Commission for Dr. Carolyn Porco.  
Simon Kregar

The Voyager One, gouache, 1981.  
David A. Hardy  Published by the Planetary Society

Saturn From Titan 2, digital.  
Dirk Terrell

Saturn Backlit.  
Douglas Castleman

Saturn.  
Deneb Arici

Dawn on Titan, acrylic.  
Mark Pestana
From the Editor

Greetings!

In February, I was able to attend my second IAAA Workshop since joining in 1999 at the Biosphere in Oracle, Arizona (my first was in 2008 at the Capital Reef/Bryce Canyon Workshop). As was the prior one, this workshop was amazing! Each day I would wake up with a spectacular sunrise overlooking the Biosphere and be so excited to find out what the day had in store for all of us.

One day I would be listening to crickets and drawing in the savannah and the next squishing a cockroach with my thumb on a release button going through a door to the kitchen where the historic original team had all their meals. Another day I would be quietly sketching in the desert with my fellow artists and later exploring a marshland. I would never have imagined that I would be climbing a mountain in a rainforest or swimming in an ocean with Jon Ramer, our president, and feeling totally alive! Or sharing a jeweled night time sky looking through telescopes with everyone, marveling at the four moons of Jupiter.

(continued on p.4, because I’m a little wordy on this one)

Erika McGinnis, Pulsar Editor, Pulsar-editor@iaaa.org

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It was all such an incredible experience; even the part when a coyote bit my arm one night could not bring me down! A trip to the ER the next morning started me on the rabies shots series and I was good to go. (I do have to point out to avoid this part of the experience because those shots, while not quite as terrible as you may have heard, are extremely expensive.)

We had full access to the facilities to wander, paint, sketch and just be in awe after a safety briefing and tour. There was an overwhelming amount of information to learn from not only at Biosphere and through their very kind staff, who so patiently answered all of our questions, but also from our own members who gave presentations each night. Topics ranging from Rick Sternbach’s World Building and his work on Star Trek and Cosmos, Starship Building by Aldo Spadoni, The Science of Global Climate Modeling by Dr. William Hartmann and an astrophotography class taught by Adam Block kept me taking notes and giving me a wealth of resources and ideas with which to paint from. Not only that, but being able to meet other members in person and really get to know them, share techniques while creating artwork together, workshops are a truly inspiring part of being a member of the IAAA.

Erika McGinnis, Editor of Pulsar, IAAA

Kudos!

- **Christopher Doll** and **Nick Stevens** for getting our beautiful new website and list serve up and running!
- **Dan Durda** is now our new Director of Fellows.
- **Nick Stevens** and **Bjorn Johnson’s** work will be on the cover of Sky and Telescope calendar. You can see some of the images used for this here [http://www.starbase1.co.uk/pages/Galleries2/Astronomical%20Art/Planets/Saturn/slides/saturn-under_rings2.html](http://www.starbase1.co.uk/pages/Galleries2/Astronomical%20Art/Planets/Saturn/slides/saturn-under_rings2.html) and here [http://bjj.mmedia.is/satsys_rend/satsys_rend.html](http://bjj.mmedia.is/satsys_rend/satsys_rend.html).
- **Michael Carroll** has a new book published called "Picture This: Grasping the Dimensions of Time and Space". You can purchase this on Amazon.
Welcome New Members!

Eileen McKeon Butt

Eileen McKeon Butt is an Austin, TX-based contemporary artist whose diverse styles of artwork range from dynamic science images to expressive abstract painting, as well as realistic portraiture. Depicting the inner character and energy of her subjects is what motivates her - whether the subject is a still life, a portrait, or scientific phenomena. She is an international citizen who is inspired by people and places from all over the world, and is equally at home in the West or the East. She is an award-winning science artist, whose work has been featured at Art Science Gallery in Austin, TX. She has studied art at Moore College of Art in Philadelphia, PA, the Austin Museum of Art School, and Art + Academy in Austin, TX, where she has also been a teacher. She has been a member of the Creative Arts Society since 2009, and a member of the Austin Visual Arts Association since 2014. Her website is: http://eileenmckeonbutt.com/home.html.

