



San Joaquin Geological Society

VIRTUAL MEETING Optional

Date: Tuesday, January 11th, 2022

**Time: 6:00 PM Social Hour
7:00 PM Dinner (Zoom link open)
7:30 PM Lecture**

PSAAPG Members
\$30 with reservation
\$35 without reservation

Non PSAAPG Members
\$35 with reservation

Full-time Students with ID:
\$15

**Place: American Legion Hall (Zoom link to follow)
2020 H Street, Bakersfield, CA 93302**

*** RSVP ***

**By: noon Monday,
January 10, 2022**

Register online:

<http://www.SanJoaquinGeologicalSociety.org/>

Pay online *or* at the door

**Our virtual lecture will
be held via Zoom.
Meeting link and
access code to follow!**

SJGS WEBSITE

<http://www.SanJoaquinGeologicalSociety.org/>

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Spotlight on Pluto

Presented by:

Briley Lewis

Abstract: Pluto, formerly the solar system's ninth planet, is more than just a ball of ice. In this talk, we'll set out on a grand tour of the Pluto system, focusing on its interesting and surprisingly active geology, showing what we've learned from NASA's New Horizons mission to Pluto. We'll also touch on New Horizons' other exploration of the Kuiper Belt (namely MU69!) and update on where the spacecraft is now. Hopefully this talk will prove to you that Pluto is an interesting object whether or not we call it a "planet"!

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**Biography:**

Briley is a Ph.D. Candidate and NSF Fellow at the University of California, Los Angeles studying Astronomy & Astrophysics. Her research focuses on how we can apply techniques from high-contrast imaging to a variety of (exo-)planetary science topics, such as debris disks, solar system objects, and characterizing giant exoplanets. She is excited about science communication — particularly science writing — and is a member of the Astrobites collaboration, a coordinator for the UCLA Planetarium, and an organizer for ComSciCon-Los Angeles. Briley is also the first in her family to pursue a doctorate, and has a passion for teaching, with an emphasis on evidence-based pedagogy and ways to create an inclusive and equitable classroom. You can almost always find her hanging out with her sweet rescue dog, Rocky. Follow her on Twitter @briles\_34 or visit her website [www.briley-lewis.com](http://www.briley-lewis.com).