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
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.

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

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.

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

Guest instructors will provide diverse instruction and activities.

Participants must demonstrate competency in both courses in order to successfully complete requirements.

Project MAST staff will visit each participating teacher’s school three times during the 2015-2016 school year.

• SkyLab Portable Planetarium demonstration for students
• I-Pod demonstration of how podcasts can assist students learning
• Classroom observation and mentoring of participant teachers implementation of instructional materials and strategies

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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

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