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 Third Quarter

PSF NEWS

Planetary Studies Foundation

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CALLING ALL WRITERS— YOUNG, OLD & IN BETWEEN

Do you enjoy writing? Are you interested in sharing your expertise or passion with the rest of the PSF membership? Are you currently in high school or college and think getting published could help your application or resume? The PSF has a unique opportunity for a talented individual to be featured in the 2014 quarterly newsletters. Whether you're interested in science, history, the environment, etc. having your writing featured in *PSF News* is a valuable tool and great for personal brand exposure.



The topic for your writing will be broad. We only ask that the article aligns with the PSF's membership and interests. **Please contact Andrea Cosentino via email [amcplanets \[at\] gmail.com](mailto:amcplanets@gmail.com) no later than November 15, 2013** if you are interested in learning more about this opportunity. Additionally, we are open to discuss other opportunities depending on your career or educational objectives.

Don't miss out on a great opportunity presented to you by the Planetary Studies Foundation!

FOLLOW PSF ON SOCIAL MEDIA EVENT INFORMATION, UPDATES & RESOURCE FOR DAILY LEARNING!



PRESIDENT'S MESSAGE

This summer's highlight event was the Annual Members Meeting held on August 24th at our 1876 Banwarth House & Museum. It is always good to spend a few hours with so many of our distant members that I do not normally get to see during the year. It is also very pleasing to know that so many of our members feel that the Banwarth House is their "home away from home". That is exactly what it was intended to be when it was purchased almost five years ago. It is also gratifying to have so many of our distant members participate in the meeting by submitting their proxy votes. We know that our membership is geographically scattered across the globe, but this annual event momentarily brings us all together whether in person or electronically connected.

Each year I look forward to this meeting because it showcases all the exciting activities that PSF has conducted during the past year. Our activities are basically divided into three parts: Science Education, Meteorite Research and Regional History. In Science Education our StarLab portable planetarium, JETS Observatory and Apple River Fort astronomical observing sessions are very popular and continue to serve as a valuable resource for local teachers. This past year our Meteorite Research program was extremely active. Our research team classified over 125 new meteorites and presented scientific papers at two international meetings. Included within this total was a lunar meteorite and one from Mars. As far as Regional History goes, the Banwarth House programs covered a variety of topics and attracted people from near and far. Our staff is pleased to report numerous compliments on their guided tours and about the welcoming feeling that our visitors get from the house. Also, thanks to last year's Annual Fund Campaign, we were able to begin restoration work on the veranda that was needed to insure the safety of our visitors.

In our annual review, I was proud to report that your Planetary Studies Foundation is financially "in the black" by "living within its means" despite a significant drop in anticipated contributions. Thanks to our reserve accounts and prudent spending we were able to maintain the quantity and quality of all our programs. It takes a great deal of time and energy to develop and present our weekly and seasonal programs. None of this could be possible without the hard work and dedication of our staff and regular volunteers. A special thanks goes out to those members who come from a great distance to give a program or just to participate in our weekly activities. It was also my pleasure to announce the acceptance of a PSF Honorary Life Membership by Apollo 8 astronaut **William A. Anders**. In the 25 year history of the PSF, now 32 individuals have received this honor. Included on this list is Bill's Apollo 8 crew member **Jim Lovell**. Together, along with **Frank Borman**, they achieved the honor of being the first men to reach the Moon in December, 1968. History will long remember their Christmas Eve telecast as they orbited the Moon and the dramatic photos of Earth as it rose above the lunar horizon. Welcome to the PSF Family Bill!

