

# MSP

The Mississippi Science Partnership (MSP) is a novel collaboration established in 1990 among the Mississippi Department of Education, Jackson State University (JSU), and Hughes Aircraft Corporation. By maximizing the assets of a state



*From Conceptual Understanding To Exemplary Practice In Mathematics Education*

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 23 years.

**ATTENTION! We are seeking grades K-8 teachers. Applications may be completed online at:**

<http://www.jsums.edu/projectmast>



*Project Director Dr. Mehri Fadavi*

Mississippi Science Partnership  
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<http://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 9,300. 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.

Mississippi Science Partnership

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



**Mathematics Advancement in Teaching through Professional Development**

**Grades K-8 TEACHERS!!!**

*Don't miss your chance to receive:*

**College Course Credit  
Teaching Resources and Materials  
Participation Stipends**

**ALL FREE!!!**



# Mathematics Advancement in Teaching through Professional Development—*Project MAT-PD<sup>2</sup>*

*Calling Grades K-8 Teachers!!!*



**GOAL:** Project MAT-PD will improve teacher mathematics content knowledge and teaching efficacy in upper elementary and middle school mathematics classrooms.



## Schedule:

June 5-17, 2017, Monday - Saturday, 8:00 am-5:00 pm

Sept. TBA, and Oct. TBA, Nov. TBA, 2017 and Feb. TBA, 2018--8:00 am-5:00 pm

## Project Components:

Guest instructors will provide diverse instruction and activities.

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

Project MAT-PD<sup>2</sup> staff will visit each participating teacher's school three times during the 2017-2018 school year.

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

## Evaluation:

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

## Evaluation (*continued*):

- completing surveys about your teaching background, content knowledge, attitudes about teaching and teaching practices at the beginning and end of the program
- distributing a survey to your students about their content knowledge and attitudes toward mathematics
- 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 MAT-PD<sup>2</sup>
- completing, if asked, a survey about your teaching practices after MAT-PD<sup>2</sup> 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:

- instructional materials valued at approximately \$500
- 12 continuing education units (CEUs)
- stipend of \$1600 total for successful completion of the program

## Limitations:

- must attend the entire MAT-PD<sup>2</sup> Summer Institute, and the four scheduled Saturdays in 2017-2018, between the hours of 8:00 am-5:00 pm. **NO EXCEPTIONS!**
- must be a teacher in grades K-8
- must agree to participate in the evaluation efforts for program improvement
- must have your principal sign a letter of commitment and allow visits to schools