Nicole Stott

Nicole is a veteran astronaut with two spaceflights and 104 days living and working in space on both the Space Shuttle and the International Space Station (ISS). She is also a NASA Aquanaut and holds the Women’s World Record for saturation diving following her 18-day mission with the NEEMO9 crew on the Aquarius undersea habitat. Always an artist, Nicole brought a small watercolor kit with her on her mission to the ISS. She is the first NASA astronaut to paint in space. Nicole is also the first astronaut of the Shuttle/ISS program and since Alan Bean of Apollo/Skylab to transition from Astronaut to Artist. After 28 years with NASA, she has begun her next adventure as a full-time Artist and SciArt Education Advocate. Through her artwork, she uniquely shares the awesome beauty she was blessed to experience through the windows of her spacecraft, and will continue to promote the amazing things we’re doing every day in space that benefit us all right here on Earth. www.theatisticastronaut.com

Michael d’Albertis

"[My art] experience [is with] pencil and watercolor; however, my favorite medium is ink stippling and pointillism. I concentrated on developing and producing ink stippling art pieces from the 1980s through the 1990s, receiving advice and encouragement from artists Kim Poor and Robert McCall. I have produced three additional pointillist pieces since 2015, two of which are presented here.

My areas of concentration are spacecraft, space hardware, and planetary scenes. The media of stippling and pointillism lends itself strongly to producing immense detail to these subjects. My interest in astronomical and space art was a major factor in my studies of astronomy, aeronautics, astronautics, and other related disciplines. The artwork enables me to see and appreciate the “wonders of the universe”, even at my present age. Incorporating my artwork into presentations, courses, and exhibits produced a positive promotion of space exploration to students as well as to the general public.

Other new members (profiles coming in future Pulsars)

James Keane      Matthew Strickler      Reid Silvem      Dinah Jasensky      Theresa Hentz      Adam Block
Miwa Block      Mark Prusten      Earl Billick      Jim Scotti (a former member who is back!)      Yin Chih Tsai      Deborah Sigel
Bettina Forget featured in The Globe and Mail

“Artist draws moon’s craters named after women to illustrate inequality”

Our own Bettina Forget had a featured article on her remarkable labor of love focusing on the 27 moon craters named after women. The images were displayed in a show at the Saint Catherine Street Gallery. To read the entire article, which I highly recommend, visit here at http://www.theglobeandmail.com/news/national/artist-draws-moons-craters-named-after-women-to-illustrate-inequality/article291. Excerpts are written by Bettina Forget.

Here are a few selected from the project.

Nöther crater: A German-Jewish mathematician, considered the most important woman in the history of mathematics, Emmy Nöther (1882-1935) made key contributions to abstract algebra. Her work has proved essential for the development of fundamental physics and it continues to be applied in the 21st century.

Earhart crater: Provisionally named after American aviator Amelia Earhart, who disappeared in 1937 while attempting a flight over the Pacific Ocean, this large but partially buried crater was recently discovered by scientists working with NASA’s GRAIL mission, a pair of orbiting satellites that detected the crater’s

Cori crater: Gerty Theresa Radnitz Cori (1896-1957) was a Czech-American biochemist and the first woman to win the Nobel prize in physiology or medicine for discovering a key metabolic pathway that allows the body to use and store energy.

McAuliffe crater: Named after Sharon Christa McAuliffe (1948-1986), schoolteacher and astronaut whose first flight ended in tragedy when the space shuttle Challenger was destroyed in an explosion seconds after launch in January 1986.

Resnik crater: Named for Judith Arlene Resnik (1949-1986), an American engineer and astronaut who was one of the crewmembers killed in the Challenger space shuttle disaster of January 1986.

Cannon crater: Named for Annie Jump Cannon (1863-1941) who worked at Harvard College Observatory and classified more stars than anyone in history (about half a million). Her system of stellar classification is still used today.

Lonnie Buinis shared a very touching surprise of his with us on the list serve when he received this dedication from his astronomy club for their new observatory in New Jersey.
IAAA Art Show at Space Tech Expo 2016

The IAAA Art of Space show at Space Tech Expo happened this past week, May 24 – 26 at the Pasadena Convention Center. Space Tech Expo is a business-to-business conference mostly focused on space related technology, engineering, and manufacturing. I believe this was the first time that Space Tech Expo included an art show.

This art show opportunity was identified and organized by Simon Kregar. Since this was a new untried event for the IAAA, it was decided to limit the size of the show and invite a limited number of artists to participate. The show was set up and manned by Simon, Mark Pestana, Rick Sternbach, and myself. Other participating IAAA artists who were not present included Earl Billick, Don Davis, Don Dixon, Marilynn Flynn, and Michelle Rouch. We also included art work by invited guest artists Dr. Jamie Molaro of JPL and Astronaut Ron Garan.

