be replaced by a pure distance learning experience. Ultimately the project will train hundreds of educators and impact over a million museum visitors.



NASA Night Sky Network (NSN): Amplifying the outreach energy of amateur astronomers.

Funded by a consortium of NASA’s astronomy missions, the ASP’s Night Sky Network of amateur astronomy clubs helps amateur astronomers conduct more effective public outreach events by providing tested easy-to-use “Outreach ToolKits,” training, and support. Two new ToolKits were distributed to NSN member clubs in 2005 — “Our Galaxy: Our Universe” and “Black Hole Survival Kit.” Since its launch in early 2004, members of NSN clubs around the country have used our Outreach ToolKits at over 3000 public events, bringing astronomy to over 300,000 people.



Expanding Astronomy Outreach

The Project ASTRO™ National Network

Members of this group of 15 regional sites offer Project ASTRO, the ASP's premier science education program that partners teachers with volunteer professional and amateur astronomers, and/or Family ASTRO, a spin-off program that helps families, youth groups, and many others enjoy some of the exciting ideas that underpin our understanding of the universe. To date, almost 175,000 classroom students have been directly impacted through Project ASTRO, and close to 10,000 people have participated in a Family ASTRO event. During the 2005-2006 school year, the Network expanded to include new sites in Colorado and Kansas.



Stratospheric Observatory for Infrared Astronomy (SOFIA)

Since the project's inception in 1996, the ASP and the SETI Institute have been jointly responsible for developing and implementing SOFIA's Education and Public Outreach programs. With the airborne observatory scheduled for test flights in 2006, the SOFIA EPO staff continued planning for full operations. At the same time, they conducted numerous workshops and presentations around the country for both formal and informal educators, including extensive training of more than 100 middle school teachers in the use of our "Active Astronomy" activities kits, which consist of tested classroom activities centered on helping students learn about the properties of "invisible light."

Universe in the Classroom

Written primarily for middle school science teachers, this well-known free on-line newsletter features astronomy content articles, hands-on learning activities, and classroom-ready activities. In 2005 the number of teachers who have registered to receive email notification of each new issue increased to over 8,000, and many thousands more viewed or downloaded copies.



Nationally Recognized

The ASP's education programs are recognized by:

The National Academy of Sciences – profiled Project ASTRO™ as being an “especially effective program that engages scientists and other community members in K-12 science education programs.”

The National Science Foundation – cited Project ASTRO as a “particularly stunning” example of a project that promotes the Foundation’s strategic goals by focusing on scientific discoveries, working in multilingual communities, and establishing synergistic partnerships between education, research, and practicing scientists (NSF 2001).

The Astronomy Decadal Survey (2000-2010) – singled out the ASP as one of the few national organizations dedicated to playing a crucial role in meeting national goals for astronomy education.



Every year the ASP's education staff touches the lives of thousands of astronomy educators of all descriptions, from college professors to amateur astronomer “outreachers.” Maintaining a constant focus on the needs of the end user, the staff works primarily with these intermediate communicators to help them become more effective educators.

ASP Annual Meeting

In September of 2005, the ASP sponsored what may have been the largest gathering of astronomy Education and Public Outreach professionals ever held.

The conference took place in Tucson, Arizona, and attracted nearly 400 people for three days of workshops, clinics, panels, and discussions to share their ideas, learn from each other, form new professional connections, and to work with one another to support this new community of professionals. Many thanks to local hosts at the University of Arizona for their incredible support. The 2006 annual meeting will be held in Baltimore, Maryland co-hosted with Space Telescope Science Institute.

