

NORTHERN CALIFORNIA GEOLOGICAL SOCIETY



NORTHERN CALIFORNIA GEOLOGICAL SOCIETY and AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

2011-2012 K-12 EARTH SCIENCE TEACHER OF THE YEAR AWARD

\$750 Northern California Geological Society
\$500 Pacific Section AAPG
\$5,000 National AAPG

Call for Nominations for 2011 - 2012 NCGS Competition

The Northern California Geological Society (NCGS) is seeking applications from candidates in Northern California for the 2011 - 2012 Earth Science Teacher of the Year Award. The \$750 NCGS award is intended to recognize pre-college earth science programs already in place, and to encourage their organization in districts where they have not been fully developed. Nominations of qualified K-12 teacher candidates are solicited from teachers, school administrators, teacher outreach programs, and other interested parties. The NCGS award will be announced February 2012.

The NCGS awardee's application will be submitted to a regional competition sponsored by the American Association of Petroleum Geologists (AAPG) Pacific Section. The Pacific Section winner will receive a \$500 award at the Pacific Section regional meeting in Long Beach, CA, April 2012, plus up to \$250 toward meeting expenses. The regional winner's project will be submitted to AAPG headquarters for the national contest. The national award winner will receive an expense-paid trip to attend the AAPG meeting in Pittsburgh, PA, May, 2013.

At the national level, the AAPG Foundation presents an annual \$5,000 award to a K-12 teacher for *Excellence in the Teaching of Natural Resources in the Earth Science*. The award recognizes balanced incorporation of natural resource extraction and environmental sustainability concepts in pre-college Earth science curricula. It includes \$2,500 to the teacher's school for the winning teacher's use, and \$2,500 for the teacher's personal use.

The deadline for application submittal by candidates for the \$750 NCGS award is Monday, January 16, 2012.

Interested candidates or nominators can request Application Information and an Entrant Application Form, or submit an application, by contacting:

Paul Henshaw
Chair, K – 12 Geosciences Education Committee
Northern California Geological Society
6 Rachel Ranch Court
Clayton, CA 94517
(925) 673-8745

candphenshaw@comcast.net

**Application Information for
2011-2012 NCGS Earth Science Teacher of the Year Award**

Requirements:

1. Minimum of three years full-time teaching experience at any level K-12.
2. Teaching an Earth Science program including at least one unit per year that deals with natural resources. Natural resources are defined as earth materials used by civilization past and present such as:
 - a. Organic materials found in the Earth such as petroleum, natural gas, coal and oil shale.
 - b. Inorganic materials found in the Earth including minerals, ores, building stone, and aggregate.
 - c. Geothermal energy and water resources.
3. Teaching should include the scientific study of these resources, their origin, discovery, extraction, and historic and present use. It should also include a balanced presentation of environmental protection, reclamation, and resource conservation issues, and the use of earth science knowledge in decision making.
4. Entries should include the teacher's philosophy of teaching natural resources (both content and pedagogy), a description of the unit and two letters of recommendation. One letter should be from a colleague and one from an administrator.
5. Unit will be evaluated on depth and breadth of concepts (resource origin, discovery, processing, usage and reclamation), creativity of presentation and balanced treatment of information regarding societal need and environmental issues, relative to appropriate grade level. Please include the length of the unit.

Entry Guidelines:

All documents must be provided and signatures are required on the cover sheet. Single or double spaced lines on one side only. All decisions of the judging panels are final.

Please review the following checklist prior to submitting your application:

- Cover sheet with original signatures.
- Teaching philosophy for natural resources, separate from unit description (up to 2 pages).
- Description of unit including unit objectives and relationship to overall science program (2 to 3 pages).
- Two letters of recommendation (1 page each).

Do not submit multimedia such as videotapes, computer disks, photos, photo albums, or posters unless requested.

Important Notice:

All entries must be received no later than January 16, 2012. Electronic entry forms will be accepted in pdf format. Membership in AAPG is not required for entry.

Entrant Information Cover Page
2011-2012 NCGS Earth Science Teacher of the Year Award
AAPG Excellence in the Teaching of
Natural Resources in the Earth Sciences

Print or type all information:

Name _____ School _____

School Address _____

City _____ State _____ Zip Code _____

Home Address _____

City _____ State _____ Zip Code _____

Telephone Numbers (home) _____ (work) _____ (fax) _____

E-mail _____

Current position and grades taught _____

Number of years in teaching _____ Other subjects taught _____

Degree and year _____ School _____

The above information and information contained in this entry is, to the best of my knowledge, true and correct. I understand that \$2,500 of the award will be made to my school for use under my direction only. I also understand that \$2,500 of the award will be made directly to me and that I am responsible for all taxes due as a result of this portion of the award. If I am selected as a winner, I hereby give my consent to use my name and photograph for publicity purposes only.

Signature _____ Date _____

The above information and information contained in this entry is, to the best of my knowledge, true and correct and represents the teacher's current assignment. I understand \$2,500 of the award will be made to the above named school for use only under the direction of the above named teacher. I also understand that \$2,500 of the award will be made directly to the above named teacher and that neither my school nor I is responsible for taxes due as a result of this award. Release time will be given to the above named teacher to attend the award ceremony if selected.

Administrator _____ Position _____ Date _____

Entries must be received by January 16, 2012.

Attach this form to the top of your entry. Mail original entry and two copies to:

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