



December 2022

Dear Friends,

This month's newsletter is dedicated to our Fall 2022 graduates! We are so proud of our graduating students who have persevered and attained this incredibly significant accomplishment in their lives. Please visit our [Fall 2022 Graduates Webpage](#) where we've posted student features, including one on our Dean's Medalist, Enzo Carrascal Marquez.

And while the semester has ended, our exploration and discoveries will continue! I hope you enjoy this newsletter featuring the latest in research news and highlights.



I wish you all a restful and wonderful holiday season and a healthy and happy new year.

Be well and keep safe,

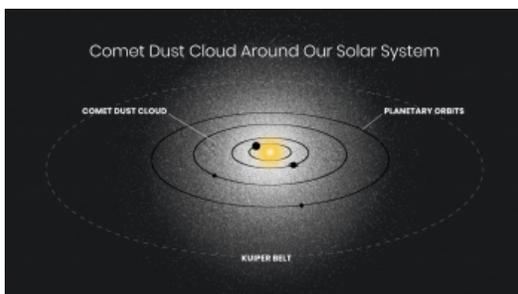
A handwritten signature in cursive script that reads "Meenakshi Wadhwa".

Meenakshi (Mini) Wadhwa
Director of the School of Earth and Space Exploration (SESE)

In the News

Fall 2022 Dean's Medalist

This fall, Enzo Carrascal Marquez will be graduating from ASU with a bachelor of science degree in geological sciences. He is the School of Earth and Space Exploration Dean's Medalist for fall 2022. [Read about our featured graduates](#)



Hubble detects faint 'ghost light' around our solar system with SKYSURF

ASU researchers joined an international team to analyze residual background glow in our solar system. Astronomers searched through 200,000 images and made tens of thousands of measurements from Hubble Space Telescope to

discover a residual background glow in the sky in an ambitious project called SKYSURF. This would be any leftover light after subtracting the glow from planets, stars, galaxies and from dust in the plane of our solar system, called zodiacal light. [Read more](#)

Mars Mastcam-Z: Picturing the unexpected on another planet



NASA's Mars 2020 Perseverance rover has snapped over 200,000 images since it landed on Mars in February 2021. On

board are two of the largest and most capable cameras, Mastcam-Z. ASU scientist and Mastcam-Z principal investigator Jim Bell discusses the rover's latest surprising discoveries. [Read more and watch the video](#)



Webb telescope PEARLS project unveils exquisite views of distant galaxies

The Prime Extragalactic Areas for Reionization and Lensing Science ("PEARLS") project is the subject of a

recent study by a team of researchers, including SESE Professor Rogier Windhorst, Research Scientist Rolf Jansen, Assistant Research Scientist, Seth Cohen, Research Assistant Jake Summers, and third-year astrophysics graduate student Rosalia O'Brien, along with the contribution of many other researchers. The PEARLS program's images of the earliest galaxies, unveil galaxies in unprecedented detail and depth. [Read more](#)

Alumni Announcements

New graduates: Join the ASU Alumni Association

As an ASU grad, you are an important and valued member of one of the strongest alumni networks in the country and around the world — half a million strong! As a recent grad taking the next steps in your personal and professional life, ASU is a powerful partner, each step of the way. Wherever you are, make the most of your career, family, activities and more. Join us on [LinkedIn](#), [update your contact information](#) and learn more about the [Alumni Association](#).

ASU School of Earth and
Space Exploration
Arizona State University



#1 in the U.S. for innovation
ASU ahead of MIT and Stanford
— U.S. News & World Report, 5 years, 2016–2021

This email was sent to cshappel@asu.edu.

To ensure future delivery, please add seseinfo@reply.asu.edu to your safe sender list or address book.

[Forward to a friend](#) | [Update Profile](#) | [Unsubscribe](#) | [View this email online](#)

This email was sent by: School of Earth and Space Exploration

PO Box 876004 Tempe AZ 85287-6004, United States