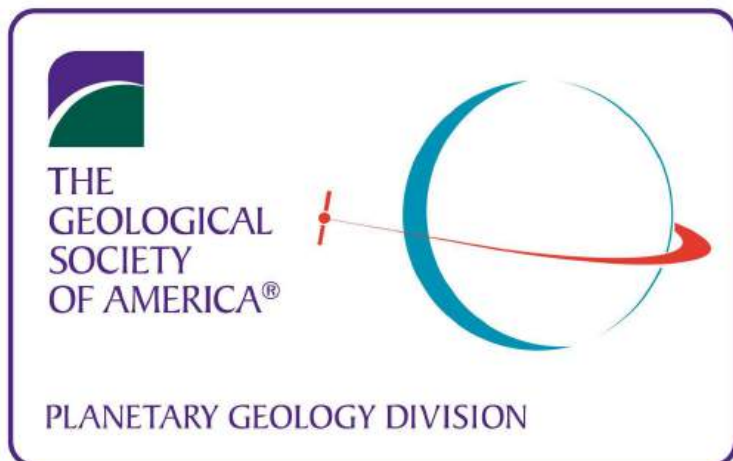




PLANETARY GEOLOGY DIVISION NEWSLETTER

The Planetary Geology Division of the Geological Society of America

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Message from the Chair:



Hello everyone,

The summer has gone by too fast, as always: hopefully you have had opportunities for time away and some time in the field.

For the PGD board, summer also means planning for the upcoming GSA Connects meeting, the end of our year-long terms, and a transition to new positions and responsibilities.

Thank you to our current board, which includes Lauren Jozwiak (1st Vice-Chair), Alex Morgan (2nd Vice-Chair), Terik Daly (Secretary/Treasurer), Sam Birch (Past Chair), and our two Student Advisory Members, Sarah Lamm and Margaret Deahn. These are the folks responsible for organizing our Division activities, including wrangling the applications and judges for the Dwornik Awards, reviewing papers for the Pellas-Ryder award (along with the Meteoritical Society), reviewing packets for the G.K. Gilbert Award, the Ronald Greeley Service Award and our student travel grants; helping to organize sessions and our booth for the GSA Connects meeting; gathering submissions and running the community vote for our PGD Logo Contest and drafting this newsletter....

If you missed the award announcements, features later in this newsletter highlight the Dwornik Award winners from the Lunar & Planetary Science Conference and the Pellas-Ryder awards for the best student publications from the last year. Congratulations to the winners: it gets harder and harder each year to make selections from the many deserving applications.

For those of you planning to attend GSA Connects 2025, look for the topical sessions endorsed by the PGD covering a variety of planetary science topics. This year we have not only our own G.K. Gilbert Award session, but also two sessions from the Mineralogical Society of America honoring the work of deserving planetary scientists. The G.K. Gilbert session honors Scott Murchie and the broad impact of his career studying planetary bodies throughout the solar system. The MSA Award sessions will highlight the work of Roebling Medalist M. Darby Dyar and Dana Medalist Elizabeth B.

Rampe. Our sessions at GSA Connect, however, will not exist without your abstract submissions! You'll find detailed session descriptions later in the newsletter: please consider submitting for one or two! **Abstracts are due August 5th** (did I already say that summer went by too fast?)

Look for our booth in the meeting exhibit hall, which is always a popular spot to meet others in the community. Please stop by to check out our Division merchandise and to grab one of the buttons and stickers featuring our 2025 logo contest winner (featured later in this newsletter). All proceeds from the booth are used to support our student travel grants and the discounted tickets for students wishing to attend the banquet and business meeting (more on the banquet on our next page!)

Interested in becoming more involved? Students should visit our webpage for more information about applying for our Student Advisory Member positions. We are also looking for professional members for our reinstated nominations committee, which is charged with nominating members to be GSA Fellows. We will need to hold elections for the soon-to-be vacant Secretary/Treasurer position this summer and are happy to accept nominations.

And as I've already gone long, thank you for reading: and thank you for your contributions to our planetary science community, however small you think they might be. With so many feeling uncertain about our own futures and the future of our science, we need the support of our community now more than ever. Looking forward to seeing folks in San Antonio!