I’d say it went very well overall and was well received by the attendees and the show organizers. We had a pretty good location in the hallway outside the exhibit halls at the Pasadena Convention Center, though we had to move the entire art show exhibit on the last day to take advantage of the expected change in foot traffic flow on that day. The total size of our display was not huge so the four of us moved it without too much trouble.

We had modest sales, mostly prints in the $20 to $80 range. We held a small silent auction for three selected prints, which generated some additional interest. There wasn’t a great deal of bidding but all three sold. People did take quite a few of our business cards and photographed the art info cards. We’ll see if anything comes out of that in the longer term. We did recruit a few potential IAAA members and we’ll see if they follow up and join. We had quite a few interesting visitors to our art display, including the son of famous American illustrator Ed Valigursky. We ran into many friends and colleagues, especially Rick and Mark, who appear to know everyone! IAAA member Dana Berry stopped by on the last day.

Networking was the most successful aspect of this event. We were able to do a great deal of networking with JPL, The Planetary Society, The AIAA, The Society of Illustrators of Los Angeles, various NASA, aerospace, and entertainment industry personnel, Space Games Federation, and more. Rick was personally invited for a brief visit to the Planetary Society’s new headquarters by Mat Kaplan, Planetary Radio Host and Producer. The new TPS facility is within walking distance of the Pasadena Convention Center. Rick reports that the new facility is very nice and includes artwork on display from a number of IAAA artists. Mark is a long time member of The Society of Illustrators of Los Angeles and arranged for us to visit their gallery facility, which is located close by. This is the Pop Secret Gallery owned and operated by Scott Gandell. We spent a very pleasant and informative evening with Scott and his friend, who hosted a tour of the gallery followed by dinner at a local brewery. We also spent some time with Dr. Jamie Molaro, who is part of the JPL team investigating surface terrain processes on Europa in support of future mission planning. She’s also the person who will be running the upcoming art show at DPS in Pasadena, in which the IAAA will be participating.

The BEST part of this experience was hanging out with Simon, Rick, and Mark, swapping ideas and war stories! Simon, thanks for all of your hard work to pull this together for us. All in all, I’d say it was a great event!

Aldo Spadoni
(Article originally appeared in the IAAA list serve.)
“Biosphere 2 is a totally awesome museum where many folks have not visited. IAAA Artists were able to experience a world where no one has gone before, getting the feeling how it would be like living on other planets.”

-Michelle Rouch

The 2016 IAAA workshop was held from February 3rd to the 6th in Oracle, Arizona, at the Biosphere 2. The Biosphere 2 is an Earth systems science research facility. Its mission is to serve as a center for research, outreach, teaching, and lifelong learning about Earth, its living systems, and its place in the universe.

It remains the largest closed system created. The glass facility is elevated 4,000 feet (1,200 m) above sea level at the base of the Santa Catalina Mountains, half an hour outside Tucson.

Biosphere 2 contains representative biomes: a 1,900 square meter rain forest, an 850 square meter ocean with a coral reef, a 450 square meter mangrove wetlands, a 1,300 square meter savanna grassland, a 1,400 square meter fog desert, a 2,500 square meter agricultural system, a human habitat, and a below-ground infrastructure. Heating and cooling water circulated through independent piping systems and passive solar input through the glass space frame panels covering most of the facility, and electrical power was supplied into Biosphere 2 from an onsite natural gas energy center.

The workshop was well attended with Jon Ramer, Aldo Spadoni, Rick Sternbach, William K. Hartmann, Marilynn Flynn, Erika McGinnis, Theresa Hentz, Jim Scotti, Earl Billick, Reid and Meg Silvern, and Mark and Karen Pestana attending. The workshop was hosted and run by Michelle Rouch and Simon Kregar.
Tuesday: February 2, 2016
Arrival and Check in

The arrival day and check in to our Casitas were greeted by personalized bags of art supplies, water, energy bars, schedules and other sundry items provided by our host, Michelle Rouch. That evening we were treated to a pizza party and B-Movies in the hospitality suite!

Wednesday: February 3, 2016

We began our day with a safety briefing and walkthrough of the Biosphere 2 by Matt Adamson, the facilities director and go to guy. This meeting was necessary in order to allow us to have full access to the facility.

By the way, Matt is a fantastic guy and a huge fan of Space Art! His office was a virtual art gallery of our works over the years.

