School of Earth and Space Exploration
Arizona State University

August 2020

A message from our Director

Dear Friends,

Welcome to the Fall Semester 2020! In this month's newsletter we welcome our returning students as well as our first year and transfer students to the ASU community! We are so looking forward to our students continuing their academic journey of education and research at the School of Earth and Space Exploration.

We also welcome our newest faculty member this semester, Assistant Professor Katrina Bossert who brings expertise in heliophysics and space physics to our school. She is appointed jointly in the School of Mathematical and Statistical Sciences, and we are excited about the collaborative and transdisciplinary opportunities that this will offer. We are delighted to have Prof. Bossert join our faculty and I hope you all will have a chance to meet her in the near future as and when we can all get together again.

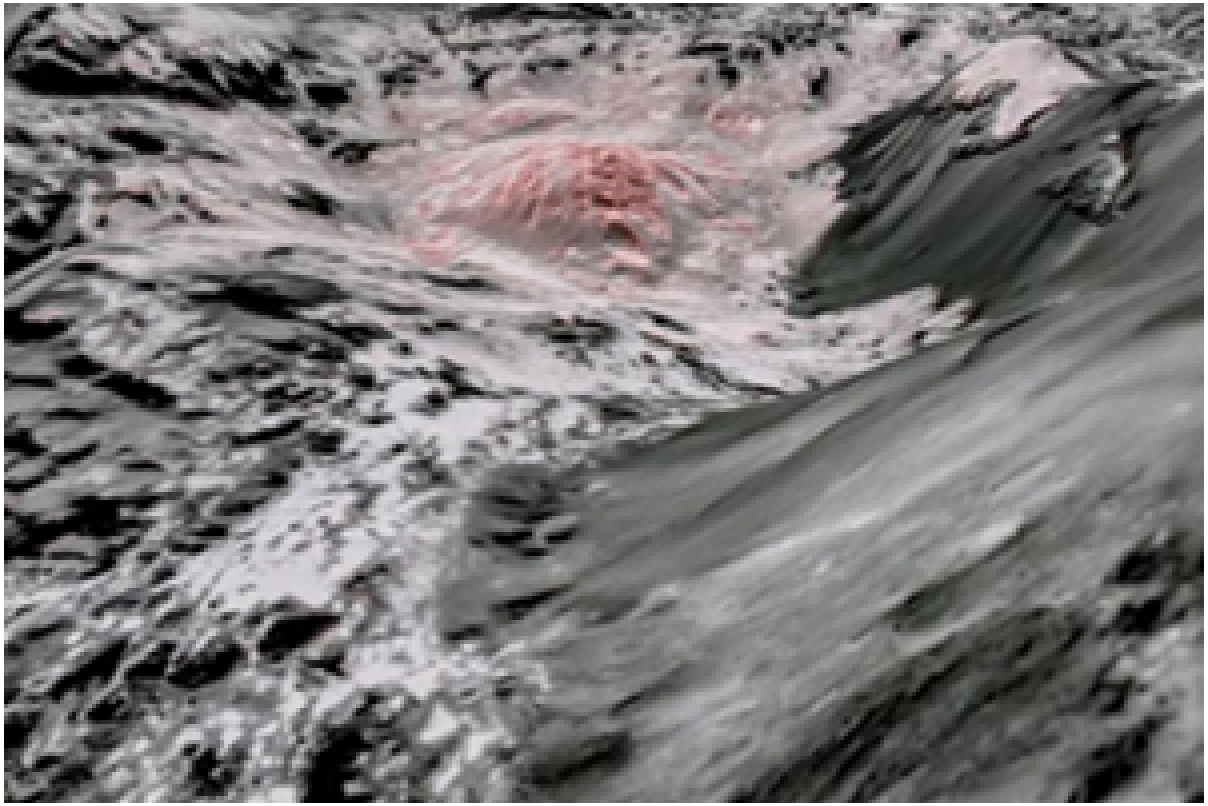
While this semester may look different than any before, one thing stays the same. Our faculty and staff are committed to supporting our students' successes whether it is remotely or in person. Together, we can be resilient and can face the challenges of these uncertain times. Above all, our biggest priority continues to be to help everyone in our community be productive and stay connected while keeping everyone safe and healthy. Keep yourself informed with the latest updates from the University on the COVID-19 webpage and the regularly updated COVID-19 FAQ page.