– Jennifer Piatek, 2025 PGD Chair.

Upcoming Annual Meeting



Mark your calendars for the rapidly approaching GSA Connects 2025 annual meeting in San Antonio, Texas, 19–22 October 2025. We are thrilled that one of the meeting’s themes is **“From Earth to the Cosmos: Geoscience Beyond Our Planet.”**

Register early and save—registration rates increase after Aug. 27. Hotel blocks are open: reservation information and other details can be found at:

<https://connects.geosociety.org/travel/hotels-transportation>.

Be sure to check out all of the planetary-geology-themed aspects of this year’s meeting! From planetary geology sessions to field trips to short courses, there will be something for everyone in San Antonio!

The Planetary Geology Division Banquet & Business Meeting

Join us at Guadalajara Grill on **Tuesday, October 21st at 7:00 pm** for our annual banquet & business meeting, part of the 2025 GSA Connects. **Banquet tickets must be purchased at the time you register for the meeting** as they will not be available at

the door. Student tickets are \$40 and Professional tickets are \$75: these include a buffet-style dinner with soft drinks.

The higher cost of the professional tickets helps keep the cost of student tickets lower in order to allow the next generation of planetary scientists to engage with the GSA PGD community.



Guadalajara Grill is located 301 S. Alamo, San Antonio, TX 78205. It is a short, 7-minute walk (0.3 miles) from the convention center.

PGD Exhibition Hall Booth

Our division looks forward to continuing the tradition of hosting our booth in the Exhibition Hall where we sell planetary-related gear and have daily meteorite raffles. This year we plan to have merchandise including t-shirts, stickers, and a variety of space-themed items. You never know what we will have so you should come by early to do some holiday shopping.

Staffed by PGD officers throughout the conference, the booth constitutes our chief fundraising effort for the year and is the primary means by which our division pays for student travel awards to the annual GSA meeting. Providing exemplary students the means to present their best work at a national conference is a powerful career development tool, and we look forward to

continuing to support their endeavors. We welcome any feedback you might have about the booth.

Pardee Keynote

P4. Impact Cratering and the Evolution of Life

Organizers: Nadja Drabon and David Kring

Description: This session explores the role of impact cratering in life's evolution throughout Earth's history, from the origin of life to mass extinctions. It highlights connections between impacts, evolutionary change, and planetary processes.

Special Sessions

T176. The G.K. Gilbert Award Session: Geology of Mars, Mercury, Asteroids, and Icy Satellites in Honor of Scott Murchie

Session Advocates: Jennifer L. Piatek, Lauren M. Jozwiak, Alexander Michael Morgan, R. Terik Daly, Margaret Deahn, Sarah Lamm, Sam Birch

Description: This session honors our 2025 Gilbert awardee Dr. Scott Murchie and highlights the broad impact of the fields of research with which he has been involved, focusing on the composition, spectroscopy, and geomorphology of planetary bodies throughout the solar system.

Topical Sessions

T122. Mineralogy and Spectroscopy Across the Solar System in Honor of MSA Roebling Medalist M. Darby Dyar

Session Advocates: Janice Bishop, Penelope L. King, Molly C. McCanta

Description: This session honors MSA Roebling Medalist M. Darby Dyar, celebrating her contributions to the mineralogy and spectroscopic properties of planetary bodies, especially the Earth, Moon, Mars, and Venus. Investigations probing mineral structures, iron valence, and planetary surface reactions are invited.

T160. Advancing Mineral Science and Exploring Planetary Surfaces: In Honor of MSA Dana Medalist, Elizabeth B. Rampe

Session Advocates: Shaunna Morrison, Michael T. Thorpe, Janice Bishop, Aditi Pandey, Sarah Simpson

Description: This session honors MSA Dana Medalist Elizabeth B. Rampe, celebrating her contributions to Martian mineralogy and planetary science. We invite studies on in-situ and orbital planetary observations, lab/field data integration, and analog materials for extraterrestrial exploration.

T161. Asteroid Observations, Return Missions, and Meteoritics: Interweaving Perspectives and Data

Session Advocates: Graham Edwards, Anicia Arredondo

Description: The new age of sample return missions affords opportunities to intercalibrate observational and laboratory results. This session invites studies using observational tools, return mission data and

materials, and meteorites to advance our knowledge of asteroids.

