Venus Express Education Program
“The Unsolved Mysteries of Venus”

Third VEXAG Meeting
Crystal City, VA
January 11th, 2007

Rosalyn Pertzborn and Sanjay Limaye
University of Wisconsin-Madison
VEX E/PO Status Overview

- Public Outreach
- Formal Education
- Informal Education
- New Data/Animations for E/PO
- Summary
- Public Presentation developed and piloted (Limaye) – some revision underway for Co-I team usage (new animations)
- VEX Presentation at Brussels International School (Sept. 06)
- US Venus Express web site up and running:
  - [venus.wisc.edu](http://venus.wisc.edu)
    - US Co-I Team members pictures and biographies added – still need a few!
    - Messenger flyby animation (McNutt) to be added - details being finalized
Teacher/Scientist Workshop: EuroPlanets Conference in Berlin, Germany (September 2006) – “Mysteries of Venus” Learning Modules introduced (Brummfit & Pertzborn)

Teacher/Scientist Workshop: Belgium Institute for Research in Aeronomy (hosted by Norma Crosby)

AAPT/AAS presentation of Learning Module prototype in Seattle, WA (January, 2007)

- Modules are being piloted in Middle School Classroom (Waukesha, WI) by MS candidate at UW School of Education
  - Will provide evaluation of product in classroom context
  - Design student assessment tools
  - Support development of additional (advanced) module
  - Additional classroom pilots in Hawaii and Puerto Rico
“Small Museum Program” software to be updated with new data animations.

DPS Public Lecture Series: Venus Lecture by David Grinspoon (Oct. 06)

Explore Library Program “librarian resource kits” concept under revision

Kick-off Meeting for Nat’l Girls Collaborative (Jan 21, 2007) – Identify opportunities for Venus Express Resource utilization in programs targeting young women

“One Sky, Two Views” Cultural Conference, April 12-13, 2007
- Venus Theme very prominent in Native American culture
- Wisconsin Indian Education Assoc. Conference (April, 2007)
- “One Sky, Two Views” Middle School Textbook includes Venus Chapter
Venus Express E/PO: Real Data for Authentic Learning!
VEX E/PO Progress ongoing: “Showcase Data” from Co-I team for mature formal (as well as other) education products at this stage is key

Additional Opportunities to consider for Co-Is in FY-07:
- Formal Education: Summer Internships for High School students at Co-I institutions
  - Young women and underserved communities
- Informal Education: Museums, Libraries, etc.
- Public Outreach Local/Regional Presentations: Please Report these!