Astronomical Society of the Pacific
117th Annual Meeting

BUILDING COMMUNITY:
The Emerging EPO Profession
A NATIONAL CONFERENCE

September 14-16, 2005 • Tucson, Arizona



Dan Zevin at ASP booth



Plenary session with Larry Cooper

The 118th Annual Meeting of the ASP

ENGAGING THE EPO COMMUNITY:
Best Practices, New Approaches
A National Conference

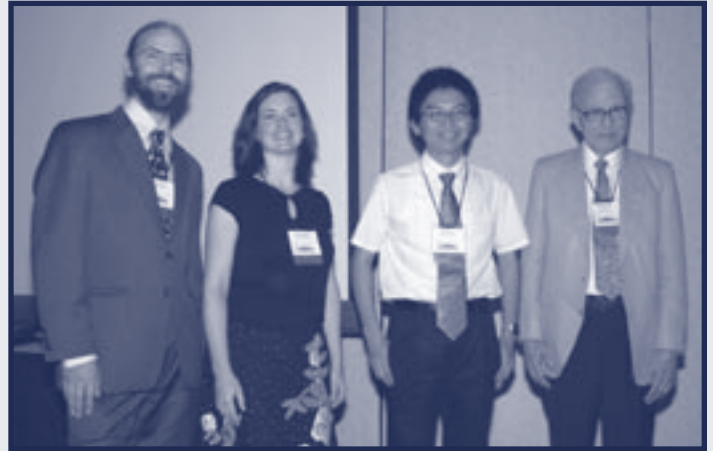
September 16-18, 2006 • Baltimore, Maryland
Co-hosted with the Space Telescope Science Institute

Honoring Excellence: ASP Awards

The Astronomical Society of the Pacific honors special accomplishments in astronomy research, technology, education, and public outreach by giving seven annual awards.

The ASP's most prestigious award, the **Catherine Wolfe Bruce Gold Medal**, for a lifetime of achievement in astronomy research, was presented to **Robert Kraft** of the University of California at Santa Cruz.

2005 ASP Award winners Robert Lupton, Jennifer Scott, Siming Liu, and Robert P. Kraft. Not pictured are Jeff Goldstein, Tim Hunter, C. Steve Rapp, and Mary Lou Whitehome.



Klumpke-Roberts Award: Outstanding contributions to the public understanding and appreciation of astronomy. **Jeff Goldstein**, Challenger Center for Space Science Education, USA (now at Universities Space Research Association)

Thomas J. Brennan Award: Excellence in the teaching of astronomy at the high school level in North America. **C. Steve Rapp**, Linwood Holton Governor's School, Abingdon, Virginia, USA

Robert J. Trumpler Award: Recent Ph.D. degree in North America whose research is considered unusually important to astronomy. **Jennifer Scott**, Ph.D. granted by University of Arizona, Department of Astronomy (now at NASA Goddard Space Flight Center, USA) and **Siming Liu**, Ph.D. granted by University of Arizona, Department of Physics (now at Stanford University, USA)

Maria and Eric Muhlmann Award: Recent significant observational results made possible by innovative advances in astronomical instrumentation, software, or observational infrastructure. **Robert Lupton**, Princeton University, USA

Amateur Achievement Award: Significant observational or technological contributions to astronomy or amateur astronomy by an individual not employed in the field of astronomy in a professional capacity. **Tim Hunter**, Tucson, Arizona, USA

Las Cumbres Amateur Outreach Award: Outstanding educational outreach by an amateur astronomer to K-12 children and the interested lay public. **Mary Lou Whitehome**, Halifax, Nova Scotia, Canada

A New Award

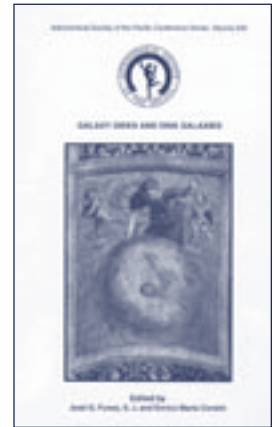
The Richard H. Emmons Award was inspired by a very generous gift from Jeanne and Allan Bishop, in honor of Jeanne's father, Richard Emmons. Jeanne Bishop, a well-known astronomy educator in her own right, wished to honor her father, an astronomer with a life-long dedication to astronomy education, by creating an annual award that recognizes and celebrates outstanding achievement in the teaching of college-level introductory astronomy for non-science majors. The first award will be made in 2006.

Serving the Research Community

Conference Series

The ASP is arguably the world's largest publisher of conference proceedings on recent developments in astronomy, astrophysics, and related topics. Since 1988 the ASP has published the renowned Conference Series as part of its century-old mission to provide resources for astronomers and advance the science of astronomy.

