

A collage of four images representing Arizona State University: a brick building on the left, a desert landscape with a red, white, and blue archway in the top center, an aerial view of a campus with a large circular building in the top right, and a modern glass-walled building on the right. The text is overlaid on the center of the collage.

Arizona State University  
Astrobiology Program

# **Education and Public Outreach**

A composite image of space featuring Earth, the Moon, a satellite, and a star trail. The Earth is in the foreground, showing blue oceans and white clouds. The Moon is in the background, showing its cratered surface. A satellite is visible in the upper left, and a star trail is in the upper right. The background is a dark space filled with stars.

## **EDUCATION:**

- Forums, colloquiums and seminars
- K-12 student / teacher training
- Astrobiology Certificate Program
- Biosphere 2 Astrobiology internship & courses
- NAI funding for students

A vertical image on the left side of the slide shows a view of space. At the bottom, the Earth is visible with a satellite in orbit. Above it, the Moon is shown. The background is filled with stars and a nebula-like glow.

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## **OUTREACH:**

- Web site
- Program office display area
- SEE ASU and Earth Science Day
- Challenger Learning Center flight simulator program
- NAI Minority Program
- Astrobiology Retreat

# Forums, Colloquiums & Seminars

- 10 colloquiums with an Astrobiology focus August '01 - April '02
- College of Liberal Arts & Sciences seminars
- NAI Director Seminars Series
  - ASU hosted first in the series (Dr. Paul Knauth)
- NAI graduate student videoforum series -  
Jason Raymond helped to organize

# K-12 Student / Teacher Training

- In collaboration with the ASU Mars Space Flight Facility Program
  - > remote training sessions for teachers and students utilizing the video conferencing equipment
- ASU Mars Program includes Astrobiology related topics in their training sessions



# Astrobiology Certificate Program

- Interdisciplinary Certificate in Astrobiology
- 21-semester- hour program
- Graduate students enrolled in a major that offers an advanced degree (such as: Geological Sciences, Chemistry & Biochemistry, Biology, Plant Biology and Microbiology)



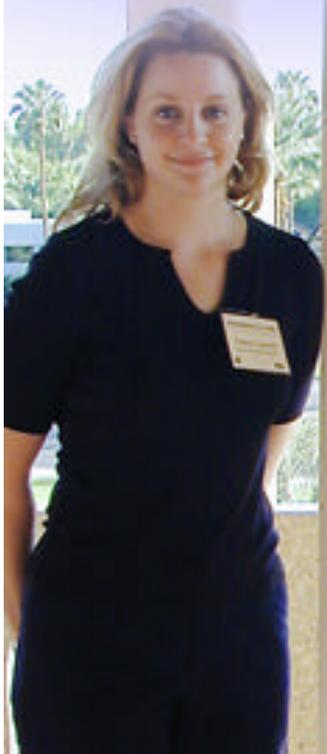
# Astrobiology Internship & Semester

- Dr. Jack Farmer is guest lecturer as part of Biosphere 2 new Astrobiology course
- Dr. Farmer has been discussing collaboration on a student internship with the Biosphere 2 as well as an Astrobiology semester



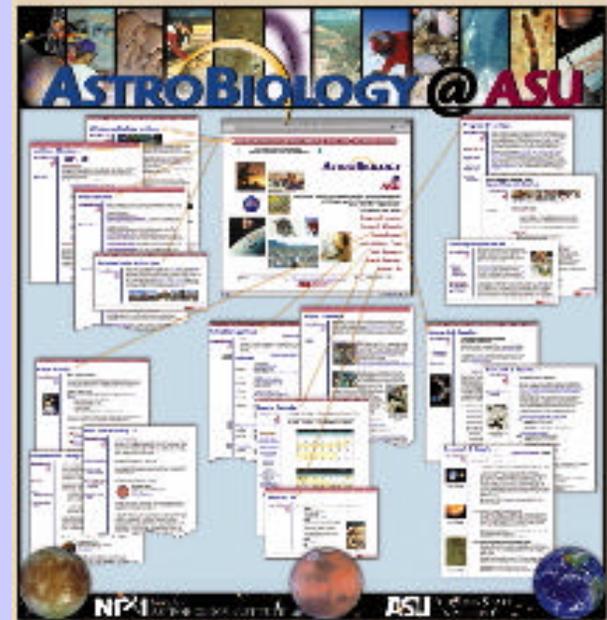
# NAI Funding for Students

- Students supported with NAI funds for at least 1 semester:
  - > Graduate Students - 44 total, 20 currently
  - > Research Scientists - 6 total, 5 currently
  - > Post Doctoral Fellows - 8 total, 7 currently
  - > Undergraduate Students - 8 total, 4 currently



# Astrobiology @ ASU Web site

- Detailed information for students, faculty & public
  - > [http:// astrobiology.asu.edu](http://astrobiology.asu.edu)
  - > detailed poster on display



