

Announcing AMANTISS

(Advancing Mentor and Novice Teachers In Space Science)

Offered by the Lawrence Hall of Science at the University of California at Berkeley,
The Space Sciences Laboratory at UC Berkeley
and the University of Wyoming CAPER Team

This NASA-funded professional development opportunity is designed for teachers who:

- supervise student teachers AND teach middle school Space/Earth Science content
- want to improve their skills as a mentor and learn how to more effectively prepare novice teachers for the classrooms of the 21st century
- are looking for high-quality, inquiry-based curriculum that supports their efforts to better prepare pre-service teachers

The goal of the AMANTISS Project is to provide support to supervising mentor teachers as they introduce their pre-service student teachers to quality hands-on, inquiry based science instruction.

The AMANTISS Project provides:

- summer professional development for supervising teachers on best practices in mentoring pre-service student teachers in space science, August 10-12, 2010 at the Lawrence Hall of Science in Berkeley, California
- a supportive network of other supervising teachers
- curriculum materials for supervising teachers to keep in their own classrooms
- travel expenses to attend the 2012 NSTA Conference joining other AMANTISS teachers, plus a \$300 stipend for their final year of participation
- quality inquiry-based curriculum materials for their pre-service teachers to take to their future classrooms

AMANTISS participants are selected by application and must be willing to commit to full involvement in this exciting 2-year project.

Requirements of selected participants:

1. must be a supervising (mentor) teacher for a pre-service student (novice) teacher in their charge.
2. attend the mandatory summer institute, August 10-12, 2010 at Lawrence Hall of Science in Berkeley, California
3. commit to teaching the *GEMS Space Science Sequence for Grades 6-8* in its entirety while guiding their student teacher(s) through the use of these materials during the 2010-2011 and 2011-2012 school years.
4. commit to participation in the evaluation component of the project, which may include surveys, site visits, and pre-post questionnaires.
5. must be willing to remain involved over the life of this 2-year project, with a culminating trip to the National Science Teachers Association Conference in March of 2012 where they will be a part of a Symposium sharing lessons learned throughout the life of the project. A stipend of up to \$1,250 to cover travel costs to attend the conference will be provided.

In Year One of this two-year project, selected participants will receive:

- print and kit materials for the *GEMS Space Science Sequence for Grades 6-8* (a \$1,000 value)
- print and kit materials for the *GEMS Space Science Sequence for Grades 6-8* for their student teachers to keep
- a 3-day professional development session in the summer (August 10-12, 2010) designed to:
 - a) prepare them for full implementation of the *Space Science Sequence* and
 - b) offer new strategies for supporting student teachers
- travel expenses paid to attend the August 10-12, 2010 training
- the opportunity to earn graduate credit and/or continuing education credit (at participant's own expense)
- ready access to the AMANTISS team during the life of the project to support their ongoing participation

If you are interested in participating in this exciting project, please complete the application below.

An informational flyer can be found at: <http://lhsgems.org/AMANTISS.html>

For more information, please contact:

Laura Tucker ltucker@berkeley.edu or Traci Wierman twierman@berkeley.edu
360/379-5235 510/642-2014

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AMANTISS Project Mentor Teacher Application

Name _____

School _____ District _____

School e-mail: _____ School phone: _____

School mailing address: _____

Summer contact information:

Home e-mail: _____ Home phone: _____

Home address: _____

How many years have you been teaching middle school science? _____

What grade levels do you teach? _____

Do you anticipate teaching the same grade level(s) over the next two years? _____

How long have you been at your current school? _____

Do you plan to remain at this school for the next two years? _____

What is your school/district percentage of students on free and reduced lunch? _____

On a separate page, please describe experiences you have had working with new teachers (master teacher for student teachers, coach, duties as department chair, BTSA coach, etc.)

I have read the AMANTISS information above and agree to the conditions of the project:

- attend and fully participate in the training August 10-12, 2010 at the Lawrence Hall of Science
- host a student teacher for at least one semester in each of the next two years
- teach the *GEMS Space Science Sequence for Grades 6-8* in my class when the student teacher is with me
- participate in AMANTISS evaluation and data collection
- attend the NSTA national conference in March, 2012 in Indianapolis, IN

Applicant Signature

Date

As the principal at _____ School,
where _____ is a middle school science teacher, I
support this applicant's participation in the AMANTISS Project. I recognize that
participation will require this teacher to teach Earth/Space science content and have a
student teacher placement with this classroom teacher over the next two years.

Principal Signature

Date

Principal Name

Please mail this application to:

Laura Tucker - GEMS
Lawrence Hall of Science #5200
University of California, Berkeley 94720-5200

Or you can email or FAX to:

Email: ltucker@berkeley.edu
FAX: 360/379-5509