



Pennsylvania Space Grant Consortium

Undergraduate Research Programs

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Pennsylvania Space Grant Consortium

Mid-Atlantic Regional Space Grant Meeting
November 3, 2011



Outline

- Affiliate Research Programming
 - Franklin & Marshall College
 - Gettysburg College
 - Penn State University – Abington
- Lead Institution Programming
 - Penn State University – University Park

Franklin & Marshall and Gettysburg Colleges

National Undergraduate Research Observatory



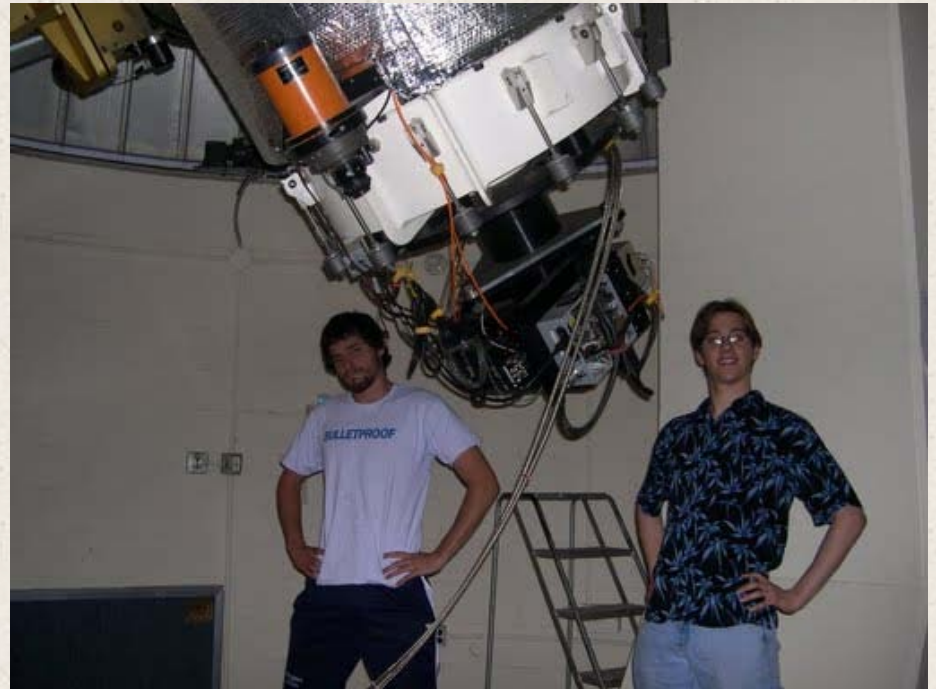
Left: NURO dome – Flagstaff, Arizona; Above: F&M students in NURO dome prior to observing.