# Program Office Display Area

- Newly installed bulletin boards and display cabinets
  - > large board for posting current publications from the research modules
  - > display cabinet will highlight research activities
  - > small bulletin board for notices, news clippings, education & employment opportunities
  - > 5 fixed picture frames for mounting posters



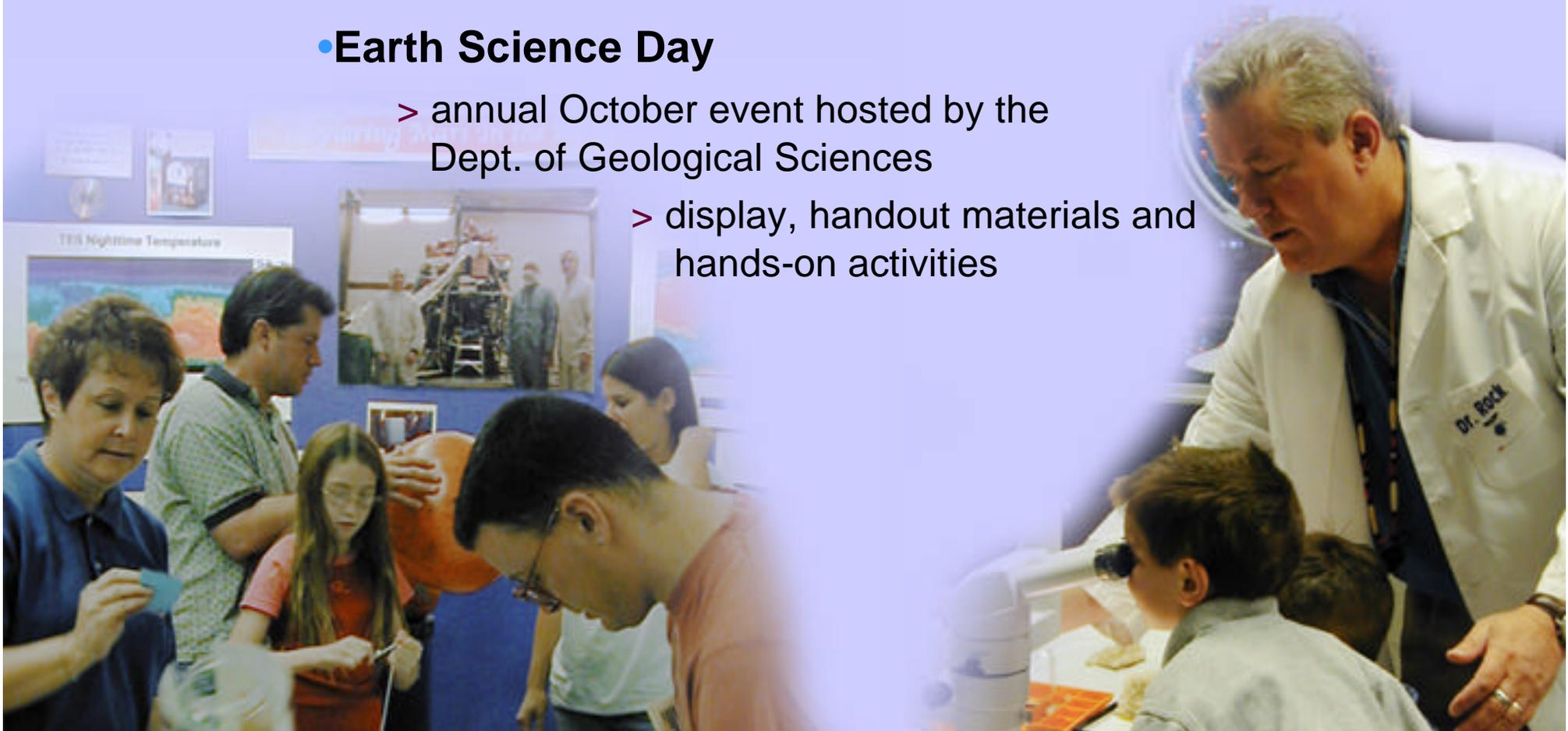
# SEE ASU and Earth Science Day

- **SEE ASU**

- > annual March event hosted by ASU for K-12 students, teachers and parents
- > display and handout materials

- **Earth Science Day**

- > annual October event hosted by the Dept. of Geological Sciences
- > display, handout materials and hands-on activities



# Challenger Learning Center

- ASU Astrobiology graduate students to present seminar to students participating in simulated space flight missions
- Help students relate their simulated flight experience to what Astrobiology scientists are presently investigating.





## NAI Minority Program

- Headed by Karen Bradford at NAI
- 7 ASU faculty have signed on to host a visiting minority sabbatical faculty

# Astrobiology Retreat

- Annual February event for ASU Astrobiology faculty, collaborators, students and staff
- 65 participants with 9 from other institutions
- Each module team presented highlights of the past years' research and focus for new year
- Year 4 overview of ASU Astrobiology program - Dr. Farmer
- Poster session