The ASP published 25 volumes in 2005, and brought all of the 2004 - 2005 volumes onto the web in electronic form. Access to the electronic form of the Conference Series volumes has been very well-received, with over 120,000 page requests each month from institutions and individuals. Abstracts are free to view and the purchase of any volume produced after 2003 includes both hard copy and electronic access. Continued improvements to the production process are making the volume editors more efficient and helping to hold prices down.



The ASP thanks Anne Cowley and David Hartwick for their years of dedicated service to the Society as editors of the *PASP*.

PASP

The *Publications of the Astronomical Society of the Pacific (PASP)* has been published regularly since 1889, as part of the ASP's mission to advance the science of astronomy and disseminate astronomical information.

The *PASP* publishes refereed papers on astronomical research covering all wavelengths and distance scales as well as papers on the latest innovations in astronomical instrumentation and software.

In 2005 the *PASP* published 98 "regular" research articles, 17 "instrumental" research papers, seven dissertation summaries, and two obituaries. Total editorial page count was 1,483, up nearly 25% from 2004. "Turnaround time," the number of days from article submission to acceptance (a measure of the publication's editorial efficiency) averaged 46 days for regular research papers—significantly shorter than similar journals.



On January 1, 2006, Paula Szkody joined the ASP as the new Editor of *PASP*. Szkody, Professor of Astronomy at the University of Washington, has a distinguished record of research and over 300 publications. As a member of the ASP's Board of Directors from 1988–92, a member of the ASP's Publication Board from 2001–2003, and former Scientific Editor of the *Astrophysical Journal*, Paula brings a wealth of experience to the *PASP*.

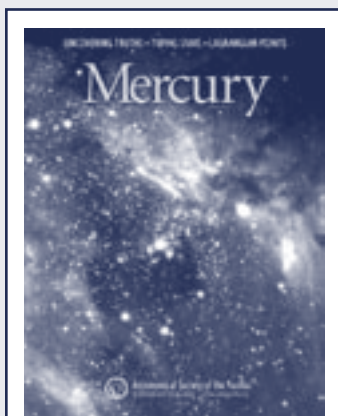
Serving Our Members

Over 3200 individuals and institutions from over 50 countries experience and share their passion for and knowledge of astronomy as members of the Society. Whether research astronomers, educators, astronomy enthusiasts, or amateur astronomers, each assists us to further our mission and purpose.

This past year, nearly 400 new individuals joined the ASP, demonstrating their active support of our mission. Supporter's Circle membership increased for the third year in a row by almost 15%, as even more members demonstrate their belief in the importance of helping more people understand, enjoy, and appreciate astronomy.

At the same time, total membership decreased by about 2%, echoing the long-term nationwide decline in society memberships in general. During 2006, the ASP will be conducting a thorough analysis of its membership policies, to ensure ongoing alignment between the long-range goals of the Society and its membership.

Member Benefits



Mercury magazine, a benefit of ASP membership, features articles showcasing the latest developments in astronomy as well as Society news and monthly sky events.

Since 1972 **Mercury** has served all ASP members by bringing them up-to-date and thought-provoking articles on modern astronomy, astronomical history, current events in the night sky, and news about the Society and its members. 2005 saw a continuing evolution to more content covering astronomy education and outreach with a new column, "Education Matters." *Mercury's* increased coverage of the world of astronomy education has been very well-received by our members, and will continue.

For some years now ASP members and friends have taken the opportunity to join us on a variety of exciting **Astronomy Tours**. In April 2005, ASP Executive Director Mike Bennett and former ASP President Alex Filippenko treated adventurers to lectures, discussions, and great conversations aboard a luxurious two-week cruise to the South Pacific to witness a rare hybrid annular-total solar eclipse.

Communication through email newsletters and our website continues to provide our members with the latest Society news, resources, and materials to help them with their outreach efforts or their own enjoyment of astronomy.

Members also receive a special discount when shopping for educational materials, gifts, logo merchandise, and other astronomy-related resources at the online **AstroShop**.



A special thank you to the Supporter's Circle and Family Members whose higher membership dues support the activities of the Society.

