



State of Connecticut

2011 MEDAL OF SCIENCE

CALL FOR NOMINATIONS
DUE MARCH 1, 2011



State of Connecticut
Department of Higher Education



THE STATE OF CONNECTICUT IS PLEASED TO SOLICIT NOMINATIONS FOR THE 2011 MEDAL OF SCIENCE

The Medal of Science is Connecticut's highest honor for scientists and engineers. It is designed to recognize extraordinary achievements in scientific fields crucial to Connecticut's economic competitiveness and social well-being.

Modeled after the National Medal of Science, this award is bestowed by the Governor in alternate years with the Connecticut Medal of Technology.

To date, Connecticut Medalists are:

- H. Joseph Gerber, Medal of Technology
- Frederick M. Richards, Medal of Science
- Charles H. Kaman, Medal of Technology
- Ronald R. Coifman, Medal of Science
- Anthony J. DeMaria, Medal of Technology
- William C. Stwalley, Medal of Science
- Gene Banucci, Medal of Technology
- Michael P. Snyder, Medal of Science
- Tso-Ping Ma, Medal of Technology
- Robert R. Birge, Medal of Science
- Jonathan M. Rothberg, Medal of Technology

The 2011 Medal of Science will be presented at the May 25, 2011 Annual Dinner of the Connecticut Academy of Science and Engineering. Profiles of all Medal recipients are featured permanently in the Hall of Fame at the Connecticut Science Center.

As directed by state statute, the selection process for the Medal of Science and Medal of Technology is conducted on behalf of the Board of Governors for Higher Education by the Department of Higher Education and the Connecticut Academy of Science and Engineering based on the criteria outlined below.

SELECTION CRITERIA

1. **Primary criterion:** The total impact of the candidate's work on the current state of physical, biological, mathematical, engineering, or social and behavioral sciences.
2. Achievements of an unusually significant nature and their potential effects on the development of scientific thought.
3. Distinguished service in the general advancement of science and engineering accompanied by substantial contributions to the content of science.
4. Recognition by peers within the scientific community.
5. Contributions to innovation and industry.
6. Influence on education through publications, students, etc.
7. A significant portion of the candidate's work must have been performed in, or be associated with, an institution/organization/business located in Connecticut at least in its more mature and developed stage and during which time the candidate was a citizen of the U.S. or permanent resident who had applied for citizenship.

INSTRUCTIONS

Nominations are for *individual* achievement only. All nomination packets must be submitted electronically and consist of the 2-page Nomination Form and the following statements:

1. A narrative statement (limited to two pages and using 12-point type) describing the candidate's qualifications for the Medal, including a clear demonstration of association with Connecticut. This statement serves to describe the nominee's credentials in lieu of a resume.
2. Three Statements of Support from persons familiar with the scientific aspects of the candidate's work other than the nominator. Statements of Support should be directed to "Dear Selection Committee Member" and should originate as follows:
 - One Statement must be from the organization (e.g. college, university, laboratory or corporation) where the cited work was performed.
 - One Statement must be from an external organization where the cited work was *not* performed.
 - One Statement must be from a colleague in the field or community who is not part of the organization where the cited work was performed.

To submit a nomination, please email a completed Nomination Form, with all statements, by March 1, 2011, 4:00 pm. to Constance Fraser at cfraser@ctdhe.org. For additional information, please contact:

- Constance Fraser, Director of Communications
Connecticut Department of Higher Education
860-947-1801, cfraser@ctdhe.org
- Richard H. Strauss, Executive Director
Connecticut Academy of Science and Engineering
860-527-2161, rstrauss@ctcase.org



2011 CONNECTICUT MEDAL OF SCIENCE NOMINATION FORM

Please use this form to submit a nomination. Note that the information requested in this nomination is solicited pursuant to Section 10a-12b of the Connecticut State Statutes, and will be used and disclosed to reviewers in connection with the selection of qualified nominees. Self-nominations are not accepted. Please submit only one package of materials for each nominee.

I. Nominee Information

Name _____

Current Position _____

Organization/Company/College or University _____

Employment Address _____

Employment Telephone _____ Email _____

Home Address _____

Home Telephone _____ Email _____

II. Employment History *(please summarize career in this space):*

III. Honors and Awards *(please limit to five):*

IV. Publications *(please limit to ten):*

V. Education *(please use this space to describe academic credentials):*

VI. References *(names of three persons submitting Statements of Support):*

1. _____
2. _____
3. _____

VII. Nominator

Name _____

Address _____

Telephone _____ Email _____