



## MEDAL FOR THE ADVANCEMENT OF RESEARCH

### I. DEFINITION AND HISTORY

The Medal for the Advancement of Research was established in 1943, to honor an executive in an organization, one of whose important activities is the production, fabrication or use of metals and other materials. The recipient, over a period of years, shall have consistently sponsored research or development and by foresight and actions shall have helped substantially to advance the arts and sciences relating to materials science and engineering.

In the Greek Pantheon, Hephaestus, the progenitor of the Roman Vulcan, was the patron of metalworkers and investigators generally. The figure on the medal represents this Greek mythological character. He also was supposed to have forged the thunderbolt, symbolized by the lightning flash in his left hand. The other hand holds the model of an atom which the Greeks postulated as the ultimate constituent of solids. Research on the metallic atom constitutes now, and probably will constitute to a greater and greater extent in the future, the principal aim of advanced scientific studies. The lightning flash also symbolizes electricity and electrical equipment - one of the most useful tools of the modern researcher.

**It is ASM's commitment to be inclusive and mindful of diversity in our policies, programs, courses, awards, and interactions with others. As an organization, we affirm and encourage nominations of qualified candidates, within each award's criteria, regardless of their age, culture, ethnic origin, gender, gender identity, marital status, nationality, race, religion, sexual orientation, and socioeconomic status.**

### II. RULES

- A. ASM International membership is not mandatory.
- B. Candidates for the award may be proposed by Chapters, Affiliate Societies, Committees/Councils, Award Selection Committee, Awards Policy Committee or any five members of the Society. However, chief responsibility for quality of the selection lies with the Award Selection Committee. Therefore, no effort should be spared by this Committee to seek out, identify and document qualifications of the most outstanding individual.
- C. Candidates should be the executive officer responsible for corporate decisions on support of research or development. This wording is interpreted to exclude research executives or managers who are the primary recipients of such support.
- D. The award is not limited to continental North America, nor is it limited by a previous award to the same company, as it is an award to an individual.
- E. The Selection Committee will review only nominations submitted on the proper form.
- F. Nominations are eligible for three years.
- G. Recommendations must be submitted to ASM Headquarters not later than February 1<sup>st</sup>, one year prior to the year in which the award is to be presented.
- H. Statements of at least three close associates familiar with the candidate's endeavors should be included with the nomination form.
- I. The award need not be presented each year. Only one award will be presented in any given year.
- J. No candidate shall be selected for an award posthumously.

- K. Suggested citation of not more than thirty words should appear on nomination form.
- L. It is the desire of the members of the Board of Trustees to present the award personally, and it is a condition of acceptance of the award that the recipient be present at the annual awards event for appropriate recognition.

### **III. PHYSICAL DESCRIPTION OF AWARD**

A 2" 14K Gold Advancement of Research Medal, hung from a purple neck ribbon, encased in an engraved wooden frame certificate, will be presented.

### **IV. AWARD SELECTION COMMITTEE**

#### **A. Appointments**

- 1. Individual members and the chairman of the Award Selection Committee shall be selected and appointed by the Awards Policy Committee.

#### **B. Composition and Tenure**

- 1. The Selection Committee for the Medal for the Advancement of Research is the same as the Selection Committee for the Distinguished Life Member Selection Committee.
- 2. The Committee shall be made up of a balance of industrial, research and educational leaders, in order to provide a fully integrated appreciation of the contribution of the candidates.
- 3. The committee shall consist of a minimum of five members, including the Chairman, who have been active in the affairs of the Society.
- 4. The tenure for members of the Award Selection Committee shall be three years on a rotating basis with no more than one third of the committee members replaced in any one year.

- C. In considering candidates for awards, due regard should be given to potential duplication of recognition for accomplishments that have been recognized in a prior ASM award conferred upon the candidate i.e., candidates should not be recognized with multiple awards for the same accomplishments (refer to APC Procedure on "Relativity of Awards").

#### **D. Report of Selection Committee**

- 1. The committee shall, by May 1<sup>st</sup>, one year preceding that in which the award is to be made, submit to the Awards Policy Committee a report, including nomination form and background information on the chosen nominee, and giving rationale and documentation for selection.
- 2. A concise statement, in thirty words or less, of the recipient's accomplishments shall be composed by the Selection Committee for inclusion on the award certificate.
- 3. The Selection Committee Chair will be furnished with a Board Report Form which, when completed, provides a reporting mechanism for the above requirements and should be a part of the report to the Awards Policy Committee.