Advancing the Mission

In 2003 we conducted a major strategic planning exercise, aimed at ensuring that we are using our resources as effectively as possible to accomplish our mission. As a result we decided to sharpen our focus by concentrating even more on education and particularly on “educating the educators”—working with all those classroom teachers, amateur astronomers, and science educators who can amplify *our* efforts by hundreds and even thousands of times.

That effort continued in 2005 with the establishment of our Annual Meeting as a national conference supporting Education and Public Outreach (EPO) professionals, and with the addition of a new NSF-funded project, Astronomy from the Ground Up, aimed at helping informal science educators in small museums and science centers do more and better astronomy.

ASP Advisory Council

In 2005 we re-constituted the ASP Advisory Council. Appointed by the Board of Directors, the Advisory Council provides feedback and advice to the Board and staff on strategic questions and issues affecting the Society. It is composed of former Board members, leaders in the astronomy research and astronomy education communities, and other friends of the ASP. Members are asked to serve for a term of three years, and may be reappointed.

New Advancement Effort

The ASP continues to place an important emphasis on serving our mission and focusing on the astronomy education and public outreach community. To expand on the success of the past and provide a foundation for the future, the ASP Board of Directors established the position of Chief Advancement Officer.

Following a national search, Michael G. Gibbs joined the ASP as the Chief Advancement Officer in the fall of 2005. Michael recently served as Vice President for Development at Saint Mary’s University of Minnesota in Winona, Minnesota, and prior to that he served in a number of increasingly responsible positions at DePaul University in Chicago, Illinois. Additionally, Michael is an adjunct faculty member at the Spertus College Center for Nonprofit Management where he has taught both their fundraising management and board development classes.

Join Us for Travel and Astro-Adventure in 2006

For more details
or to request a trip brochure,
visit us online.

www.astrosociety.org



Financial Summary

Statement of Activities

| | For the year ended February 28, 2006* | | | | For the year ended February 28, 2005† | | | |
|---|---------------------------------------|------------------------|------------------------|--------------------|---------------------------------------|------------------------|------------------------|--------------------|
| | Unrestricted | Temporarily Restricted | Permanently Restricted | Total | Unrestricted | Temporarily Restricted | Permanently Restricted | Total |
| Public Support and Revenue | | | | | | | | |
| Membership Dues | \$ 263,473 | \$ 125,853 | \$ - | \$ 389,326 | \$ 297,139 | \$ 122,612 | \$ - | \$ 419,751 |
| Government grants | 769,145 | - | - | 769,145 | 578,693 | - | - | 578,693 |
| Donations and bequests | 148,418 | 151,430 | 100 | 299,948 | 130,433 | - | 270,100 | 400,533 |
| In-Kind donations | 16,500 | - | - | 16,500 | 243,100 | - | - | 243,100 |
| Total public support | \$1,197,536 | \$ 277,283 | \$ 100 | \$1,474,919 | \$1,249,365 | \$ 122,612 | \$ 270,100 | \$1,642,077 |
| Revenue | | | | | | | | |
| Sales of educational materials | 219,746 | - | - | 219,746 | 209,721 | - | - | 209,721 |
| Sales of conference series | 541,199 | - | - | 541,199 | 519,508 | - | - | 519,508 |
| Publications of ASP | 186,929 | - | - | 186,929 | 140,883 | - | - | 140,883 |
| Meetings and workshops | 90,407 | - | - | 90,407 | 70,237 | - | - | 70,237 |
| Other revenue | 51,681 | - | - | 51,681 | 59,471 | - | - | 59,471 |
| Total revenue | 1,089,962 | - | - | 1,089,962 | 999,820 | - | - | 999,820 |
| Net assets released from restrictions | 218,099 | (218,099) | - | - | 125,403 | (125,403) | - | - |
| Total public support, revenue and transfers | 2,505,597 | 59,184 | 100 | 2,564,881 | 2,374,588 | (2,791) | 270,100 | 2,641,897 |
| Expenses | | | | | | | | |
| Program services | 1,864,036 | - | - | 1,864,036 | 1,627,816 | - | - | 1,627,816 |
| Support services | 699,772 | - | - | 699,772 | 857,156 | - | - | 857,156 |
| Total expenses | 2,563,808 | - | - | 2,563,808 | 2,484,972 | - | - | 2,484,972 |
| Change in net assets before other income (loss) and expense | (58,211) | 59,184 | 100 | 1,073 | (110,384) | (2,791) | 270,100 | 156,925 |
| Investment gain | 35,978 | - | - | 35,978 | 37,867 | - | - | 37,867 |
| Investment expense | (4,223) | - | - | (4,223) | (6,154) | - | - | (6,154) |
| Change in Net Assets | (26,456) | 59,184 | 100 | 32,828 | (78,671) | (2,791) | 270,100 | 188,638 |
| Net Assets, Beginning of Year | 205,503 | 122,612 | 903,111 | 1,231,226 | 284,174 | 125,403 | 633,011 | 1,042,588 |
| Net Assets, End of Year | \$ 179,047 | \$ 181,796 | \$ 903,211 | \$1,264,054 | \$ 205,503 | \$ 122,612 | \$ 903,111 | \$1,231,226 |