During the meeting's open session, the election results for this year's class of Directors was announced and my congratulations go out to **Jess Farlow**, **Dave Lauerman** and **Jennifer Schwartz**. Following a short break, the Board of Directors met in closed session and re-elected **Paul P. Sipierya** as President, **David M. Lauerman** as Vice President, **Andrea M. Cosentino** as Executive Secretary and **Kathie Farlow** as Treasurer. The entire PSF family truly appreciates the continued efforts and talents of these devoted individuals. Other voting issues before the Board included plans for an expansion of the JETS Observatory in Freeport, the possibility of opening a museum facility on main street in Elizabeth, and the approval of the 2014 budget. After considerable discussion and review of our financial position the Board approved the 2014 Budget, and in principle, the JETS Observatory expansion project and an Elizabeth science museum. The Board is currently gathering additional information on the cost of and funding sources for the two projects before giving final approval. After 25 years of continued growth in our programs and services, it is clear that PSF will remain a forward-looking organization well into the future. PSF's biggest challenge still remains finding the funding sources necessary to keep our programs current and available for local educational institutions and the public at large. PSF needs your support and please remember us by contributing to the Annual Fund Campaign this coming November.



Paul P. Sipierya

DONOR'S SPOTLIGHT

\$500 - \$1000

Anonymous
David M. Lauerman
Paul & Diane Sipiera

\$5 - \$50

Leo & Karen Baran
John Bieveans
Mike Dittmar
Paula Marszalek
Frank Skorupa
Pat & Jim Tierney

MEMBER'S CORNER

RENEWING MEMBERS

FAMILY

Ron & Mary Damasco
Karen Lee Cazolas & Sheila Magnus
Phil, Suzanne & Rachel Gabel
Jeff, Judith & Philip Glenn

INDIVIDUAL

Anne Swan Johnson
Karen Sabatini
Chris Zirtzman

CONTINUED FROM PREVIOUS PAGE

MEMBER'S CORNER

NEW MEMBERS

HONORARY LIFE

William A. Anders

CONTRIBUTING

Carine Demoulin
Cosmic Rocks (Belgium)
Matthew Carroll
Irish Hallow (Galena, IL)

SPONSORING

Alexandre Debieenne (Belgium)

FAMILY

Michael & Ashley Maynard

- **Jerry Marty** will once again return to the South Pole this coming 2013 - 2014 season. Stay warm Jerry!
- Best Wishes for a speedy recovery to **Geri Dod**, **Dave Lauerman** and **Andrea Reed** from their recent medical procedures.
- Our sincere condolences to **Betty Hull** on the passing of her husband **Frederik Pohl**.
- PSF Member **Bob Renguso** has informed us that his oldest son **Brad** received his pilot license this summer and has been having a great time flying for fun. Brad returned to Western Michigan University for his sophomore year in aviation maintenance. **Jake** (16) will graduate High School this December and is starting a cross over criminal justice program at the community college. He would like to be a police or border patrol officer. He has interned at the Crystal Lake Police Department and plans on attending UIC this next coming summer.

HONORARY LIFE MEMBERS

Karl G. Henize – 1991
Alan L. Bean – 1992
Hugh Downs – 1992
Harrison H. Schmitt – 1992
Georgi Grechko – 1993
Byron K. Lichtenberg – 1993
Majel Barrett Roddenberry – 1995
Andre Bormanis – 1996
Violetta J. DuPont – 1996
Samuel T. Durrance – 1997
Owen K. Garriott – 1998

Charles M. Duke – 1999
William A. Cassidy – 1999
Loren W. Acton - 2000
James A. Lovell – 2000
Jerry G. Marty – 2001
Michael Caplan - 2002
Walter Cunningham – 2002
Spike O'Dell – 2002
Richard B. Hoover – 2003
Edgar D. Mitchell – 2003
Frederik Pohl – 2003

M. Scott Carpenter – 2004
William J. Gruber – 2004
J. N. Pritzker – 2004
Alfred M. Worden – 2005
Audrey & Albert Ratner – 2006
Jack Lousma – 2006
Jerry Mathers – 2008
Tony Dow – 2008
William A. Anders - 2013

GOODBYE TO A SPECIAL AND TALENTED HONORARY LIFE MEMBER— FREDERIK POHL

Long time
PSF member
and science
fiction writer,



Frederik Pohl, passed away on September 2, 2013. Many of our members remember him at our annual PSF dinners in the suburbs of Chicago. He was always helpful in donating his autographed books for our live auctions.

