

TEACHER/SCIENTIST INSTITUTE

June 21 - 26, 2009—Louisiana and Alabama
The Institute is held in each state, on the same dates



In-service and pre-service teachers of grades 4-12 will join research scientists from Alabama, Florida, Louisiana, Mississippi and Texas for this course, which includes five days in residence for field activities in either Alabama or Louisiana, and 10 days of distance-learning during July. The content focus is coastal processes, habitats and organisms, and marine technology.

The COSEE:CGOM staff will group participants into cooperative educational teams, each of which includes both teachers and researchers. Teammates will work together, each providing their own experience, thus enabling teachers to learn how researchers conduct science and scientists to learn how teachers communicate concepts

and skills to facilitate student learning. Participants will explore salt marshes, collect data aboard a research vessel, visit islands, and more!

Teachers are requested to apply by May 31, 2009. Notification of acceptance will begin April 15.

The grant provides room and board, a wealth of ocean sciences education materials, and instruction. Participants who satisfactorily complete requirements for the course will also receive a \$500 stipend. Louisiana teachers will earn 45 CLUs.

The Teacher/Scientist Institute will:

- Transport teachers to the field to learn topics in ocean and coastal sciences.
- Build relationships among scientists and teacher participants.
- Facilitate knowledge transfer from scientists to teachers and from teachers to scientists.
- Promote student-active and field-based learning strategies.
- Facilitate broad implementation of experience-based curricula into the classroom.

A complete application includes:

- 1.) Resume – two-page maximum
- 2.) Letter explaining your interest – two-page maximum
- 3.) Letters of recommendation (2) from Principal and other educational professional from your district (In-service teachers), or Advisor and previous course instructor (Pre-service).



For additional information, please contact:

Louisiana

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Alabama

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COSEE:CGOM TEACHER/SCIENTIST INSTITUTE APPLICATION

Name: _____

Address: _____

City, State, and Zip: _____

Home Phone Number: _____ E-Mail Address: _____

School: _____

School Address: _____

City, State, and Zip: _____

School Phone Number: _____ Grade Level you currently teach: _____

Courses you currently teach: _____

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Please circle your answers to the following questions:

- | | | |
|--------|---------|--|
| Inland | Coastal | 1.) Do you teach at an inland or coastal school? |
| Yes | No | 2.) Do you currently teach any marine sciences in your curriculum? |
| Yes | No | 3.) Are you willing to spend five days in residence for the field component and 10 days online for the virtual component of the course? |
| Yes | No | 4.) Are you willing to work and learn "side by side" with a scientist? |
| Yes | No | 5.) Are you currently a computer user? |
| Yes | No | 6.) Are you an Internet user? |
| Yes | No | 7.) Do you have Internet access in your school? |
| Yes | No | 8.) Are you willing to enroll in a three-semester hour graduate course? |
| Yes | No | 9.) Will you commit to conducting a minimum of one, peer workshop based on your work within the academic year following your institute participation? |
| Yes | No | 10.) Will you commit to submitting an article to a national teacher's journal or presenting your work at a state, regional or national teacher's conference? |
| Yes | No | 11.) Will you use the support materials you are given in your classroom, and share the materials with peers? |
| _____ | | 12.) OPTIONAL: Please list ethnic association (Caucasian, African American, Hispanic, Native American, other...) |
| _____ | | 13.) OPTIONAL: Please list your gender. |
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Note: The five-day "face to face" portion of the Summer Institutes involves much time outdoors in extreme temperatures. Activities may include hiking distances of one mile and snorkeling.

Applicant's Name

Applicant's Printed Signature

I support this teacher's participation in the COSEE: CGOM Institute, which focuses on ocean sciences and partnerships among teachers and sciences. I understand the commitments required of teachers and my school district as outlined above.

Signature of Principal (in-service) or Advisor (pre-service)

Printed Name

Signature of other educational professional or instructor

Printed Name

The COSEE:CGOM is funded by the National Science Foundation in cooperation with the U.S. Navy, The University of Southern Mississippi, the Dauphin Island Sea Lab, Loyola University of New Orleans, the University of Florida/Florida Sea Grant College Program, and Mississippi State University.