

MSSGC Affiliate:

A. Project Title:

B. Period of Performance:



C. Goals:

(1) To increase the knowledge of science in the general public (community). (2) To increase interest in Astronomy in the general public among people of all ages

D. Objectives:

(1) Two 2019-2020 Backyard Astronomy Programs will be presented by Mr. Bob Swanson, instructor of Astronomy at ICC (in November and April). Each program will have at least 100 people in attendance. As part of this program, the mobile planetarium from the University of Mississippi will be set up for all attendees to view.
(2) Evaluations given at the end of the program will show an overall approval rating of 4.5 or higher.

E. Alignment with MSSGC Objectives (Required):

Contributes to D1

F. Alignment with NASA Mission/Center Priorities (Required):

Contributes to the Science Mission Directorate (SMD) in the area of Planetary Science.

G. Project Description:

ICC will host 2 Backyard Astronomy Programs on our campuses for the general public. Bob Swanson, Instructor of Astronomy at ICC will be the presenter for the 2.0 hr presentation on current space technology, missions, and research. Following the presentation (weather permitting), telescopes will be set up for night viewing. Refreshments will be served in hopes of attracting more people. The program will be advertised on campus, in newspapers, and on TV. The University of Mississippi mobile planetarium will be set up for students to view during both programs. In November, the program will be held on the Tupelo campus and in April, the program will be held on the Fulton campus.

H. Budget:

Project Budget	FUNDS REQUESTED FROM NASA	NON-FEDERAL (Matching) FUNDS	TOTAL FUNDS
SALARIES		700	700
FRINGE			0
OTHER DIRECT (stipends, for example)			0
TRAVEL			0
SUPPLIES AND SERVICES	1000	500	1500
TOTAL Project Funds	1000	1200	2200

MSSGC Affiliate:

A. Project Title:

B. Period of Performance:



C. Goals:

Provide support for research opportunities for undergraduate students at Mississippi University for Women.

D. Objectives:

Provide one or more undergraduate research scholarships in a faculty led lab, project or class labs. The candidates will be selected by a committee composed of sciences/mathematics faculty, from qualified MUW sophomore and junior level sciences/mathematics majors to enable them to pursue research in their fields. Their achievement will be measured by submitting reports and giving presentations at departmental seminars or appropriate professional meetings, as scheduling allows.

E. Alignment with MSSGC Objectives (Required):

Contributes to A8, B1, B2, B3, B4, B5, and C1.

F. Alignment with NASA Mission/Center Priorities (Required):

Internships/scholarships are competitively awarded. Alignment with NASA Priorities will be determined based on the placement of the awardee in a faculty-supervised lab. The particular lab project will determine alignment with a NASA Priority.

G. Project Description:

One or more undergraduate research scholarships will be awarded, with preference given to students with a demonstrated record of motivation and high quality performance and a **career goal of post-baccalaureate work** in one of the sciences or mathematics. These scholarships will be awarded on the basis of academic achievement and will desire to work in a faculty-supervised lab. The number of research scholarships will be determined by the number and quality of applicants, and the amount of matching funds provided by host institutions.

Funds awarded as scholarship will be applied through financial aid, which may cover tuition, room and board, and other collegiate fees. The host institution may be MUW, since several MUW faculty members are currently involved in publishable research. Awardees are required to submit a final report of their research work and give presentations at departmental seminars or at appropriate professional meetings. By accepting this undergraduate research scholarship, students consent to attend one or more professional meetings, which may or may not occur after the semester for which their scholarship has been awarded.

H. Budget:

Project Budget	FUNDS REQUESTED FROM NASA	NON-FEDERAL (Matching) FUNDS	TOTAL FUNDS
SALARIES		700	700
FRINGE			0
OTHER DIRECT (stipends, for example)	6500		6500
TRAVEL			0
SUPPLIES AND SERVICES	1000	500	1500
TOTAL Project Funds	7500	1200	8700