T162. Even Better Than the Real Thing? Development, Production and Properties of Analogs and Simulants for Solar System Materials

Session Advocates: Xinting Yu, Alan Whittington, Austin Patridge, Rostislav Kovtun

Description: This session will bring together scientists and engineers studying analogs for Earth, planetary, and astrophysical materials, e.g., simulants of regolith, ices and organics, and circumstellar dust. Suitable topics include synthesis techniques, material properties, figures of merit, and ground-truthing (or space-truthing).

T163. Exploring the Diversity of Volcanism in the Solar System

Session Advocates: Sean I. Peters | Earth and Climate Sciences, Ian T.W. Flynn

Description: This session focuses on recent advances in characterizing and quantifying volcanic processes throughout the Solar System in light of recent and upcoming missions to volcanically active worlds and resurgence in volcano science.

T164. Extraterrestrial Soils: Processes, Properties, and Implications

Session Advocates: Rebecca Taormina

Description: This session explores extraterrestrial soils, including regolith formation, chemical and physical properties, and analog studies. We invite research on planetary surface processes, space weathering, in situ resource utilization, and comparative soil science across terrestrial and extraterrestrial environments.

T165. Friends of Hoth, Episode IX: The Rise of Icy Ocean Worlds

Session Advocates: Alex Patthoff, Erin Leonard, Emily S. Martin, Kelly Miller

Description: We invite abstracts relating to surface, structural, and tectonic processes; interior, and thermal evolution; geochemistry and astrobiology; and planetary analogs as they pertain to outer planet icy satellites. This includes experimental, observational, and theoretical approaches.

T166. From Atoms to Asteroids and Habitable Planets: Coordinated Analysis of Planetary Samples and Their Terrestrial Analogues

Session Advocates: Brittany Cymes, Timmons Erickson, Jennifer Gorce, Lindsay P. Keller, Jacob B. Setera, Justin Simon

Description: This session aims to highlight recent advances in coordinated analytical methodologies used in the study of planetary samples and terrestrial analogues. Approaches integrating multiple tools across different spatial scales, and cross-discipline method innovations are encouraged.

T167. Impact Cratering Processes Across the Solar System: In Memory of Dr. Bevan M. French

Session Advocates: Jeffrey Plescia, Christian Koeberl, Steven J. Jaret, Neeraja Chinchalkar

Description: Session focuses on the nature of impact craters and their influence on planetary geologic evolution. We solicit contributions on aspects of impact crater formation, ejecta, shock processes, geochemical and mineralogical signatures, modeling, and geologic implications; comparison among planetary bodies.

T168. Lunar Science and Exploration in the Artemis Era

Session Advocates: Tracy Becker, Akbar Whizin

Description: Current and anticipated science return in the areas of geology, composition, and interior of the Moon from current lunar-focused studies and upcoming payloads expected to land on the Moon in the next decade.

T169. Mantle Plumes on Terrestrial Planets (Including Earth)

Session Advocates: Allan Treiman, Justin Filiberto

Description: All the terrestrial planets have (or had) magmatism associated with mantle plumes. We will explore plume-related magmatism on the terrestrial planets from petrologic, geochemical, and geophysical constraints. Of particular interest are the implications from plume properties for planetary mantles.

T170. Planetary Exploration and Education: How We Learn About Our Solar System and Beyond

Session Advocates: Nicholas Patrick Lang

Description: This session links how we teach and learn about the Solar System to how we have gained that information (i.e., space missions). Descriptions of teaching activities/courses, and strategies for working with students are encouraged.

T171. Planetary Geologic Mapping Across the Solar System

Session Advocates: Jeannette Luna, Corey Fortezzo, Samuel Cartwright

Description: We invite abstracts that showcase planetary geologic maps, discuss mapping strategies, and leverage map-based investigations of planetary surfaces at multiple scales.

T172. Powering Discovery Using 3-D Petrology of Earth and Solar System Materials

Session Advocates: Richard Ketcham, Romy Hanna, Scott Eckley

Description: We seek contributions demonstrating the utilization and potential of 3D imaging and textural analysis for making new observations and deriving new insights on Earth and Solar System materials.

