Undergraduate Research Programs

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Mid-Atlantic Regional Space Grant Meeting
November 3, 2011
Outline

• Affiliate Research Programming
  o Franklin & Marshall College
  o Gettysburg College
  o Penn State University – Abington

• Lead Institution Programming
  o Penn State University – University Park
Franklin & Marshall and Gettysburg Colleges

National Undergraduate Research Observatory

Left: NURO dome – Flagstaff, Arizona; Above: F&M students in NURO dome prior to observing.
Franklin & Marshall and Gettysburg Colleges

National Undergraduate Research Observatory

NURO control room

Students next to NURO telescope
Penn State – Abington

Abington College Undergraduate Research Activities

ACURA research team

Annual Poster Fair
Penn State – Abington

National Radio Astronomy Observatory Project

NRAO in Greenbank, WV
ACURA and NRAO by the numbers

60 Undergraduate Participants

47% Women

30% Minorities
Penn State – University Park

WISER/MURE/FURP

Women In Science and Engineering Research Minority Undergraduate Research Experience Freshmen Undergraduate Research Program
Penn State – University Park

WISER/MURE/FURP

Left: Molly Witter – Nicaragua;
Above: Madeline Boyer – China
Penn State – University Park

WISER/MURE/FURP by the numbers

69 Undergraduate Participants

83% Women

17% Minorities
PSGC Undergraduate Research

Questions?