We hope you enjoy this newsletter featuring the latest school news, student successes, announcements and features. For more information on our research, events, students, faculty, and alumni, we've included links to social media at the end of this newsletter. Please follow us, share and retweet.

Be well and keep safe,

Mini Wadhwa

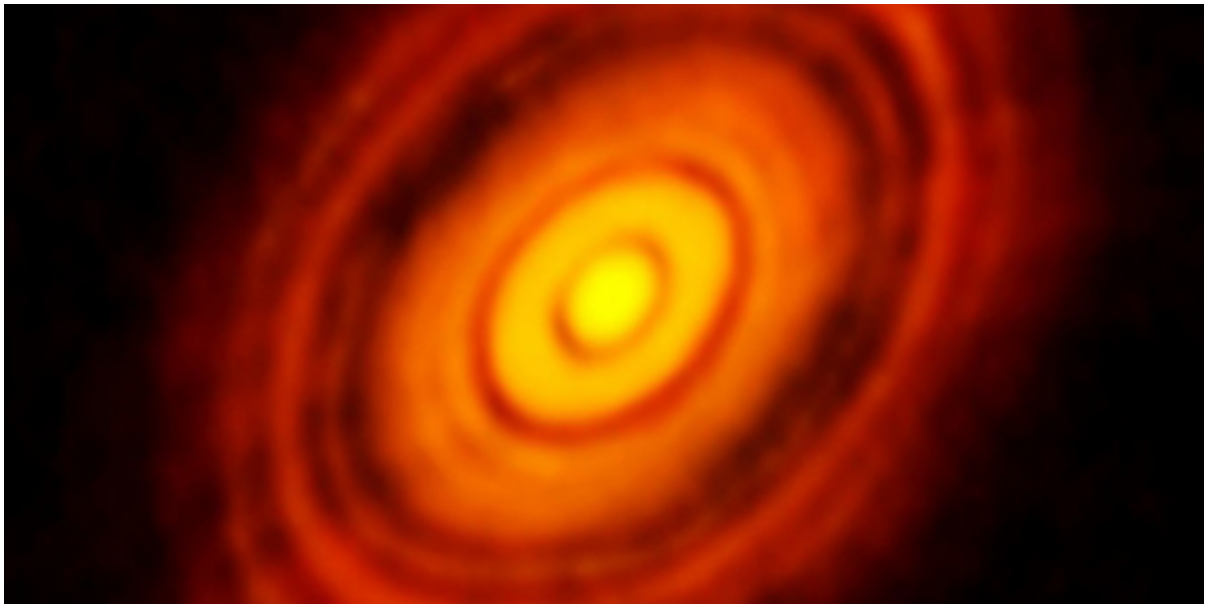
In the News



Mystery Solved: Bright areas on Ceres come from salty water underneath

Data from NASA's recent Dawn mission answer two long-unresolved questions: Is there liquid inside Ceres, and how long ago was the dwarf planet geologically active? By analyzing data collected at the end of the mission, Dawn scientists, including planetary scientist David Williams have concluded that the liquid came from a deep reservoir of brine, or salt-enriched water.

Read More



Fragments of Asteroids may have jumped the gap in the early solar system

Against the odds, a team of researchers including Devin L. Schrader and Jemma Davidson of ASU's Center for Meteorite Studies have found evidence in meteorites that tiny fragments of asteroids from the inner solar system crossed the Jupiter Gap into the outer solar system.

Read More

Early Mars was covered in ice sheets, not flowing rivers, new research shows

Postdoc Anna Grau Galofre and her team developed and used new techniques to examine thousands of Martian valleys and compared them to the subglacial channels in the Canadian Arctic Archipelago, uncovering striking similarities.

