

Making Waves with NOW

- This month's new releases: Tessa Van Volkenburg, [Microfluidic Chromatography for Amino Acid Purification](#).
- Call for future [NOW Waves](#), please submit slide (pptx, jpg, pdf) to: kpietro@whoi.edu

NOW Upcoming Events

- September 12th 12pm ET/ 3pm PT NOW Quarterly Seminar Series (*details TBA*)
 - Season 3, Episode 1 "Exploring Ocean Worlds Through Analogs: Field Studies"
 - [Alexis Templeton](#) (UC Boulder) & [Craig Lee](#) (APL UW)
- Oct 13-15 [Ocean World Analog Field Site Assessment Workshop](#)

Other Meetings, Workshops and Activities

- September 2 [Georgia Tech Astrobiology Distinguished Lecture](#)
- September 12-16 [Brines Across the Solar System: Ancient Brines](#)
- September 13 [Neptune/ Triton System Seminar Series](#)
- November 15-17 [OPAG](#)
- January 9-11 [Ices in the Solar System](#)

Recent Publications Relevant to Ocean Worlds

- *Oceanography* [Special Issue on Oceans Across the Solar System](#)
- [Fifer et al., 2022](#). "Chemical Fractionation Modeling of Plumes Indicates a Gas-Rich, Moderately Alkaline Enceladus Ocean." *The Planetary Science Journal* 3 (8): 191. <https://doi.org/10.3847/PSJ/ac7a9f>
- [Quick et al., 2022](#). "Cryolava Dome Growth Resulting From Active Eruptions on Jupiter's Moon Europa", *Icarus* 387, 115185, [doi:10.1016/j.icarus.2022.115185](https://doi.org/10.1016/j.icarus.2022.115185)
- [Hollis et al., 2022](#). The power of paired proximity science observations: Co-located data from SHERLOC and PIXL on Mars. *Icarus*, DOI: <https://doi.org/10.1016/j.icarus.2022.115179>
- [Sklute et al., 2022](#). A Multi-Technique Analysis of Surface Materials From Blood Falls, Antarctica. *Front. Astron. Space Sci.*, 30 May 2022 Sec. Astrobiology <https://doi.org/10.3389/fspas.2022.843174>

Career Opportunities

- [Open Rank Tenure-Track Faculty in Planetary Science](#), Penn State (open until filled)
- [Marine Systems Engineer II](#), Impossible Sensing/ SETI
- [Electrical Engineer I](#), Impossible Sensing/ SETI
- [Assistant Professor of Geochemistry](#), Yale University (9/13/2022)
- [Postdoctoral Fellowship Position in Polar Microbiology](#), McGill University (open until filled)
- [Postdoctoral Position in Exoplanet Geophysics](#), Brown University (open until filled)
- [Postdoctoral Researcher in Planetary Science](#), CU Boulder/ LASP (open until filled)
- [Postdoctoral Opportunity to Investigate Physical and Chemical Effects of Radiation](#), NASA JPL
- [Associate or Full Professor of Geobiology](#), University of Southern California (open until filled)
- [Postdoctoral positions in Fluid-Rock Interactions & Investigation of Deep Subsurface Life](#), Stable Isotope Laboratory, University of Toronto (open until filled)
- [Tenure Track Faculty Position](#), School of Earth and Atmospheric Sciences, Georgia Tech (open until filled)

Proposal Calls

- August 24 [NSF Research Experiences for Undergraduates](#)
- September 6 [NSF Research Traineeship Program](#)
- September 6 [NSF Research Experiences for Undergraduates](#)
- October 3 [IODP Call for Proposals](#)
- October 14: Step 1, November 16: Step 2 [Interdisciplinary Research in Earth Science](#)

News, Education, and Outreach

- [NASA SCoPE](#) Seed Grants for Community Engagement
- [Multiple lab analyses of Antarctic minerals offer a better understanding of Mars](#)
- Subscribe to the [NASA Astrobiology Mailing List](#)