* Unaudited results.

† The ASP's audited financial statements may be obtained by writing to the ASP's main office in San Francisco.

Financial Summary

Statement of Financial Position

For the year ended February 28, 2006 and February 28, 2005

| | 2006* | 2005† |
|--|--------------------|--------------------|
| Assets | | |
| Current assets: | | |
| Cash and cash equivalents | \$ 241,476 | \$ 338,324 |
| Accounts receivable, net of allowance for doubtful accounts of \$4,000 in 2006 | 193,161 | 181,454 |
| Contribution receivable, net of present value discount | 37,317 | 270,000 |
| Government grants receivable | 201,416 | 75,007 |
| Inventory | 285,073 | 269,075 |
| Prepaid expenses | 72,762 | 78,230 |
| Total current assets | 1,031,205 | 1,212,090 |
| Permanently restricted cash | 213,246 | 182,824 |
| Permanently restricted investments | 689,965 | 450,287 |
| Property and equipment, net of accumulated depreciation of \$456,148 in 2006 | 579,010 | 587,198 |
| Total Assets | \$2,513,426 | \$2,432,399 |
| Liabilities and Net Assets | | |
| Current liabilities: | | |
| Accounts payable and accrued expenses | \$ 301,017 | \$ 209,055 |
| Notes payable, current portion | 16,977 | 16,108 |
| Deferred revenue | 186,063 | 214,611 |
| Total current liabilities | 504,057 | 439,774 |
| Note payable, long term portion | 745,315 | 761,399 |
| Total liabilities | 1,249,372 | 1,201,173 |
| Net assets: | | |
| Unrestricted net assets: | | |
| Undesignated | 33,276 | 64,841 |
| Board Designated quasi-endowment | 145,771 | 140,662 |
| Total unrestricted net assets | 179,047 | 205,503 |
| Temporarily restricted net assets | 181,796 | 122,612 |
| Permanently restricted net assets | 903,211 | 903,111 |
| Total net assets | 1,264,054 | 1,231,226 |
| Total Liabilities and Net Assets | \$2,513,426 | \$2,432,399 |

*Unaudited results.

†The ASP's audited financial statements may be obtained by writing to the ASP's main office in San Francisco.

2005 Benefactors

Society Benefactor (\$100,000 and above) Anonymous

President's Circle
(\$5,000 and above)
Allan & Jeanne E. Bishop
John C. Diebel+
Estate of Richard H. Emmons
Burton & Deedee McMurry

Edward S. Holden Society
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in support of
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in honor of the
45th wedding Anniversary
of Peter & Stefi Gruenberg,
in honor of the marriage of
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in support of the *PASP*
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in memory of Leon Salanave
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Nola Haynes,
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in support of
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in memory of Philip &
Phyllis Morrison
Bernhard U. Vainik
Richard M. Van Effen
Marshall W. Walker
in memory of
Marshall Walker, Sr.
Thomas R. Williams
in memory of Janet A. Mattei

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(\$100 - \$249)
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in support of Family ASTRO
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in memory of Barry LaBonte
& Mike Klein
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