SCSU MU-SPIN Activities
Year 3 (2003-04)

Dr. Donald Walter, PI
South Carolina State University
February 19, 2004
NSIP Activities

- Sept. 2003, 5 teachers at 3 schools – Yes
- Jan. 2004 – None of the 5 competed
- 4 of the teachers stated they did not have enough time
- 1 teacher said the students in this year's class were not capable of the work
Competition: "My Planet Earth"
Laurel Rand     Grade: 2     Students:10
Nix Elementary   Orangeburg Cons. Dist. 5

Competition: "My Planet Earth"
Dalah Bryan      Grade: 3     Students:48
Nix Elementary   Orangeburg Cons. Dist. 5

Competition:
"Science and Technology Journalism: The Wright Quest"
Ansonia Nesmith Grade: 5     Students:55
Nix Elementary   Orangeburg Cons. Dist. 5

Competition:
"Science and Technology Journalism: The Wright Quest"
Melissa Rose    Grades:Multi   Students: approx.60
Mellichamp Elementary   Orangeburg Cons. Dist. 5

Competition: "Watching Earth Change"
Henry West      Physics     Individual Student Projects
Approx. 30 Students
Orangeburg High School   Orangeburg Cons. Dist. 5
Ms. Sherryl Peters  
Edisto High School; Cordova, South Carolina  
Course: Marine Science open to 10-11-12 graders

Possibly another teacher in the Air Force Junior ROTC program will want to use the materials

Both of the above use NASA materials on rocketry and space science

Information passed to K. Bender in early Sep 2003  
Reply in October 2003  
To date no contact from AQUAMISSION

Ms. Peters still interested, maybe this year, definitely next year
NASA Academy

- No Ames/Astrobiology because late end date
- Two possible SCSU candidates from NASA PAIR
- Application to GSFC: Ms. Chakila Tillie
  - Nuclear Engineering Major
  - 3.8 GPA
  - Research under PAIR
NASA Academy

- Application to GSFC: Mr. Jorge Munoz
  - UTEP
  - Physics Major
  - SCSU URIA Summer 2003
  - Applying REU around the country
Three planned participants
- Ms Arisha Conner       Clark Middle School   8th grade
- Ms. Sandra Watts      Carver-Edisto Middle 8th grade
- Ms. Barbara Glover    Felton Lab School    8th grade

All to use “Our Solar Neighborhood” in Mar 2004
- Conner and Watts to use their own school lab
- Glover to use SCSU MU-SPIN lab
Fall: Mars & Astrobiology
Fall: Conference/Symposium

- **MU-SPIN Space Science Cyber Conference** *(Left)*

- **Science Faculty Research Symposium** *(Right)*
SC Science Council Exhibit

Statewide Meeting – November 2004
July Strategy Session

- MU-SPIN/SERCH Joint Session on NASA & Space Science
- 13 participants
- Morgan St., Tennessee St., Texas Southern, SCSU, Talladega College, HCC, Virginia State, JPL, John Ford Middle School
- 1.5 days
- Talks–Brainstorming–Video w/ MU-SPIN
Space Science for Teachers

- MU-SPIN/OSS/SERCH
- 1-week intensive course
- Cover Space Science
- 2001-2003
- 29 teachers from SC
- Currently seeking alternate funding source
- Several teachers: “This is the best workshop I have ever attended!!”
Space Academy

- Space Science
- 6-8\textsuperscript{th} Graders
- 1998-2003
- 120 students
- MU-SPIN 98-01
- Teacher workshop
- MU-SPIN & IDEAS 02-03
- Residential last 2 yrs
- Future doctoral dissertation on students and career path
Astronaut Visit
LEVEL 1: Undergraduate Research Institute in Astrophysics (URIA) is an eight-week, residential course of study in astrophysics at SCSU for students who have little or no experience in space science. Only minority students from minority institutions are eligible.

LEVEL 2: Undergraduate Research Program in Astrophysics (URPA) is a REU-like program for students who have some previous research experience in space science. Students spend 10-12 weeks working with research scientists at one of the following sites: the Goddard Space Flight Center, Lawrence Livermore National Laboratory, Kitt Peak National Observatory, the Planetary Science Institute or the University of South Carolina. Only minority students from minority institutions are eligible.
URIA/URPA

- **URIA 2003**
  - 9 students

- **URPA 2003**
  - 4 students
  - LLNL, KPNO, USC, GSFC

- **URIA 1998-2003**
  - 38 first time students
  - 11/38 return a 2\textsuperscript{nd} or 3\textsuperscript{rd} summer

- **URPA 2001-2003**
  - 10 students
  - 8/10 from URIA
  - 5/10 in grad school
“This internship not only exposed me to a very diverse field, but is a valued stepping stone towards my future as an engineer. “

(Marcelite Jenkins, SCSU EET major, Fall 2003)