Frederik George Pohl, Jr., born November 26, 1919, was an American science fiction writer, editor and fan, with a career spanning over seventy-five years. From about 1959 until 1969, Pohl edited *Galaxy* and its sister magazine *If*; the latter won three successive annual Hugo Awards as the year's best professional magazine. His 1977 novel *Gateway* won four "Year's Best Novel" awards. He won the Campbell Memorial Award again for the 1984 collection of novellas *Years of the City*. For his 1979 novel *Jem*, Pohl won a U.S. National Book Award in the one-year category Science Fiction. It was a finalist for three other years' best novel awards. He won four Hugo and three Nebula Awards.

The Science Fiction Writers of America named Pohl its 12th recipient of the Damon Knight Memorial Grand Master Award in 1993 and he was inducted by the Science Fiction and Fantasy Hall of Fame in 1998. Pohl also won the

Hugo Award for Best Fan Writer in 2010, for his blog, "The Way the Future Blogs".

We would also like to extend our deepest sympathy to his wife Dr. Elizabeth Hull, who worked at Harper College with PSF president Paul Sipiera. We will miss him deeply.

WARM WELCOME TO HONORARY LIFE MEMBER— BILL ANDERS

William "Bill" Anders is a former U.S. Air Force officer, retired Major General in the USAF Reserve, NASA astronaut and businessman. Along with Apollo 8 crewmates, Frank Borman and Jim Lovell, Mr. Anders is one of the first three persons to have left Earth's orbit and traveled to the Moon (of only 24 people to date).



In 1963, Mr. Anders was selected by NASA in the third group of astronauts, he was involved in the work areas of dosimetry, radiation effects and environmental controls. He was the lunar module pilot for the Apollo 8 mission, the first manned lunar orbit mission, in 1968. He became well known for a celebrated photography of "Earthrise". One of his famous quotes was "We came all this way to explore the Moon and the most important thing is that we discovered the Earth".

From 1969 to 1973, Mr. Anders served as executive secretary for

the National Aeronautics and Space Council, which was responsible to the President, Vice President and Cabinet-level members of the Council for developing policy options concerning research, development, operations and planning of aeronautical and space systems.

Throughout the rest of robust career in the space and aeronautics field, he held the following positions; a member of the Atomic Energy Commission, U.S. chairman of the joint U.S./USSR technology exchange program for fission and fusion power, chairman of the Nuclear Regulatory Commission, vice president and general manager of General Electric, executive vice president of Textron, chairman and chief executive officer of General Dynamics, consultant to the U.S. Office of Science and Technology Policy and member of the Defense Science Board and the NASA Advisory Council.

In addition to the hard work he put forth in his career, he established the William A. Anders Foundation, a philanthropic organization dedicated to supporting educational and environmental issues. But one of his greatest accomplishments to date, Mr. Anders has been married to his wife, Valerie, for over 55 years. Together they have four sons and two daughters. ♦

INTERVIEW SPOTLIGHT KATHLEEN SALMON KELLEHER GREAT GRANDDAUGHTER TO KARL BANWARTH



HOW ARE YOU RELATED TO KARL BANWARTH?

Karl Banwarth was my great grandfather. His son Charles W. was my grandfather and father of Calista, my mother. Growing up I heard him referred to as Charles F.

CAN YOU PROVIDE US WITH SOME BACKGROUND OF YOUR FAMILY LIFE GROWING UP?

My mother Calista Banwarth married Thomas Gordon Salmon, only child of Thomas and Delia Salmon of Trenton, New Jersey and South Glastonbury, Connecticut. My parents were married May 18, 1944 in West Palm Beach, Florida. My father was in the Army at the time. After they were married, my mother returned to her work at Yale School of Nursing, in New Haven, Connecticut and my father completed his time in the service.

Somehow they ended up living on Long Island and had their first child (after several miscarriages) a daughter, Claire Marie (named after Clare Stephan, her mother's sister) who died shortly after birth, a tragic accident involving a 'candy striper' (volunteer). A year later my brother Paul Gregory was born March 13, 1948 (Clare's birthday) on Long Island. They moved to NYC and I was born in Manhattan on October 3, 1949 and my younger brother Charles (named after Grandpa Banwarth) was born on March 18, 1955 in Middletown, Connecticut when my mother was 46. We were all raised in Connecticut.