Afterward, our fearless leader Jon Ramer, accompanied by Erika McGinnis, decided to go for a dip in the Ocean. Many attempts were made by Jon while he was in the water to photograph the attending artists who were gazing out the observation windows below.

Unfortunately Jon’s camera was not cooperating. However, he did manage to take some magnificent photos of some booty he had acquired at the Gem and Mineral show which he had set against some of the corals and vegetation in the ocean!
"Climbing the rainforest mountain, secret caves, and ocean diving in the middle of the Arizona desert! Where else in the IAAA can you have this much fun?"  

-Jon Ramer

The rest of the day was spent orienting ourselves with the facility. Imagine if you will small groups of space artists running amok looking for ideal locations to paint, photograph, or just get inspired!

Thursday: February 4, 2016

As day 2 kicked off Jon started to lay out our strip mural, taking elements of the design from the buildings and biomes around us.

Rick Sternbach and Bill Hartmann were gracious enough to reinvent the world building exercise that they did many years before. We were given access to the Library Tower in the living quarters of the Biosphere 2 which sports a commanding view of the rest of the Biosphere structure and surrounding area.

Whereas we did not completely create a civilization, biology and culture, we did however have fantastically stimulating conversations of the nature of a tidally locked exoplanet. We speculated upon the effects that that type of environment would have on weather, geology and ultimately, evolution.

"The granting of an unprecedented level of access to the workshop attendees (to explore virtually all parts of the Biosphere 2) can largely be attributed to local IAAA members educational outreach efforts in partnership with the University of Arizona and Biosphere 2. This illustrates that there can be much to be gained in participating in STEAM outreach activities."  

-Earl Billick
"I bet that coyote bite hurts less than my knees after climbing the library tower. I totally agree. I enjoyed the recent workshop at Biosphere (thx Simon and Michelle!) because it was 'old school' in the sense that we stayed at the one location, had plein air opportunities for those who wanted it and had a common workroom to come back to in the evening. It sounds like Jon has planned a similar situation for the eclipse with short trips to local eye candy and that's great! (thanks, Jon!!!) I've been to Yellowstone and Craters before, but I've never seen the Castle Rocks or some other places in Idaho, so I'm looking forward to painting some new scenery. (and I might try out those Liquitex paint markers that Pat just sent the link to!!!)

-Marilynn Flynn

Others enjoyed the various environments in the other biomes, including scaling the mountain in the rainforest and discovering long lost (to the Biosphere 2 staff at least) caves in the Fog Desert that housed a secret long held by students visiting!

"As a new member of IAAA it was especially exciting to meet artists whose work I've admired for years. As a workshop, the gathering allowed for collaborative and educational sessions, as well as personal time to produce artwork. To top it off, the locale of Biosphere 2 was truly unique. Being surrounded by like-minded artists, engineers, and scientists, the environment sparked creative processes in art, AND discussions about space exploration and human expansion into the solar system. I look forward to returning to Biosphere 2."

-Mark Pestana

All were delighted that evening when Jim Scotti and Simon Kregar brought out their telescopes to take advantage of the marvelously dark desert sky. We braved the cold to gaze upon Jupiter, Saturn, various nebulas and galaxies and finally the comet Catalina.
Today we continued with Plien Air painting and working on our mural.

In the afternoon we started our classroom discussions with Rick Sternbach and Aldo Spadoni presenting - "Spaceship Design". Rick discussed "The Art of Cosmos" and Dr. Bill Hartmann talked about "Glaciers on Mars". These talks will be available on You Tube in the near future!

The evening concluded, after much libation, in a rousing and passionate discussion on the future of the IAAA between Simon, Rick, Aldo and Jon. Good times were had by all! ;-)

“It’s hard to beat the camaraderie of an IAAA workshop! I thoroughly enjoyed the company of my fellow space artists in a spectacular setting. Trans-Neptunian Study Group /Theorists. (THAR Room stood for Tin-foil Hat Activity Room.)”
-Aldo Spadoni

“Planning is everything.” -Theresa
Unfortunately, our evening was disrupted by an overly friendly coyote who just wanted a little taste of Erika! Yikes! After rabies shots, I am glad to report our Pulsar editor is just fine, and she has quite the story to tell!

