

## Making Waves with NOW

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- Call for [NOW Waves](#), please submit slide (pptx, jpg, pdf) to: [kpietro@who.edu](mailto:kpietro@who.edu)
  - Aaron Noell: [Viability of Bacterial Spores Under Ocean Worlds Icy Surface Conditions](#)

## Recent NOW Events

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- April 26<sup>th</sup> StComm 1pm ET/ 10am PT
  - Business items
    - Workshops WG update
      - FLOW career coffee hour
      - Ocean Sciences special session
      - LPSC repeat
  - Lightning Talks by Jennifer Stern, Jason Soderblom, Jessica Weber

## NOW Upcoming Events

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- May 24<sup>th</sup> StComm 1pmET/ 10am PT
  - Lightning Talks by Kirt Robinson, Robert Grimm, Peter Girguis
- NOW Lecture Series Season 2: Motivations for OW Exploration 1pmET/ 10amPT via Webex
  - June 21<sup>st</sup>: Geophysics & Habitability
  - Sept 13<sup>th</sup>: Geochemistry & Habitability
  - Dec 6<sup>th</sup>: Geology & Habitability

## Other Meetings, Workshops and Activities

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- May 19 [Characterization and Speciation of Marine Materials using Synchrotron Probes](#)
- May 20 [Europa Lander In Situ Science for Ocean Worlds Workshop](#)
- June 4, 7, 11, 15, 18, 22, 24 [Ocean Carbon & Biogeochemistry Workshop](#) [incl. Ocean Worlds session]
- June 28-July 2 [Planetary Data Workshop](#)
- Aug 30- Sept 1 [OPAG](#)
- Sept 13-24 [EPSC](#)
- Sept 14-17 [AbGradCon 2021](#)
- Sept 20-23 [Global Oceans 2021](#) (special session on *Deep sea exploration and parallels to outer space*)
- Oct 3-8 [DPS](#)
- Oct 25 [Modern Brines Across the Solar System](#)
- Dec 13-27 [AGU](#)
- Feb 27-Mar 4, 2022 [Ocean Sciences](#) (session proposals due May 2021)
- May 15-20, 2022 [AbSciCon](#) (session proposals due Sept 2021)
- July 16-24, 2022 [COSPAR](#)

## Recent Publications Relevant to Ocean Worlds

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- [Buffo et al. 2021](#). Dynamics of a Solidifying Icy Satellite Shell. *JGR: Planets*, <https://doi.org/10.1029/2020JE006741>
- [Fortunato et al. 2021](#). Seafloor Incubation Experiment with Deep-Sea Hydrothermal Vent Fluid Reveals Effect of Pressure and Lag Time on Autotrophic Microbial Communities. *Applied and Environmental Microbiology*, 87 (9) e00078-21; DOI: 10.1128/AEM.00078-21.
- [Grimm et al. 2021](#). A Magnetotelluric Instrument for Probing the Interiors of Europa and Other Worlds. *Advances in Space Research*, Vol. 67, no.11, <https://doi.org/10.1016/j.asr.2021.04.011>.
- [Morganti et al. 2021](#). In situ observation of sponge trails suggests common sponge locomotion in the deep central Arctic. *Current Biology*, Vol. 31, issue 8, PR368-RR370.
- [Trembath-Reichert et al. 2021](#). Multiple carbon incorporation strategies support microbial survival in cold subseafloor crustal fluids. *Science Advances*, Vol. 7, no.18, eabg0153; DOI: 10.1126/sciadv.abg0153.

## Career Opportunities

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- [NASA Fellowship Activity 2021](#) (5/24/2021)
- [Postdoctoral Research Fellowship](#), Office of Polar Programs, NSF (6/1/2021)
- [Lloyd V. Berkner Space Policy Internships 2021](#) (6/4/2021)

- [NASA Postdoctoral Program](#) (7/1/2021)

#### **Proposal Calls**

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- [TWSC](#) Topical Workshops, Symposia, and Conferences (5/13/2022)
- [CDAP](#) Cassini Data Analysis Program (5/7/2021; 7/9/2021)
- [PSTAR](#) Planetary Science and Technology Through Analog Research (7/23/2021; 10/7/2021)

#### **Education and Outreach**

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- [Astrobiology in the Classroom](#): The Science Behind the ENIGMA Project, Live Virtual Webinar for K12 Teachers, 7-8 pm ET, May 19, 2021
- [UW Astrobiology Presents: Where Is the Best Place to Look for Life in the Universe?](#) A new series of free public science panels, 6pm PT, May 26, 2021.