Read More

Announcements

Ariel Anbar awarded prestigious GSA medal

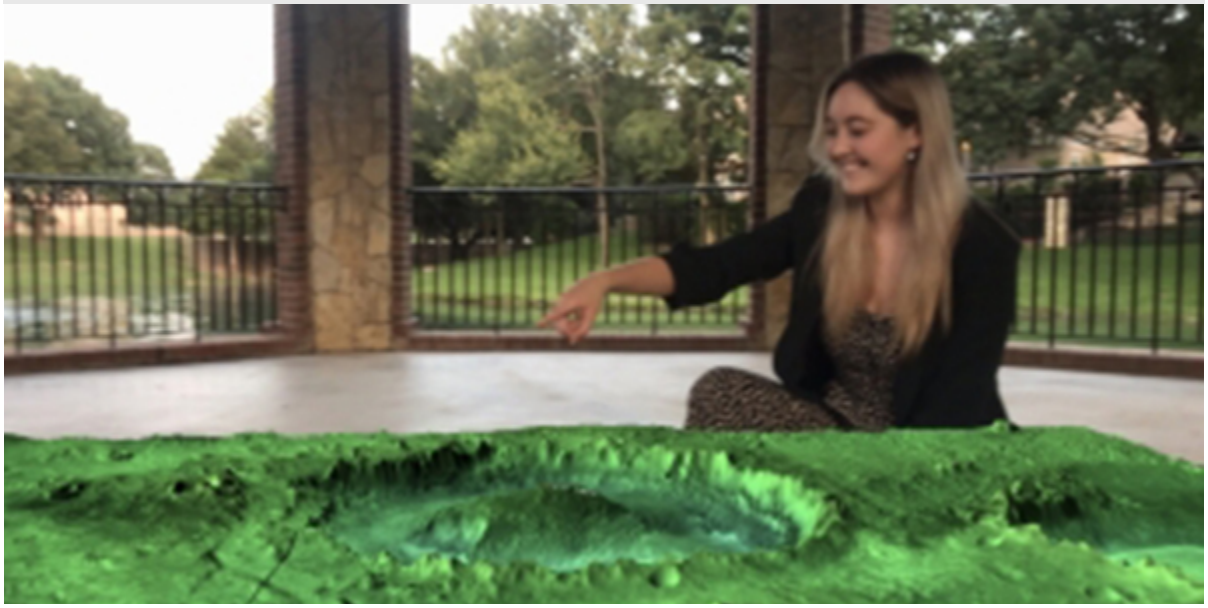
Congratulations to President's Professor Ariel Anbar, who has been awarded the 2020 Arthur L. Day Medal from the Geological Society of America, in recognition of his outstanding research contributions, mentoring generations of students, and vigorous promotion of science in the public sphere.

Read More

School launches 100% Online Astronomical and Planetary Sciences Degree

Beginning this fall 2020 semester, ASU and the School of Earth and Space Exploration are offering a new bachelor's degree in astronomical and planetary sciences,100% online. This trailblazing degree offers students the opportunity to learn about the latest discoveries in astronomy and planetary sciences from our leading faculty and researchers and will help students develop skills in complex problem-solving, critical thinking, and communication to prepare them for a range of careers.

Discover More



Create your own planetary adventure with ASU's new 3D terrain app

The Mars Space Flight Facility group teamed up recently with the Meteor Studio in ASU's School of Arts Media and Engineering to launch a new smartphone app called **JMARS AR Viewer**. Downloadable for free from Apple and Android stores, the JMARS AR Viewer allows users to virtually project planetary terrains from Mars, Mercury, Earth and the Moon (and other terrains available via JMARS) onto a physical environment.

Read More

COVID-19 Emergency Fund for Students

Help support our undergraduate and graduate students during the COVID-19 pandemic with the Student Emergency Assistance Fund. Your support and continued commitment to the School will help our students with their most urgent needs.

Give Now

Events

Virtual Night Sky

The Virtual Night Sky is a new series presented by the ASU Marston Exploration Theater team. Join us to learn about the planets and stars visible in the night sky from your own backyard!

Wednesday September 2 @ 7 p.m. AZ time

Space is limited - register in advance for this FREE Zoom webinar! For inquiries, please contact kim.baptista@asu.edu.

Register

Alumni Announcements

Alumni: Keep it current!

A special note to our Alumni to join us on Linkedin and update your contact info so you can receive the latest School and university news, exclusive career and professional development opportunities, unique ASU experiences, invitations to special events and much more!

Update Today