“RESPECT - What I learned the hard way while out stargazing under the beautiful Catalina desert skies. This little trickster got a bite in (barely a scratch), but I am now getting a series of rabies shots for the encounter. Lessons learned: always go out with company, not alone (which I was really enjoying as I never get to wander alone in the wilderness) and don’t think that picture will be worth it. As you can see, it wasn’t. The shots hurt. It’s all fun and games until someone gets bit by a coyote.”  -Erika McGinnis

Saturday: February 6, 2016

As we finished up the mural, Earl Billick was kind enough to transport several people to the Titan Missile museum where they were given a tour of one of the only open ICBM Missile Silos in the United States.

In the afternoon we were joined by Adam Block who gave us his fantastic talk, “Sick... Is That Real? - Beauty and Astrophotography”. I encourage all members to check out this fantastic talk here: https://www.youtube.com/watch?v=gK-MT08C-Bo

In the evening we were treated to a reception dinner in the original Biosphere 2 dining room, and we were given access to the interior of the Biosphere 2 until 9pm that evening. It was a remarkable transformation with the lights turned on at night. You could easily imagine yourself off-world as you looked up past the foliage through the windows and to the stars...

“This was a magnificent time, enjoyed painting the mural and I want to come back next time.”  

-Reid Silvern

“I love workshops – we get to meet new friends and visit old friends. Even if I did no artwork, it’s fun to hang around with everyone.”  Additional comment after learning about Jon Ramer’s emergency landing, “everyone be careful on the way home.”  -Jim Scotti
“A truly different and exciting time we had inside and outside the habitat. Probably the closest we’ll get to another home on another world.”

- Rick Sternbach

Sunday: February 7, 2016

As we go our separate ways, we can’t help but feel sad.... leaving the camaraderie and other-worldly venue, but all of us richer from the experience.
“You’re right, I'm too busy. For me the week was great but partly because I was able to spend much needed creative time on some writing projects, as well as getting a 16x20 painting of snow-capped Catalina from the NW side! In addition to those giclees, which I brought to get your opinions, I had a half-suitcase of unfinished smaller paintings that I was sure I would work on. I did nearly complete one, a strange, Kandinsky-like abstract. Where I create shapes by a network of curved lines, then paint in the shapes (triangles, mostly) according to certain rules I made up about the relation of shape size to value. I've done a handful of these abstracts, and they are surprisingly time-consuming since they need careful painting along the shape boundaries. Alas, the other paintings didn't get a shred of attention from me --- given the fun of roaming the biosphere and the need to do the giant mural that Jon showed up with!

Was there any organized mutual "critique" session to share workshops works that people had done, after I left on Saturday. In addition to praising the workshop, the organization, and the Aldo/Rick talk (in my Feb 8 email) I was suggesting more time in workshop to see each other’s "produce" and get comments from fellow artists.”

-Bill Hartmann
Fallen Stars - In Memoriam

Edgar Mitchell, ScD, PhD
September 17, 1930—February 4, 2016

When he returned from space forty-five years ago, Apollo 14 Astronaut Dr. Edgar Mitchell committed his life to supporting a sustainable future. He worked tirelessly to understand and promote what he viewed as an absolutely necessary collective shift in consciousness. To those of us who knew him well, Edgar was an enthusiastic, loving, dedicated, courageous, generous, and brilliant man who inspired us to be bold in our exploration of the further reaches of human potential, to fearlessly challenge inadequate paradigms, and to carry his spirit of adventure into investigating our inner lives.

Most people know Edgar Mitchell best as an Apollo 14 astronaut and sixth person to walk on the moon. A US Navy Captain, MIT-trained aeronautics engineer, recipient of the Presidential Medal of Freedom, the NASA distinguished service award, and 2005 nominee for the Nobel Peace Prize among many other honors, Edgar Mitchell was a hero in the truest sense of the word.

What fewer people know is that Edgar’s spirit of exploration extended well beyond space travel to his lifelong dedication to increasing our scientific understanding of the nature of consciousness.

Space exploration symbolized for Mitchell what it did for his nation—a technological triumph of historic proportions, an unprecedented demonstration of scientific achievement, and extraordinary potential for new discoveries. What Mitchell did not anticipate was a return trip that triggered something even more powerful. As he gazed at Earth floating in the vastness of space and contemplated the history and hopes of humankind on that lonely blue sphere, he was engulfed by a profound sense of universal connectedness.

“I realized that the story of ourselves as told by science—our cosmology, our religion—was incomplete and likely flawed. I recognized that the Newtonian idea of separate, independent, discreet things in the universe wasn’t a fully accurate description. What was needed was a new story of who we are and what we are capable of becoming.”

