

# School of Earth and Space Exploration



Fact Sheet

## The Edge of Exploration

Our students acquire the tools and knowledge to answer the largest scientific questions in fields that include astrobiology and astrophysics, exploration systems design, and geological sciences. Our degree programs are designed to challenge students, to encourage critical thinking and scientific inquiry, and to inspire exploration.

## Support the School of Earth and Space Exploration

### Our school

6 undergraduate degrees    8 graduate degrees    9 student scholars    4 NASA Earth and Space Fellowships

### QUALITY + SIZE = STRENGTH

Our numbers fuel meaningful change

We teach 3,946 students in courses every year (fall 2016)



(each body represents 50 people)

Students (fall 2016)

**415**

undergraduates

**133**

graduates

Degrees granted (2015-2016)

**68**

bachelor's degrees

**16**

graduate degrees

Faculty (fall 2016)

**64**

total faculty

**51**

tenured and tenure track

"Your generous support helps us create a unique academic environment in which scientific discovery motivates the exploration of today, technological innovation enables the discoveries of tomorrow, and transdisciplinary learning prepares future generations of explorers."

**Lindy Elkins-Tanton**  
Director of the School of Earth and Space Exploration



# We're at the forefront of inquiry

as the intellectual powerhouse of the New American University



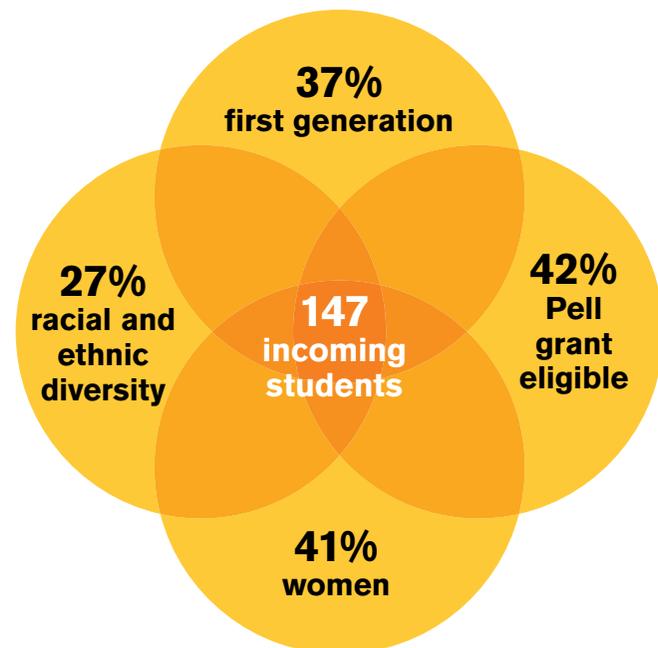
**ACCESS** + **EXCELLENCE** = **IMPACT**

Our school is driven by inclusion and diversity. At the intersection of access and excellence, we create opportunity.

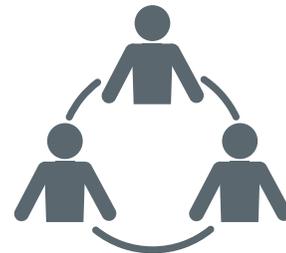
The edge of exploration: our research and teaching takes place in the field, in labs, and even on the surface of Mars

We combine the creative strengths of science, engineering, and education to set the stage for a new era of exploration.

**9:1** student to faculty ratio



The School of Earth and Space Exploration is committed to high-impact scientific discovery. We ask important questions with deep consequences as we explore the great unknowns of the Earth, our Solar System and the Universe beyond.



The interdisciplinary work of the School of Earth and Space Exploration brings together the brightest minds in astronomy and astrophysics, cosmology, geosciences, planetary sciences, exploration systems engineering and science education.

Our approach to research tears down the conventional divides, encouraging scientists to cross subject boundaries to pursue new understandings of our universe. Together, we answer the most significant questions about how our universe began and how it continues to evolve.



**Impact highlights our School has on Earth and space science:**



Leading space missions and designing instruments in our labs to study the origins of our solar system



Studying human impact on water resources, Arctic ice, and the effects of mining



Participating in more than a dozen NASA missions, exploring Earth, our solar system, and the universe



Maintaining and expanding the largest collection of meteorites at any university in the world



Discovering the history of star formation through cosmic time



Exploring volcanoes and testing advance warning systems for eruptions



Introducing over 10,000 K-12 students annually to Earth and space science



Bridging the communication divide between scientists and the public



Searching the Moon for water resources