Dear Members,

In this edition of the GSA Planetary Geology Division Newsletter, we want to inform you of recent changes in the Division, including the election of new officers and this year's Division awardees and new programs, and to preview the Division's activities and sessions at the GSA Annual Meeting in Denver later this month. Hopefully I will see many of you at the PGD Business Meeting and Awards Reception on Tuesday, October 30, from 12:15-1:15pm in the Colorado Convention Center (CCC) Room 406. Remember, as a one-time only offer, the first 50 PGD members attending the Business Meeting will receive a FREE BOX LUNCH! There is a vegetarian option. No need to worry about scrounging for lunch; it's on us so you can enjoy the meeting! Following will be the GK Gilbert session honoring Maria Zuber.

See you in Denver!

Dave

Dave Williams, PGD Secretary-Treasurer and Newsletter Editor

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New PGD Officers for 2007-2008

The PGD held an election for your officers for the next year. The new officers are:

Chair: Herbert Frey, NASA Goddard Spaceflight Center
First Vice-Chair: Louise Prockter, JHU Applied Physics Laboratory
Second Vice-Chair: Jayne Aubele, New Mexico Museum of Natural History
Secretary-Treasurer: David Williams, Arizona State University
Past Chair: Aileen Yingst, University of Wisconsin - Green Bay

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2007 PGD Awardees

The PGD administers several annual awards for planetary geologist and students. This year's winners include:

1) G.K. Gilbert Award: Maria Zuber, MIT

The award is named for G. K. Gilbert, who 100 years ago clearly recognized the importance of a planetary perspective in solving terrestrial geologic problems. Gilbert was a master of both planetary and terrestrial geology; many of his papers bear careful study today. The G. K. Gilbert Award is usually presented annually to career research scientists for outstanding contributions to the solution of fundamental problems in planetary geology in the broadest sense, which includes
geochemistry, mineralogy, petrology, geophysics, geologic mapping, and remote sensing. Such contributions may consist either of a single outstanding publication or a series of publications that have had great influence in the field. The award, consisting of an engraved plaque and an appropriate certificate, is presented during a Division-sponsored technical session at the Annual Meeting. The theme of the technical session will be related to the Award Recipient's field(s) of study. The nomination deadline for the G. K. Gilbert Award is September 1 of each year. Nominations should be sent directly to the Chair of the Gilbert Selection Committee. Electronic submissions are preferred.

2) Stephen Dwornik Best Student Presentation Awards (38th Lunar Planetary Science Conference):

Best Oral Presentation: Sarah Stewart Johnson: Sulfur Volatiles in the Early Martian Atmosphere

Honorable Mention: Nick Tosca: Fe-Oxidation Processes at Meridiani Planum and Implications for Secondary Fe-Mineralogy

Best Poster Presentation: Julie Chittenden: Effect of Wind on the Stability of Water Ice Under Martian Conditions

Honorable Mention: Caleb Fasset: Age Constraints on Martian Valley Networks from Buffered Crater Counting

The Dwornik Award was started in 1991 with a generous endowment by Dr. Stephen E. Dwornik, who wished to encourage American students to become involved with NASA and planetary science. The Award consists of a plaque and a $500 check, and is given for the best student presentations (poster and oral) at the annual Lunar and Planetary Science Conference (LPSC) hosted by the Lunar and Planetary Institute and NASA Johnson Space Center in Houston, Texas. Students may submit abstracts for consideration of the award to the annual LPSC. The student must be first author on the abstract, and must be a United States citizen. Along with the abstract, the student must also complete an application form and have it signed by their dissertation or research advisor. The signed form must be mailed to the Lunar and Planetary Institute in time to arrive before the LPSC abstract deadline (typically early January of each year). (PLEASE NOTE: This is the case even if the associated abstract was submitted electronically.) The form and instructions can be found on the LPSC registration site.

3) Meteoritic Society/GSA Pellas-Ryder Best Student Paper Award: Alice Toppani.