T173. Reaching for the Stars: Inspiring Collaborations in the Exploration of Outer Space

Session Advocates: Nicholas Patrick Lang, Natasha Stephen

Description: The armada of space missions underway/in development, make this a great time to think about future endeavors for space exploration. This session is geared to brainstorming future collaborations for outer space exploration.

T174. Recent Volcanism on the Moon: A Challenge for Lunar Thermal Evolution

Session Advocates: Sarah Braden, James W. Head

Description: Radiometric dating of recently returned mare basalt glasses and surface geomorphology research have reported ages as young as <150 million years, challenging lunar thermal evolution models. This session explores this conundrum and investigates paths forward.

T175. Silica-rich Meteorites and Petrogenesis of Early Planetsimal Crust

Session Advocates: Robert William Nicklas | Lunar and Planetary Institute, Cyrena Goodrich

Description: Recently, evolved achondrites have shown that the earliest Solar System bodies contained significant Si-rich crust. This session concerns the petrogenesis of

Si-rich achondrites, and what they reveal about the first generation of Solar System bodies.

T177. Tiny Worlds with Big Potential

Session Advocates: Danielle Wyrick, Jennifer Scully, Debra Buczowski, Kynan H. G. Hughson

Description: We encourage abstracts related to geologic, spectroscopic, geophysical, and compositional analyses of small bodies in the Solar System, including comparative studies of more than one body, or in-depth studies of a single body.

T180. Philosophy of Extreme Events and Landscape Evolution on Earth and Other Planets: Thinking Geologically in the Spirit of Victor Baker

Session Advocates: Ginny Gulick, Tao Liu, and Lisa Ely

Description: We invite presentations on Earth-based and planetary research on catastrophic events in shaping landscapes and their implications for understanding climate, including philosophical and historical perspectives on the role of outrageous hypotheses in scientific inquiry. This session highlights Victor R. Baker's pioneering contributions to paleoflood hydrology, planetary geology, and geoscience philosophy. Presentations explore how his transformative research influences contemporary and future approaches to understanding Earth's and planetary processes.

Short Courses

Check out these planetary-related short courses associated with GSA Connects 2025. For a complete list of short courses associated with the meeting, see <https://connects.geosociety.org/program/short-courses>.

- Building a Culture of Access for Geoscientists with Disabilities in the Workforce (hybrid)
- Transforming Undergraduate Geoscience Teaching: Implementing Recommendations from a National Academies Report
- Mastering Quantitative Analysis Using XRF, XRD, and X-ray CT.
- Introduction to Field Safety Leadership
- Visualizing Data: Unleash the Power of Interactive Data Dashboards (Online)
- Talking Science: A Communication Course
- Sustainable Productivity in Academia: Practical Strategies for Efficiency and Balance
- Overview of X-ray CT Data Acquisition, Visualization, and Quantitative Analysis for Geological Applications
- Landslide Mapping Using Lidar and Ortho Imagery in a GIS – Building Fundamental Mapping Skills for the Next Generation of Landslide Scientists
- From Cosmos to the Earth: A Celebrated Astrophysics Research Discovery and Exploration Platform Expanded to the Earth and Planetary Sciences
- GeoGPT: The One-stop AI Research Platform for Geoscientists

Field Trips

Be sure to check out these planetary-related field trips. For a complete list of trips, see <https://store.geosociety.org/collections/field-trips>.



Exploring The K/Pg Boundary in the Gulf of Mexico at the Brazos River Outcrops and the Gulf Coast Core Repository



Investigating Confirmed and Suspected Impact Sites in Western and Central Texas



Kilbourne Hole and the Potrillo Volcanic Field: A Planetary Analog Site

PGD Logo Design Contest



The winning 2025 logo design, submitted by Adrienne Hammontree, a senior at Marietta College.

Satellite and small body madness! This year's winning design features a wide range of moons and asteroids found across our Solar System. Each body was hand drawn to accentuate unique features that make each of them special. They were then uploaded into Adobe Illustrator where the text and background were added. The bodies featured, from largest to smallest (not to scale), are Ganymede, Titan, Callisto, Io, Earth's Moon, Europa, Ceres, Vesta, Juno, Psyche, Phobos, Deimos, and Bennu.

