

ESS 495 – Rocks and Stars (WA NASA Space Grant Seminar Series)

Meeting: Thursdays 2:30 – 3:20 in Johnson Hall, room 102

Web site: www.ess.washington.edu/Space/ESS495

Instructor: Dr. Erika Harnett

eharnett@ess.washington.edu

Johnson 267, 206-543-0212

Speaker List (subject to change)

March 29: Sarah Schmidt - University of Washington *Astronomy*
"Using Large Survey Data to Understand the Smallest Stars"

April 5: Dr. Ian Dobbs-Dixon - University of Washington *Astronomy*
"Atmospheres of Extra-solar planets"

April 12: Dr. Roger Myers – Executive Director *Aerojet Corporation*
"Electric Propulsion and Intergrated Systems Capture"

April 19: Deidre Lockwook - University of Washington, *Oceanography*
"Groundtruthing via container ship: Improving satellite-based predictions of ocean primary productivity"

April 26: Kristin Broms - University of Washington *Biology*
"How will climate change affect the ranges and movements of South African bird species?"

May 3: Dr. Roger Buick - University of Washington *Earth and Space Science*
"Earliest evidence for life on Earth"

May 10: Sarah Loebman - University of Washington *Astronomy*
"Inferring the existence of dark matter in galaxies: A survey of current observational constraints"

May 17: David Smith - University of Washington *Biology*
"The high life – Airborn microbes on the edge of space"

May 24: Dr. Wayne Lee – Jet Propulsion Laboratory
"Landing rovers on Mars"

May 31 (last day of class, NOT finals week): Final Quiz

In order to receive credit for the class, you must earn a passing grade on the final quiz. The questions on the quiz will be a subset of those provided by each speaker. You must download the questions for each week from the course web site. **Copies will NOT be made available in class after the first week.**