I) About the Richard E. Moore Scholarship

Thank you for your interest in the R.E.M. Scholarship! The scholarship was established in the spring of 2012 and the first award will be made this year at the ACS Hawaii Annual Awards dinner (May 2013). The purpose is to award deserving and promising young scientists interested in a chemistry related career from the state of Hawaii and facilitate their future educational endeavors. The award is named for renowned natural products chemist Richard E. Moore (please see biography of Richard E. Moore below). One award will be made each year for $1000.

II) Who is eligible?

High school seniors currently attending school in the state of Hawaii, who intend to major in a chemistry related field and will be attending a four or two year college or university during the 2013-2014 academic year.

Acceptable College Majors:

III) Application Instructions

Please scan and send the following application materials to acshawaiitreasurer@gmail.com by March 30th, 2013:

- Application Form (see below)
- High School Transcript
- Letter of recommendation (preferably from a teacher or someone who can speak to your academic potential- Letters should be sent directly from author).
- Educational/Career Plan (word processed – 250 word maximum):
  *Please briefly discuss your educational and ultimate career plan*
- Essay (word processed - 500 word maximum):
  *Why is chemistry relevant to the world?*
Richard E. Moore

Richard Elliott Moore was born in San Francisco in 1933 and received his B.S. and M.S. degrees from the University of San Francisco in 1957 and 1959. He received his Ph.D. at the University of California – Berkeley, working in the Rapoport laboratory. From there he took a post-doctoral position in Paul Scheuer’s lab at the University of Hawaii-Manoa where he subsequently joined the faculty in 1966. Moore pursued a wide range of interests from studying the odoriferous compounds of seaweed to cultivating cyanobacteria for the purposes of isolating and elucidating the varied and fascinating structures of their secondary metabolites as well as producing quantities sufficient for pre-clinical evaluation. His body of work spanning over 40 years produced 300 publications and more than 100 patents. This work also led to the identification of many natural products and families of natural products which are iconic within both the isolation and the synthesis communities. These include the oscillatoxins, debromoaplysatoxin, lyngbyatoxin, malyngamides, malyngolide, hapalindoles, scytophycins, tolytoxins, fischerindoles, tantazoles, and the cryptophycins. In 1971, he and Scheuer revealed the isolation of one of the most complex and toxic natural products ever reported—palytoxin. Moore would dedicate 20 years to the successful structure and stereochemical elucidation of this mammoth molecule. When one thinks of the notable chemists from the State of Hawaii, Richard E. Moore is at the top of the list. He and former colleague Paul Scheuer are the individuals primarily responsible for establishing an internationally recognized reputation and legacy of natural products research within the state. This legacy lives on in Hawaii where natural products continue to be a focus of research.

Please note, awardees of the R.E.M. Scholarship will be asked to allow the use of their name and pictures for future ACS Hawaii announcements and newsletters etc.
ACS Hawaii, Richard E. Moore Scholarship Application Form

Last Name:______________________________________________

First Name:______________________________________________

Mailing Address:

Street:________________________________________________________________________

City:____________________________State:______________Zip:______________

Daytime Telephone:___________________________email:___________________________

Date of Birth: ______________________

Current High School & City________________________________________________________

SAT Scores, Math:__________ Critical Reading:__________ Writing:__________

Planned College Major__________________________________________________________

Intended University or College (It is okay if this changes):
____________________________________________________________________________

(Note if you are awarded a scholarship, proof of enrolment in a college or university will be required before receipt of award)

List Any Academic Honors or Achievements:
____________________________________________________________________________

____________________________________________________________________________

List Any Community Service, Hobbies, Extracurricular Activities
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Signature_________________________________________Date____________________