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



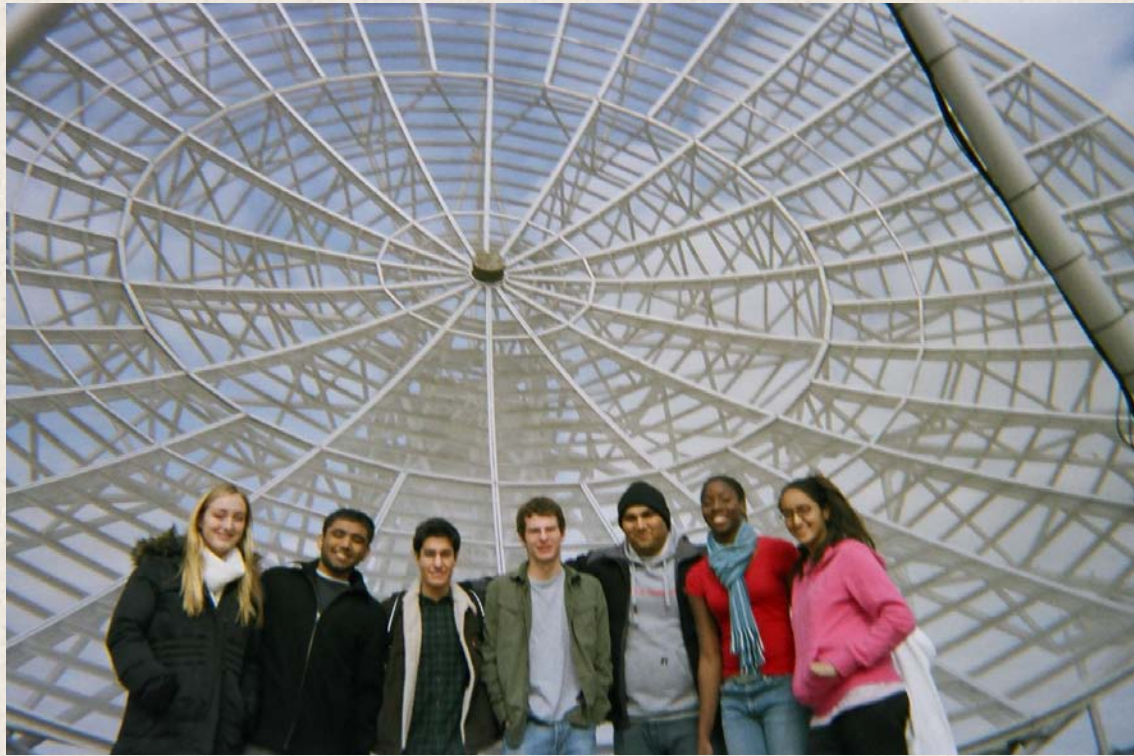
ACURA research team




Annual Poster Fair

Penn State – Abington

National Radio Astronomy Observatory Project



NRAO in Greenbank, WV



Penn State – Abington

ACURA and NRAO by the numbers

60 Undergraduate Participants

47% Women

30% Minorities

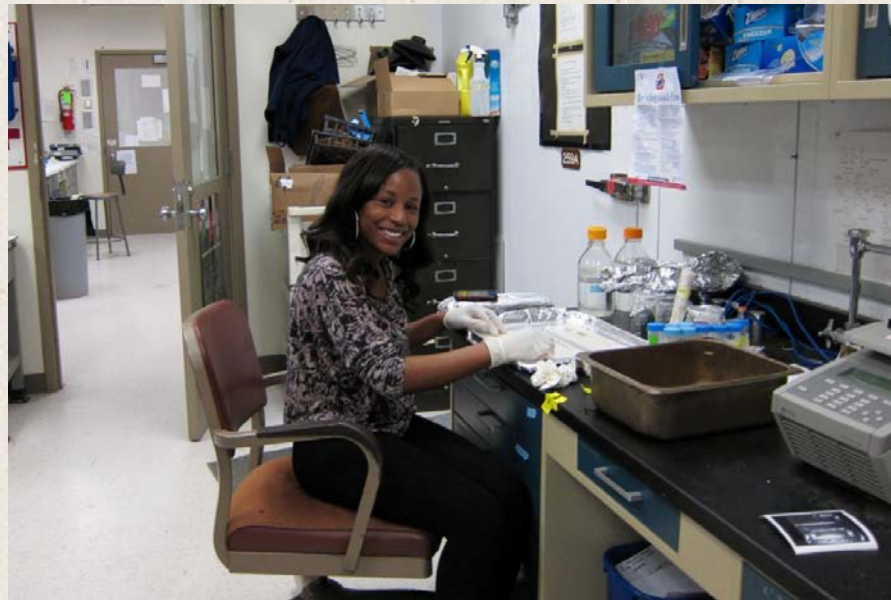
Penn State – University Park

WISER/MURE/FURP

Women **I**n **S**cience and **E**ngineering **R**esearch

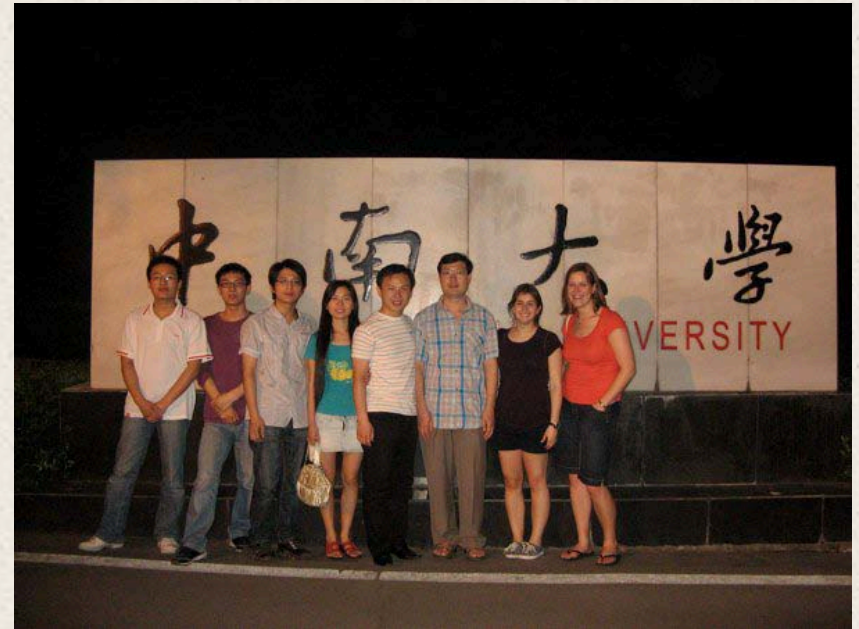
Minority **U**ndergraduate **R**esearch **E**xperience

Freshmen **U**ndergraduate **R**esearch **P**rogram



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?

