

# NORTHERN CALIFORNIA GEOLOGICAL SOCIETY



## NORTHERN CALIFORNIA GEOLOGICAL SOCIETY and AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

### 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 the Year 2004 NCGS Competition**

The Northern California Geological Society (NCGS) is pleased to announce that it will accept applications from candidates in the Northern California region for the Year 2004 competition for the 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.

NCGS has joined with the American Association of Petroleum Geologists (AAPG) Foundation in presenting a \$5,000 national award, to be given to a K-12 teacher for *Excellence in the Teaching of Natural Resources in the Earth Sciences*. 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 award will be given at the 2005 AAPG Annual Meeting in Calgary, Alberta, Canada.

*The deadline for application submittal by candidates for the \$750 NCGS award is Friday, February 13, 2004.*

The NCGS awardee's application will be submitted to a regional competition sponsored by the AAPG Pacific Section. The Pacific Section winner will receive a \$500 award at the Pacific Section regional meeting in Bakersfield, California, in May, 2004, plus up to \$250 toward meeting expenses and enrollment in the AAPG short course for earth science teachers, *Rocks in Your Head*. The regional winner's project will be submitted to AAPG headquarters for the national contest. The national winner will receive an expense-paid trip to Calgary in 2005 to attend the national meeting and receive the award.

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

**John Stockwell, Chair, K-12 Geoscience Education Committee**  
**Northern California Geological Society**  
1807 San Lorenzo Avenue  
Berkeley, California 94707-1840  
Tel: (510) 526-5346  
e-mail: kugel@msn.com

## **Application Information for Earth Science Teacher Award**

The American Association of Petroleum Geologists (AAPG) Foundation will award \$5,000 at the 2005 AAPG Annual Convention in Calgary to an individual teacher *for excellence in the teaching of natural resources in the earth sciences*. The award will include \$2,500 for use under the teacher's supervision for educational purposes and \$2,500 for personal use by the teacher. Also included will be an expense-paid trip to the 2005 Calgary convention to receive the 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 of typed, ink jet, or laser quality printing required. All decisions of the judging panels are final.

Please note the checklist below:

- Cover sheet with original signatures.
- Teacher's philosophy of the teaching of 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 February 13, 2004. Facsimile and other electric entry forms will not be accepted. Membership in AAPG is not required for entry.

Entrant Information Cover Page

**AAPG \$5000 Award for 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 February 13, 2004**

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

**John Stockwell, Chair, K-12 Geoscience Education Committee  
Northern California Geological Society  
1807 San Lorenzo Avenue  
Berkeley, California 94707-1840**

kugeln@msn.com