The Mississippi Science Partnership (MSP) is a novel collaboration established in 1990 between the Mississippi Department of Education, Jackson State University (JSU), and Hughes Aircraft Corporation. By maximizing the assets of a state school system, a state university with a profound dedication to urban education and research, and a major corporation, the Partnership pioneered efforts in public-private investments in education. The Partnership’s vision is to improve the teaching and learning of mathematics and science throughout the state of Mississippi. It brings the latest results of learning research and state-of-the-art technologies into the classroom. As a part of its Science, Engineering, and Mathematics Outreach Programs (SEMOP), MSP has been organizing and implementing workshops for teachers for the past 22 years.

ATTENTION! We are seeking high school teachers. Applications may be completed online at:

http://www.jsums.edu/projectmast

Project MAST

Mississippi Science Partnership
Director: Mehri Fadavi, Ph. D.
Dept. of Physics, Atmospheric Sciences and Geoscience
www.jsums.edu/projectmast

Strategic Importance

JSU is among the leaders in the nation in producing African-American students who complete graduate degrees in the Science, Technology, Engineering and Mathematics (STEM) professions. Designated as a Carnegie Research Institution, JSU enrolls 1,800 students in the STEM disciplines and 1,700 in education out of a total population 9,100. The University’s College of Science Engineering and Technology (CSET), which houses MSP, works in conjunction with other JSU units, K-12 schools, and other institutions of higher learning, government, and private industry.

MSP

From Conceptual Understanding To Exemplary Practice In Science Education

Project Director Dr. Mehri Fadavi

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JSU - MSP
P. O. Box 17450
Jackson, MS 39217
601.979.2969

HIGH SCHOOL TEACHERS!!!
Don’t miss your chance to receive:
College Course Credit
Teaching Resources and Materials
Travel Stipends
Participation Stipends
ALL FREE!!!
Mississippi Academy for Science Teaching—Project MAST

Calling High School Teachers!!!

GOAL: Project MAST will improve teacher content knowledge and teaching efficacy through science inquiry in high school physics, physical, earth, and space science classrooms.

Funded by the National Science Foundation

Participation Benefits:

You will receive 6 hours of graduate credit through 2 courses:

SCI 583 – Operation Science for Teachers I (Physics, Physical Science and Space Science)

SCI 584 – Operation Science for Teachers II (Chemistry, Physical Science and Earth Science)

Schedule

SCI 583–Monday, June 1, 2015, 1:00 pm-5:00 pm –Orientation
June 2-12, 2015, Monday - Friday, 8:00 am-5:00 pm

SCI 584—June 15-20, 2015, Monday – Saturday, 8:00 am-5:00 pm
Sept. TBA, and Oct. TBA, 2015, Jan. TBA, Feb. TBA, and March TBA, 2016–8:00 am-5:00 pm

Guest instructors will provide diverse instruction and activities.

Project MAST evaluators will ask you for feedback to improve this worthwhile project through:

- completing surveys about your teaching background, content knowledge, attitudes about teaching and teaching practices at the beginning and end of SCI 583 and SCI 584
- distributing a survey to your students about their content knowledge and attitudes toward science
- permitting, if asked, evaluators to observe you teaching one or more of the lessons covered in the workshops
- permitting, if asked, evaluators to conduct short telephone interviews with you about your reactions to Project MAST
- completing, if asked, a survey about your teaching practices after MAST completion

You will receive:

- approximately $2,000 worth of instructional materials to use in your classroom
- memberships and conference travel stipends to MSTA and NSTA
- tuition for 2 graduate courses worth ~$2,000
- stipend of $4,000 total for successful completion of the program
- opportunity to compete to receive more instructional materials worth $1,000

Limitations:

- must participate in both courses and allow visits to schools
- must attend the entire MAST Summer Institute, and the five scheduled Saturdays in 2015-2016, between the hours of 8:00 am-5:00 pm. NO EXCEPTIONS!
- must be a teacher in grades 9-12 (preference will be given to teachers who have interest in teaching Physics, Physical Science, Chemistry, Earth Science or Space Science
- must agree to participate in the evaluation efforts for program improvement
- must have your principal sign a letter of commitment

Note: All information about you, your district, and your students will be kept confidential, and efforts to collect data will be as unobtrusive as possible.