Newsletter 22-05

Issue 22-05, February 13, 2022

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CELEBRATING BLACK EXCELLENCE IN PLANETARY SCIENCE

The DPS Professional Climate and Culture Subcommittee (PCCS) highlights that February is Black History Month. In addition to recognizing past contributions by African American/Black scientists, we celebrate present excellent science and scientists. Here are a few recent presentations and articles (two provided by the National Society of Black Physicists (NSBP); the DPS partners with NSBP through their Earth and Planetary Systems Sciences track), describing some great works. Please enjoy!

1) During February, the NSBP posts daily highlights of prominent Black physicists. These can be viewed at https://nsbp.org/blogpost/1997746/Black-History-Month-2022 [1]

2) The NSBP Innovate Seminar Series is a forum for NSBP members to share their research ideas and projects with a broad audience. The February 4, 2022 talk was given by Kierra Wilk, a PhD student at Brown University in the Department of Earth, Environmental, and Planetary Sciences. Kierra presented on her work: Geologic Mapping of Resurfacing Features on Europa. This and previous talks can be viewed at

https://www.youtube.com/playlist?list=PLG1HpEzwSi70spuKa0wxrxYrR79G-IbGf [2]
3) NPR recently interviewed Dr. Jessica Watkins, a planetary scientist and astronaut

https://n.pr/3Jo2ja5 [3]

FREE WEBINAR ON DE-JARGONING YOUR TALKS

Sharing Planetary Science: De-Jargoning your Talks

Tuesday, February 15, 3:00 p.m. CST

There are many ways to say things. We often default to using jargon, but these words or phrases may be meaningless to your audience; worse, hearing a presentation with jargon may cause your audience to lose interest. Join us to hear from Dr. Olivia Ambrogio (AGU), Steven Smith (NASA), and Christine Shupla (LPI), who will discuss strategies that will help you to identify and avoid jargon. For more information, visit LPI’s Scientist Engagement website, at https://www.lpi.usra.edu/education/scientist-engagement [4].

Presenters:

Olivia V. Ambrogio is the Assistant Director of the Sharing Science program at the American Geophysical Union (AGU). Olivia conducts science-communication workshops and webinars and develops online resources to support scientists.

Steven C. Smith is the Education Specialist for NASA’s Educator Professional Development Collaborative at the Johnson Space Center. Steven helps to develop, package, and deliver professional development and STEM Engagement opportunities.

Christine Shupla, LPI Education and Public Engagement Manager, leads LPI’s scientist engagement programs, and has extensive experiences engaging different audiences in astronomy and planetary science.


or watch live on LPI’s YouTube channel: https://www.youtube.com/c/LPIUSRA [6]
PLANETARY GEOSCIENCE AT THE NORDIC GEOLOGICAL MEETING IN ICELAND

A Planetary Geoscience session is being planned for the Nordic Geological Winter Meeting 2022 to be held in Reykjavik, Iceland, 11-13 May, and abstracts are welcome until the extended deadline of 1st March. We welcome contributions that are focused on the study of geoscience topics applicable or centered on celestial bodies other than our own. Topics can include studies of the interiors, surfaces, and/or atmospheres of the terrestrial planets, asteroids, comets, moons, or exoplanets. We specifically encourage contributions using Iceland as an analogue with a natural bias towards Mars as the scientific focus. Please find more details on the conference website:

https://jfi.is/ngwm-2022/

JOBS, POSITIONS, AND OPPORTUNITIES

Job seekers and employers are encouraged to browse DPS's job listings and advertise open positions.

Recent openings and opportunities are listed below and many more are at the link above.

A. POSTDOCTORAL POSITION IN EXOPLANET GEOPHYSICS AT BROWN UNIVERSITY

The Brown University Department of Earth, Environmental, and Planetary Sciences (DEEPS) invites applications for a Postdoctoral Research Scholar in exoplanet and habitability evolution modeling.

Ideal candidates are those with experience in the development and/or modeling of mantle thermochemical evolution on planetary bodies.

The successful applicant will be based in DEEPS and will work with a cross-disciplinary research team in both DEEPS and the Department of Physics to carry out research that integrates models of mantle thermochemical evolution and atmospheric evolution to understand how exoplanets evolve through time.
Interested individuals should have a Ph.D. in Planetary Science, Geophysics, Physics/Astronomy, Statistics, Mathematics, or a related field. A start date by Summer/Fall 2022 is expected, but earlier and later start dates will be considered.

Applications will be accepted on a rolling basis.

If interested, please send a CV and brief statement of research interests and future research goals that highlights any previous experience with mantle, atmospheric, or exoplanet modeling and analyses to exoplanets [at] brown [dot] edu.

Any questions can be directed to Alex Evans, alex_evans[at]brown[dot]edu. More information on the GHOSST Lab can be found at ghosst.alexjevans.com [10].

B. POSTDOCTORAL TEACHING FELLOW IN PLANETARY SCIENCES AT WESLEYAN UNIVERSITY

The Postdoctoral Teaching Fellow position is structured with time devoted to research and teaching, with a teaching load of one course per semester plus organizing the planetary science seminar. Our expectation is that the successful candidate will excel at teaching and mentoring students who are broadly diverse with regard to race, ethnicity, socioeconomic status, gender, nationality, sexual orientation, and religion. Teaching and research mentoring will be provided by the planetary science faculty. The Postdoctoral Fellow will be encouraged to interact with other faculty, postdocs and students in Planetary Science and to carry out independent research with full access to observational, laboratory and field facilities available. Expertise in Planetary Science includes the geology of Solar System bodies including Venus, Mars, and the Moon, cosmochemistry, planet formation, and exoplanet discovery and characterization. Candidates must have a Ph.D. in planetary science, astronomy, or geology in hand by the time of appointment to be hired as a postdoc.

The position has been approved for 3 years, with an initial 1-year appointment with the additional 2 years contingent upon performance. Anticipated start date is September 1, 2022. Apply through the Wesleyan Online Career Opportunities site here:
Send submissions to: Maria Womack, DPS Secretary (dpssec@aas.org [12])

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[3] https://n.pr/3Jo2ja5
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