That moment was an epiphany for Mitchell. As an accomplished scientist and engineer, he had grown accustomed to directing his attention to the objective world “out there.” But the experience that came to him while hurtling through space was profound.

-excerpt from the Institute of Noetic Sciences In Memoriam, by Cassandra Vieten
http://noetic.org/blog/cassandra-vieten/memoriam-edgar-mitchell-scd
Several months before the last Spacefest Kim approached me to do a digital ‘reboot’ of his famous “Sword of Herschel”. My composition is just slightly different, to allow some space for title and text for Spacefest, but it was a fun challenge to try to capture even a little of the spark of Kim’s beautiful original piece.

Dan Durda

Solar System—The Museum of Flight in Seattle invited me to create an original space art mural for their new space exhibit. The completed mural is now featured prominently in the planetary exploration section of the Museum’s space exhibit which opened to the public on June 10, 2007.

Dave Ginsberg

Saturn - That’s Mimas in front of the rings, in correct proportion to Saturn itself, which is the way it would appear in a 40º field of view. Got advice on geyser textures from Carolyn Porco and John Spencer.

Michael Carroll
Saturn’s Rings, digital, but believe it or not the rings were hand-drawn (airbrush) originally for a different piece. . .

David A. Hardy

Expedition to Enceladus, acrylics on canvas board: 30” x 20”. Composition is always important in my paintings. I angled Saturn’s rings so that they are pointing towards the crouching astronaut, who in turn is pointing at something near an icy extrusion. I painted the snaking fault to lead the eye again to this figure, with another astronaut alongside, leaping with joy. Meanwhile, one of the foreground astronauts is recording the momentous moment while the other, busy drilling an ice core, is completely oblivious to the drama due to faulty communication systems. This is symbolic, as this astronaut represents me and the fact that I’m deaf. Although I work hard, I often feel “left out” in the real, hearing world and I miss out an awful lot. But like this astronaut, I am happy exploring new worlds in my case through art.

Richard Bizley

Rhea Vert, digital, Steven Hobbs

Saturn, 6” x 6”, charcoal on paper with a mysterious green effect from taking the photo with my cell phone. I liked it, so I left it as is.

Erika McGinnis
"Homage to Bonestell" is a 5" by 4" [20 sq in] acrylic painting on primed gesso canvas board. It was created for the purpose of testing the impact artists might experience traveling to and from IAAA workshops within their luggage. There were eight identical mini "Bonestell" paintings. Needless to say, all duplicates survived the ordeal without color fading, scratching, sticking together or thermal heat reactions. All but one, which I kept, later became gifts during the IAAA Grand Canyon Workshop in 2011. Two of the "Bonestell" mini's went to Vincent Poutrain, a filmmaker from France, and his camera operator, Jean-Manuel Costa, who had expressed their interest in filming our group in action during the workshop. Vincent was into the story of one our IAAA patron saints, Lucien Rudaux, and by extension interested in the emergence of art based on space-related themes!

Kara Szathmary

Saturn from Rhea—This view of the gas giant Saturn is from its icy moon Rhea, which orbits at a mean distance of 527,040 kilometers. The image was produced with the help of Terragen, Lightwave, and Starry Night Pro for the various landscape and background elements. Rick Sternbach

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Titan Flash Flood Falls Marilynn Flynn
A note from our President

Hi Gang,

Wow! Wow then and wow to come! The first wow is for the fantastic time we had at the Biosphere2 workshop, which is the focus for this issue. All sorts of great stories, great art, great photography, and great fun for everyone, unless you have issues with coyotes that is. (Right Erika?) The next wow is for the new Board of Trustees who stepped up in July to lead our organization for the next two years. We have some great new members willing to bite off more than a non-canine person can chew and have brought a wonderful "git 'er done" vibe to the Board room. We've already done a major update to the by-laws and have several projects in discussion, including a review of our Lunar radiation protocols, just in case we have any "lunar related" incidents at the next workshop. Speaking of which... yes, it is on and howling down the calendar fast! The next wow is for our upcoming workshop on 19-25 Aug 2017 in Idaho, mere minutes from the center line of maximum totality of the Total Solar Eclipse of 21 August. We've already got 23 confirmed human attendees, though rumor has is that one of them may not be completely human anymore.... Want to attend and watch what happens to that "person" when the Sun goes out? Wooooooowwww! Ooooooow! Ow! OW!! Down ERIKA! DOWN! Bad girl! Bad! No scratching!! OW! ;-) Much more info to follow in the coming months! See you in the Shadow of the Moon!

Jon

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