HAVE YOU EVER BEEN TO ELIZABETH, ILLINOIS WHERE THE BANWARTH HOUSE IS LOCATED?

We drove out from Connecticut and spent a month every summer in Elizabeth and the surrounding towns. We visited my mother's family for nearly 20 years.

WHAT FOND MEMORIES CAN YOU SHARE WITH US WHEN YOU VISITED ELIZABETH AS A LITTLE GIRL?

I have many fond memories, where do I start? Fourth of July parades: My brother Paul and I sat on the curb watching the parade go by. Grandpa Banwarth told us to join the fun but we were shy out-of-towners. He took our hands and walked into the passing crowd and all of a sudden we were part of the parade. Soon other people took our hands and Grandpa went back to his house and started playing an instrument in the front lawn. It was so much fun to be a part of the parade and everyone was so warm and friendly.

Getting money from my mother or Grandma Banwarth to get ice cream at the grocery store across the bridge was a huge treat! Afterwards we would play in the 'fort' we built near the carriage barn, roll down the hill, or play on the swing set behind the house.

Maud Hagie's store. Maud had a store that was full of just about everything, especially shoes. It seemed to be completely disorganized, but if you wanted a size 5 black leather shoe, she would go right to the spot and get it. She was so sweet, thoughtful and kind.

Going with mother and Grandpa Banwarth to watch the blacksmith shoe the horses. I remember the loud sounds and smells. I heard that Grandpa Banwarth was the first to create a 'tavern puzzle' made out of irons. Mother was very good at figuring it out whereas I found it frustrating but fun.

Penny candy. There was a store on Main Street that had little candy bits on a paper sheet that we loved, waxed bottles of candy syrup, and candy sticks in all flavors in a

big glass jar. Lots of other penny candy that took up a whole counter; it was heaven! Everyone was so kind and generous and always gave up extra treats.

Running outside with Grandpa when we heard the sound of the train whistle. My grandparent's big kitchen was the gathering place in the Banwarth house, so when we heard the train whistle, we would make a mad dash out the back door and run to the hill to count the cars, oftentimes over 100. It was lots of fun and we couldn't wait for another train to come through town.

Burma Shave signs. I loved reading the signs as we drove out of Elizabeth to visit mother's friends who had farms nearby, the Tippitts and Gills. For some reason, I still remember them like it was yesterday :

"Passing cars when you can't see will give you a glimpse of eternity. If daisies are your favorite flowers, keep pushing up those miles per hours. Men with whiskers and big noses ought to kiss like Eskimoses. He lit a match to check the tank, that's why they call him 'Skinless Frank.'"

“Entering the Banwarth House is like going back in time. You close the door and you are transported into 1876 in all its’ simplicity and glory...”

HOW DID YOU HEAR ABOUT THE 1876 BANWARTH HOUSE & MUSEUM?

I saw it on the Internet. My mother passed away 18 years ago although it seems like yesterday. I've had a strong urge to go back to Elizabeth for years and finally decided this Mother's Day weekend would be a great time to walk where she walked and reconnect with her. I googled 'things to do in Galena/Elizabeth', and was shocked to see the Banwarth House Museum.

I saw a photo and knew it was that of my great grandparents. I threw together a box of miscellaneous photos in case we met anyone who was interested in going through them. It was a real treat to meet Diane Sipiera and others whose enthusiasm was so contagious and whose stories of my great grandparents made people I never met, come to life.

WHAT DO YOU THINK OF THE 1876 BANWARTH HOUSE & MUSEUM?

I am overwhelmed with the care, attention to detail and love that went into restoring the Banwarth house. I appreciate all the hard work and research that went into locating period furniture and attire that would make the house not only authentic, but charming, beautiful and comfortable; a home.