Adrienne Hammontree is a senior at Marietta College double majoring in planetary science and geology with a minor in geographic information systems. Her research mainly focuses on meteorite petrology working on projects analyzing martian and HED meteorites. On campus, Adrienne is also the president of both the

Marietta College chapter of Sigma Gamma Epsilon, Iota Alpha, and the Marietta College Geological Society, their geology club.

2025 Award Recipients

2025 G.K. Gilbert Award



*2025 G.K. Gilbert Winner
Dr. Scott Murchie (Johns Hopkins
University Applied Physics Laboratory)*

Congratulations to **Dr. Scott Murchie** of the Johns Hopkins University Applied Physics Laboratory, the 2025 Gilbert awardee! Dr. Murchie will be honored at the 2025 GSA meeting with session "T176. The G.K. Gilbert Award Session: Geology of Mars, Mercury, Asteroids, and Icy Satellites in Honor of Scott Murchie" and at the annual PGD banquet & business meeting. Please join us if attending GSA Connects 2025!

2025 Pellas-Ryder Award

Two students shared the 2025 Pellas-Ryder Award.

Alexander Kling, who is a graduate student at Purdue University, West Lafayette, IN, USA, is the co-winner of the 2025 Pellas-Ryder Award for the paper entitled "Nanoscale reservoirs store solar wind-derived water on the lunar surface" published in *Earth and Planetary Science Letters*. This work describes detailed analyses of solar wind-derived hydrogen and water in the space weathered rims of small lunar grains returned by the Apollo 17 mission. Using correlated nanoscale observations, the paper shows that hydrogen and water can be trapped in vesicles formed by solar wind irradiation, providing proof of the mechanism to form solar wind-derived water of the Moon. These observations help explain the behavior and long-term storage of solar wind volatiles on the lunar surface. The committee were impressed by the highly novel and complex analytical work and the excellent presentation and description of the data.

Ian Pamerleau, who is a graduate student at Purdue University, West Lafayette, IN, USA, is the co-winner of the 2025 Pellas-Ryder Award for the paper entitled "**An ancient and impure frozen ocean on Ceres implied by its ice-rich crust**" published in *Nature Astronomy*. The paper reports a modelling approach to solving the mystery of Ceres' internal structure. Unlike previous studies, the model considers the effects of impurities in the ice and demonstrates how Ceres can have both an ice-rich crust and heavily cratered surface, satisfying multiple datasets collected by NASA's Dawn mission. In particular, the committee praised the clear aims and

objectives of the paper and the wider implications it has for understanding icy bodies in the Solar System.

Citation credit:

<https://meteoritical.org/news/2025-pellas-ryder-award>

The Pellas-Ryder award is jointly sponsored by the Meteoritical Society and the Planetary Geology Division of the Geological Society of America and is awarded to an undergraduate or graduate student who is first author of the best planetary science paper published in a peer-reviewed scientific journal during the year prior to the award. Nominations are due each year on Jan. 31.

2025 Dwornik Awards

The Dwornik Award was endowed by Stephen E. Dwornik in 1991 to encourage students in the field of planetary science. The Dwornik Award originally acknowledged the best oral presentation at both LPSC and GSA, with the winners traveling to Washington, DC to accept their award. Due to the overwhelming number of planetary-related presentations at LPSC relative to GSA, the award later became an LPSC-only competition but expanded to include honorable mentions and poster presentations. A brief biography of Stephen Dwornik's influential career is on our Dwornik Award webpage:

<http://rock.geosociety.org/pgd/dwornik.html>.

All of our volunteer judges at this year's LPSC worked hard to evaluate another outstanding group of oral and poster presentations for the 2025 Dwornik Award, submitted by both graduate and undergraduate students. The PGD would like to thank PGD 2nd Vice Chair Alex Morgan for being the Dwornik Coordinator this year, and all who judged students.

Without your help, we would not be able to honor our students! Please remember to sign up to judge Dwornik award presentations at the 2025 LPSC!