The Pellas-Ryder Award for the Best Student Paper in Planetary Sciences is granted annually at the discretion the Meteoritical Society Council and the Officers of the Planetary Geology Division of the GSA on the recommendation of a Selection Committee of authorities in the field of Planetary Science. The Award, consisting of a plaque and $500, is limited to undergraduate and graduate students who are first authors of a paper published in peer-reviewed scientific journals during a specific calendar year. The first author must have been a registered student at a degree awarding institution at the time the paper was submitted to the publishing journal. Planetary science papers published in peer-reviewed scientific journals published in English only will be considered for this award. The deadline for nominations is January 31 each year. For more information send an email to: Hardersen@space.edu.
4) Eugene Shoemaker Award for Student Research (impact cratering studies): TBD

The Eugene M. 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 award, which will include $2500, is to be applied for the study of impact craters, either on Earth or on the other solid bodies in the solar system, which 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. The deadline for applications is typically the first week of September of each year. Additional details about the award can be found at: http://academics.georgiasouthern.edu/pgdgsa/

Changes to PGD Programs

Over the course of the last year the PGD officer have discussed several changes to the slate of programs that we have to support the division. Two that we would like to report at this time include:

1) The Shoemaker Award provides an annual grant to a deserving student to support research into impact cratering studies. Since its inception the awarded grant amount has been $2,000. To better help students with the growing costs of research, this year the Shoemaker grant amount has been increased to $2,500.

2) The PGD is developing a student travel grants program, which we hope will be online for the 2008 Annual Meeting. Students who have submitted an abstract to the Annual Meeting will be eligible to submit a travel and budget justification to attend the AM. Our hope is to provide one grant for $1000 that would be matched by the student's advisor or institution. As the program develops, more information will be provided in later newsletters/emails.


Session No. 16   Sunday, 28 October 2007
8:00 AM-12:00 PM, Colorado Convention Center: 405
T90. Geology of the Northern Plains of Mars: New Tectonic, Petrologic, and Geomorphic Perspectives

Session No. 46   Sunday, 28 October 2007
1:30 PM-5:30 PM, Colorado Convention Center: 405
T95. Techniques for Studying the Development of Fields of Small Basaltic Vents on Earth and Mars

Session No. 47   Sunday, 28 October 2007
1:30 PM-5:30 PM, Colorado Convention Center: 501
T102. The Solar Stew: The Search for Ingredients of Life and Biomarkers in Our Solar System: Past or Present

Session No. 60   Monday, 29 October 2007
8:00 AM-12:00 PM, Colorado Convention Center: 605/607
P5. New Eyes and Ears on Mars: Recent Advances in Understanding the Red Planet
Session No. 103  Monday, 29 October 2007
1:30 PM-5:30 PM, Colorado Convention Center: 405
T91. Wet Mars: Understanding The Red Planet's Aqueous History through Terrestrial Fieldwork

Session No. 115  Monday, 29 October 2007
1:30 PM-5:30 PM, Colorado Convention Center: Exhibit Hall E/F
T104. Impact Craters and Events: From the Field to the Laboratory (Posters)

Session No. 116  Monday, 29 October 2007
1:30 PM-5:30 PM, Colorado Convention Center: Exhibit Hall E/F
T105. The Chesapeake Bay Impact Structure: Results from the 2005-2006 ICDP-USGS Deep Drilling Project (Posters)

Session No. 135  Tuesday, 30 October 2007
8:00 AM-12:00 PM, Colorado Convention Center: 405
T92. Up Close and Personal: Geology on Mars and Earth at the Handlens Scale

Session No. 137  Tuesday, 30 October 2007
8:00 AM-12:00 PM, Colorado Convention Center: 406
T104. Impact Craters and Events: From the Field to the Laboratory

Tuesday, 30 October 2007
12:15 PM-1:15 PM, CCC: 406
GSA Planetary Geology Division Business Meeting and Awards Reception

Session No. 164  Tuesday, 30 October 2007
1:30 PM-5:30 PM, Colorado Convention Center: 406
T89. Geophysics of the Terrestrial Planets: The G.K. Gilbert Award Session

Session No. 167  Tuesday, 30 October 2007
1:30 PM-5:30 PM, Colorado Convention Center: 405
T105. The Chesapeake Bay Impact Structure: Results from the 2005-2006 ICDP-USGS Deep Drilling Project I

Session No. 197  Wednesday, 31 October 2007
8:00 AM-12:00 PM, Colorado Convention Center: 406
T94. Advanced Remote Sensing of the Earth, Moon, and Mars: Mars Reconnaissance Orbiter and Other Platforms

Session No. 199  Wednesday, 31 October 2007
8:00 AM-12:00 PM, Colorado Convention Center: 405
T105. The Chesapeake Bay Impact Structure: Results from the 2005-2006 ICDP-USGS Deep Drilling Project II

Session No. 209  Wednesday, 31 October 2007
8:00 AM-12:00 PM, Colorado Convention Center: Exhibit Hall E/F
Planetary Geology: Potpourri (Posters)

Session No. 218  Wednesday, 31 October 2007
1:30 PM-5:30 PM, Colorado Convention Center: 605/607
Planetary Geology: Potpourri