Let’s Celebrate our Colleagues!

By now, you might have heard about the new class of AGU Fellows, as well as the other honors bestowed upon members—and I’m delighted to say that we can count among them some of our Planetary Sciences colleagues!

First, huge congratulations to David Catling and Victoria Meadows, both at the University of Washington, for their election to the 2023 Class of Fellows! David’s nomination came from Planetary Sciences, and Victoria’s was led by Biogeosciences and supported by Planetary Sciences.

I’m also excited to share with you our PS Section Award winners:

• Shauna Morrison (Carnegie Institution for Science) is the Ronald Greeley Early Career Award winner
• Barbara Sherwood Lollar (University of Toronto) will give the Carl Sagan Lecture
• Dante Lauretta (University of Arizona) will give the Eugene Shoemaker Lecture
• Thomas Prettyman (Planetary Science Institute) is the Fred Whipple Award and Lecture winner

Thank you to everyone for submitting nominations (and to our Nominations and Canvassing Committees for their work). If your nominee wasn’t successful this year, please consider nominating them again for the next award cycle.

On that note, next year Planetary Sciences will have a more standardized procedure for soliciting and evaluating nominations for all of our Section awards.

In the meantime, please join me in congratulating again our new Planetary Sciences Fellows and Award winners!
And as always, if you have questions, concerns or comments, don’t hesitate to reach out at paul.byrne@wustl.edu. And if you have any deadlines, events or announcements you would like to share, please email Sarah Hörst.

Paul

Paul Byrne, President
Wendy Calvin, President-Elect
Sarah Hörst, Secretary
Emma Dahl, Early Career representative
An Li, Student representative
Michael Mischna, Past President

(1) MS/PhD positions for Fall 2024 in Planetary Science, Exoplanets and Astrobiology

I am community sourcing a list of people who are actively in search of MS/PhD students in planetary science/astrobiology/exoplanets for Fall 2024. If you are such a person, please fill out the following Google form.

Prospective graduate students, please find the resulting list here.

Questions: Please email Sarah Hörst.

(2) Planetary Exploration Newsletter Invitation

Dear Colleagues,

You are invited to subscribe to and participate in the Planetary Exploration Newsletter (PEN), now in its seventeenth year. PEN is a free weekly electronic newsletter, provided as a service by the Planetary Science Institute, for planetary scientists around the world to communicate with each other. The editors are volunteers.

PEN contains meeting announcements, job announcements, and your submissions of news regarding or impacting solar system exploration, upcoming mission events, awards, policy issues, as well as editorials, commentary and memorials and planetary-related commercial announcements. PEN also includes announcements of PDS data releases, ROSES programs and special messages to the planetary community from NASA leadership.

The PEN Meeting Calendar strives to be the most exhaustive listing of planetary-related meetings, conferences and workshops around the world. Send the title, dates, location and URL to pen_editor@psi.edu.
Go to [http://planetarynews.org](http://planetarynews.org) to subscribe to future mailings, read current and past newsletters and see guidelines for submitting content. There is no charge.

PEN was interrupted by a massive server failure of uncertain origin. Unfortunately, we lost about 25% of our subscriber list. We are now back to full operation, so if you have not received a newsletter for the last month, please go to [http://planetarynews.org](http://planetarynews.org) and re-subscribe.

Thank you!

Your PEN Editors,

Mark Sykes, Alex Morgan, Matt Perry (Planetary Science Institute)

(3) Faculty Position at Arizona State University

The School of Earth and Space Exploration (SESE) at Arizona State University (ASU) invites applications for a full-time, tenure-track faculty appointment in Planetary Science. This is an open-rank search for an Assistant Professor, Associate Professor, or Professor in any area of Planetary Science. We seek an innovative scholar who is an emerging or established leader in the future of planetary exploration, and who is dedicated to the ideals of the ASU Charter. We are especially interested in applicants who can complement or extend SESE’s existing strengths in Earth and space science research and education. The anticipated start date is August 2024. For full position details and how to apply, [please go here](http://planetarynews.org).