Entering the house is like going back in time. You close the door and you are transported into 1876 in all its' simplicity and glory; red velvet furniture, warm colored walls, formal dining room with a table set with expensive china, and beautiful hard wood floors. I thank the Planetary Studies Foundation for having the insight and means to take on this project and thank the volunteers who donate their time and talents to making this such a great success.

In particular I thank Diane for taking the time to spend with us and for the great stories she told that I had never heard before. This trip was a warm welcome home, one that I'll never forget!

NOW THAT YOU ARE AWARE OF THE MUSEUM, WHAT DO YOU PLAN ON DOING WITH THIS INFORMATION?

I have already passed this onto my friends and family in hopes that they too, will include Elizabeth and the Banwarth House in their travel plans. I look forward to returning, hopefully with my brothers and son so they, too, will have the rare opportunity to visit their great grandparents and great great grandparent's house and take a step back in time.♦

A BLAST FROM THE PAST — THE PSF STARTING IN 1989...



1998 Cruise to Aruba for the solar eclipse. From left to right: Paul & Diane Sipiera, Owen & Eve Garriott and Loren & Evelyn Acton



Astronaut Byron Lichtenberg signing the wall at the PSF's former science center in Palatine, Illinois



2002 Astronaut Alan Bean (left) and Richard Persons (right)



Left to right: Diane Sipiera & Theresa Butts (above)
Kimberly Proudfoot & Andrea Cosentino (below)





Actress Majel Barrett-Roddenberry (middle) and Bill Coates (right)



PSF fundraising dinner
Master of Ceremony and
ABC Channel 7 News
Weatherman, Mike Caplan
(left)



Astronaut Owen Garriott
signing autographs at the
PSF's fundraising dinner.
(right)

From left to right: Meagan Havlik, Caroline Sipiera, Paula Sipiera, Daniel Dod, Bruce Dod, Alan Bean and Larry Knight



CALENDAR OF EVENTS

LECTURE SERIES & WORKSHOPS

SPACE COVER STAMP COLLECTING

SATURDAY, OCTOBER 5TH
1:00—2:00PM

Leo Baran will review the concept of “topicals” by sharing specific information on the collecting of space-related philatelic items – typically referred to as “space covers.” Learn what can be collected and how to “enhance” what you might already own. Leo will also share how the hobby can be both fun and educational, as he introduces everyone to the various organizations and publications that can help with those just starting out stamp collecting. Attend and have a chance at winning several space cover door prizes!

STARGAZING AT THE APPLE RIVER FORT

SATURDAY, OCTOBER 12TH
BEGINS AT SUNSET

The Apple River Fort State Historic Site and the Planetary Studies Foundation will conclude their stargazing and public viewing at sunset. If you are an outdoor lover or just want to spend some quality time with your family and friends, don't miss this special event on Saturday, October 12th at approximately 6:15pm. This is an outdoor event so please dress appropriately and bring lawn chairs or a blanket for your comfort. Stargazing will be cancelled if there is heavy cloud cover, rain etc.

WORKSHOP: WOOLEN SOAP SCRUBBY

SATURDAY, OCTOBER 19TH
10:00AM—2:00PM

Visit the 1876 Banwarth House & Museum on Saturday, October 19th anytime between 10:00am and 2:30pm for an opportunity to make a woolen soap scrubby. This crafty soap cover will make it easier to handle slippery soap bars and also help your soap last longer. The cost for this activity will be an \$8.00 donation per person and **\$5.00 for PSF members**. The wool and bar soap will be provided. If you would rather not make your own, woolen soap scrubbies will be available for purchase at \$8.00 apiece.

A HAUNTING AT THE BANWARTH HOUSE?

SATURDAY, OCTOBER 26TH
1:00PM

Just in time for Halloween! The 1876 Banwarth House & Museum was the home of Karl Banwarth, owner of several businesses in Elizabeth IL, in particular, the Banwarth Funeral Home. There he and his son Charlie were morticians. Family members stated that coffins were housed in the basement, but most recently information has surfaced regarding deceased, embalmed bodies being housed in the root cellar during winter, waiting for the spring thaw to come to be buried. On Saturday, October 26th Diane Sipiera will guide you through the Banwarth House, bringing the family home into a different perspective with haunting tales. This ghostly program will begin promptly at 1:00pm at the Banwarth House.