The 2025 Dwornik winners are:

Best Graduate Oral: Pranvera Hyseni, UC Santa Cruz, "Investigating the Distribution of Soluble Organic Matter Among Hydrated Asteroid Families"

Honorable Mention – Graduate Oral: Sophie Benaroya, University of Alberta, "Magmatic Oxygen Fugacity of Basaltic Shergottites: Insights from Experimentally-Calibrated V-Oxybarometry"

Best Graduate Poster: Mia Rudin, Purdue University, "Searching for Meteorites on the Martian Surface from Orbit"

Honorable Mention – Graduate Poster: Kaitlyn Goss, University of New Mexico, "Correlated Microstructural and Chronometric Studies of Lunar Zircons: Interpreting Zircon Ages from Lunar Breccia 14321"

Best Undergraduate Oral: Ricardo Vega, University of Texas, San Antonio, "A Cross-Laboratory Comparison of Titan Haze Analogs: Mechanical Properties"

Honorable Mention – Undergraduate Oral: Kenny Phan, Yale University, "Neptune's Atmospheric Features Inferred from TESS Photometry"

Best Undergraduate Poster: Adrienne Hammontree, Marietta University, "Using Martian Meteorites to Interpret Future Gamma-Ray and Neutron Data of Phobos"

Honorable Mention – Undergraduate Poster: Alexis Jansen, University of Iowa, “Characterizing the Mineralogical Evolution of Syrtis Major Planum”

Call for Applications & Nominations

G. K. Gilbert Award: The Gilbert award is the Division’s highest award for his outstanding contributions to our field. The award will be made for outstanding contributions to the solution of a fundamental problem(s) of planetary geology in its broadest sense, including planetary geology, geochemistry, mineralogy, petrology, and tectonics, geophysics, and the field of meteoritics. Such contributions may consist either of a single outstanding publication, or a series of publications that have had a great influence on the field. The award is named for G. K. Gilbert, who over one hundred years ago clearly recognized the importance of a planetary perspective in solving terrestrial geological problems.

The deadline for nominations is March 1 (annually).

For additional details, including how to nominate a colleague, see <https://community.geosociety.org/pgd/awards/gilbert>.

Dwornik Award: The Dwornik Award was established in 1991 with a generous endowment by Dr. Stephen E. Dwornik, who wished to encourage students to become involved with NASA and planetary science. A brief biography of Stephen Dwornik’s influential career can be found on our Dwornik Award webpage:

<http://rock.geosociety.org/pgd/dwornik.html>.

The awards are open to all students at any degree level in a field related to planetary geosciences, regardless of location of residency or educational institution, who are the first author on an abstract submitted to the Lunar and Planetary Science Conference (LPSC) hosted by the Lunar and Planetary Institute and NASA Johnson Space Center. The awards are managed and judged by the Planetary Geology Division of the Geological Society of America.

Graduate and Undergraduate students may submit one abstract submitted to LPSC on which they are the first author (poster and oral) to be considered for the award. The award consists of a plaque and a \$500 check (graduate) / \$250 check (undergraduate).

The student must complete the application form and submit it by email to LPI by the deadline, which is typically **the day after LPSC abstracts are due**.

For additional details, including how to apply, see <https://community.geosociety.org/pgd/awards/dwornik>.

Eugene M. and Carolyn S. Shoemaker Impact Cratering Award: Dr. Carolyn Shoemaker established the Eugene M. Shoemaker Memorial Fund for Crater Studies in memory of her husband in 1998. She established this endowment so that students will have an opportunity to pursue studies of impact craters, which were the focus of her husband’s graduate studies and a large part of his professional career. Her name was added to the award in 2022 to reflect her contributions. Friends, scientific colleagues, and companies have contributed

to the fund (and continue to do so) to ensure its success.

The Shoemaker Impact Cratering Award is for undergraduate or graduate students, of any nationality, working in any country, in the disciplines of geology, geophysics, geochemistry, astronomy, or biology. The \$3000 award is to be applied for the study of impact craters, either on Earth or on the other solid bodies in the Solar System. Areas of study may include but shall not necessarily be limited to impact cratering processes; the bodies (asteroidal or cometary) that make the impacts; or the geological, chemical, or biological results of impact cratering. **Applications will open on or about April 1, 2025, and will be due September 5, 2025.**

For additional details, including how to apply, see http://www.lpi.usra.edu/science/kring/Awards/Shoemaker_Award/.