Initial deadline for receipt of complete applications is 19 October; Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is closed.

(4) The Fourth Planetary Science Informatics and Data Analytics Conference

The fourth Planetary Science Informatics and Data Analytics (PSIDA) conference will be held 16-18 July 2024, in St. Louis, MO. Information and interest form are available here. The PSIDA conference provides a forum to discuss approaches, challenges and applications of informatics and data analytics technologies and capabilities in planetary science. Topics include data architectures, management and data technologies; scalable data processing; data-driven discovery and analytics; visualization; science applications and open science; and planetary data archiving.

For more information, contact Tom Stein.
(5) NASA Planetary Data Training Workshop Course Materials Available

NASA Planetary Data Training Workshops, focused on training to use JMARS, ArcGIS Pro, USGS ISIS3, the NASA Planetary Data System and Planetary Data Management, and Agisoft Structure-from-Motion stereo photogrammetry software, were held at Arizona State University in May and August 2023. The course materials and exercises for the August workshop are freely available here.

Additional Workshops will be held at GSA-Pittsburg in October, Cornell University in February 2024, LPSC in March 2024 and ASU in May and August of 2024. Stereo Photogrammetry Workshops focused on training for SOCET SET and Ames Stereo Pipeline will be held at the University of Arizona in September 2023 and April 2024. We are exploring doing more remote workshops in 2024. Please contact Dr. David Williams for more information.


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6. (OA) An Energetic Eruption With Associated SO 1.707 Micron Emissions at Io's Kanehekili Fluctus and a Brightening Event at Loki Patera Observed by JWST, by Imke de Pater, Emmanuel Lellouch, Darrell F. Strobel, Katherine de Kleer, Thierry Fouchet, Michael H. Wong, Bryan J. Holler, John Stansberry, Patrick M. Fry, Michael E. Brown, Dominique Bockelée-Morvan, Samantha K. Trumbo, L. N. Fletcher, Matthew M. Molter, Mark Showalter, Matthew S. Tiscareno, Stéphanie Cazaux, Ricardo Hueso, Statia Luszcz-Cook,
Henrik Melin, Chris Moeckel, Alessandro Mura, Glenn Orton, Lorenz Roth, Joachim Saur, Federico Tosi, https://doi.org/10.1029/2023JE007872


8. (OA) Near Infrared Spectral Radiance at Multiple Wavelengths From Io's Volcanoes 1: The Low Spatial Resolution Night-Time Galileo NIMS Data Set, by Ashley Gerard Davies, Glenn J. Veeder, https://doi.org/10.1029/2023JE007839


14. Layered Structures in the Upper Several Hundred Meters of the Moon Along the Chang'E-4 Rover's First 1,000-m Traverse, by Jianqing Feng, Matthew. A. Siegler, Yan Su, Chunyu Ding, Iraklis Giannakis, https://doi.org/10.1029/2022JE007714


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2. (OA) Is There a Semi-Molten Layer at the Base of the Lunar Mantle?, by Michaela Walterová, Marie Běhounková, Michael Efroimsky, https://doi.org/10.1029/2022JE007652


5. Observed Dawn and Twilight Pressure Sudden Peaks in the Global Martian Surface and Possible Relationships With Atmospheric Tides, by Chengyun Yang, Cong Sun, Zhaopeng Wu, Tao Li, https://doi.org/10.1029/2022JE007650


(8) AGU Celebrates a Year of Open Science

With the theme Wide. Open. Science., AGU23 will convene more than 25,000 attendees from over 100 countries in San Francisco and online everywhere on 11-15 December 2023. For more than 100 years, AGU has been committed to opening science, from fostering new pathways for discovery to championing DEI within the scientific community. Learn more about AGU's efforts to advance open science and follow #AGUOpenScience on Twitter, Instagram and Threads.