If you have any questions or would like to reserve a seat for any of these upcoming events:

Please call PSF at [\(815\) 858-2014](tel:8158582014) or email the Banwarth House at info@banwarthmuseum.com.

Find us on Facebook and check out our website www.banwarthmuseum.com.



CHECK OUT THE JETS OBSERVATORY

First and third Saturdays
through October

2892 W. Stephenson Street
Freeport, Illinois

SUMMERTIME AT THE 1876 BANWARTH HOUSE & MUSEUM

The summer lecture series brought in a variety of topics, guest speakers and visitors to the 1876 Banwarth House & Museum. PSF would like to thank the many gracious and knowledgeable presenters who volunteered their time. They make a difference in our programming.

Dr. Wanona Wellspring Ceisel, of Palatine and Lena IL, presented throughout the summer. Her topics included Aromatherapy, Reflexology and Meditation. Her talks were well received. Wanona's soft spoken approach and willingness to share holistic/alternative medicines captivated the audience. To find out more about Wanona, visit her website at www.wellspringfamily.org or Spring Creek Farm & Holistic Center on Facebook.

Leo Baran, who has been a PSF member for over 23 years, donated his time to present 'Foundry in a Box.' This unique topic brought in numerous individuals who had either worked in the casting industry or were simply intrigued. Participants had the opportunity to make various molds, pour melted metal and see how casting was done. Leo's sense of humor made a hot afternoon well worth it to learn more about the foundry business.

Allen Reed, Headmaster of Gallowglass Academy in Leaf River IL, demonstrated the art of fencing and shared the history of swordplay. The back patio of the Banwarth House virtually gleamed with the amount of weaponry Allen brought to share. Visitors learned the history behind broad swords, foils, shields and more. Allen's knowledge of historical combat and weapons was greatly appreciated by audience members of all ages.

John Pokornik, of Massbach IL, led a hands-on wooden pen making class. Participants learned to properly use a lathe to shape blocks of wood into personalized writing utensils. This intricate art form gave individuals an opportunity to make a one of a kind pen. John's guidance and patience in the extremely warm weather had everyone pleased with their new skill.

Dr. Wanona
Wellspring
Ceisel—
Aromatherapy
Reflexology &
Meditation



Leo Baran—
Foundry in a
Box



Allen Reed—
History of
Swordplay



John
Pokornik—
Workshop:
How to Make
a Wooden
Pen



MEMBERSHIP FORM

Regular Membership ___ \$ 20.00 1 year or ___ \$ 35.00 for 2 years
 Family Membership ___ \$ 35.00 1 year or ___ \$ 60.00 for 2 years
 Sponsoring Membership ___ \$ 50.00 1 year or ___ \$ 90.00 for 2 years
 Contributing Membership ___ \$ 100.00 1 year or ___ \$180.00 for 2 years
 Student Membership ___ \$ 10.00 1 year
 Life Membership ___ \$ 500.00
 Please accept this donation ___ \$ _____

Name: _____
 Address: _____
 City: _____
 State: _____ Zip Code: _____
 Email: _____
 Phone: _____

Please make checks payable to
Planetary Studies Foundation

Please mail the membership form
along with a check to the
address below.

Thank you for your support!

Our mission is to promote the study of planetary science and astronomy with emphasis on meteorites; and to sponsor, encourage, and assist in the physical, astronomical, earth, environmental and cultural sciences so as to broaden our knowledge of all phases of the universe.

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PLANETARY STUDIES FOUNDATION CONNECT WITH US ONLINE

WEBSITE: www.planets.org

FACEBOOK: Planetary Studies Foundation

TWITTER: @PSF1989

WEBSITE: www.banwarthmuseum.com

FACEBOOK: 1876 Banwarth House & Museum

TWITTER: @PSF1989