Questions regarding this award should be directed to Dr. David Kring, (kring@lpi.usra.edu). The PGD officers strongly encourage all Division members to recruit promising students to apply for this prestigious award.

Pellas-Ryder Award: This award, which is jointly sponsored by the Meteoritical Society and the Planetary Geology Division of the Geological Society of America, is awarded to an undergraduate or graduate student who is first author of the best planetary science paper published in a peer-reviewed scientific journal during the year prior to the award. Potential topics are listed on the cover of *Meteoritics & Planetary Science*, and include: Asteroids, Comets, Craters, Interplanetary Dust, Interstellar Medium, Lunar Samples,

Meteors, Meteorites, Natural Satellites, Planets, Tektites, Origin and History of the Solar System. The award has been given since 2001 and honors the memories of meteoriticist Paul Pellas and lunar scientist Graham Ryder. **The deadline for nominations is January 31** (annually).

For additional details, including how to nominate a student, see <https://community.geosociety.org/pgd/awards/pellas-ryder>.

Student Travel Grants: The Planetary Geology Division (PGD) of the Geological Society of America offers at least 3-4 travel grant(s) in the amount of \$500 to help defray costs for PGD student members who are traveling to the GSA Annual Meeting to present first-authored papers. Applicants for student travel awards must:

1. Be first author and presenter of a paper that has been submitted to (and accepted for presentation at) the GSA Annual Meeting.
2. Be a Student Member of both GSA and the Planetary Geology Division.
3. Be registered for the meeting before applying for a travel grant.
4. Submit a completed Travel Grant Application, current CV, and a short justification (~300-500 words) for why travel funding is needed.

Checks will be presented at the meeting, following the student's talk or poster. **The deadline for applications is August 15** (annually).

For additional details, including how to apply, see <https://community.geosociety.org/pgd/awards/travel-grants>.

Pete Mouginis-Mark Prize in Planetary Volcanology:

A relatively new prize, the Pete Mouginis-Mark Prize in planetary volcanology recognizes outstanding undergraduate and graduate student presentations in planetary volcanology at the annual GSA Connects Meeting. Planetary volcanology, for the purpose of this prize, is defined as research into volcanoes and volcanic processes on the planets (Mercury, Venus, Mars, Moon), asteroids, or the moons of the outer planets. Volcano studies may include the geomorphology and tectonics of summit craters, the lava flows on their flanks, and the deformation of the flanks. Volcanic processes may include numerical modeling of eruptions, as well as petrologic studies of samples from known volcanic areas of the Moon, Mars, or asteroids. Remote sensing (spectral, radar, gravity) of volcanoes and their products is also appropriate. Studies of terrestrial volcanoes and volcanic processes are only eligible if the primary focus is on extraterrestrial volcanism. The applicant presentations must be presented in a session at GSA Connects that is focused on the planets.

For GSA Connects 2025, the Pete Mouginis-Mark Prize application form is due **one day after the GSA Connects abstract deadline**.

For additional details, including how to apply, see <https://community.geosociety.org/pgd/awards/mouginis-mark-prize>

Ronald Greeley Award for Distinguished Service:

All members are encouraged to submit nominations for the Ronald Greeley Award for Distinguished Service. This award was established in 2011 as the PGD Distinguished Service Award, and in 2012 the PGD membership voted to change the

name to commemorate Ronald Greeley and his contributions to the Planetary Geology Division. This award may be given to those members of the PGD, or those outside of the Division and GSA, who have rendered exceptional service to the PGD over a multi-year period. The award is not open to currently serving Division officers, but may be awarded to past officers who have provided exceptional service to the PGD after their term on the Management Board has ended. Approval of the award will be by majority vote of the Management Board. The award consists of a certificate signed by the Chair, and will be presented at the Division's Business Meeting/Awards Reception at the Annual Meeting.

The deadline for nominations is August 15 (annually).

For additional details, including how to nominate a colleague, see <https://community.geosociety.org/pgd/awards/greeley>.

Upcoming Meetings & Workshops

See the Planetary Exploration Newsletter Meeting Calendar at planetarynews.org/meetings.html and the Planetary Sciences Community Meetings calendar at hou.usra.edu/meetings/calendar.

2024–2025 Division Officers



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