

## **GUIDELINES for SCIENTISTS AND ENGINEERS AWARD NOMINATIONS**

Each year the Affiliate Societies Council (ASC) of Dayton recognizes a number of *scientists and engineers in the Greater Dayton area who have made outstanding contributions in their professions*. The ASC represents 40 scientific, engineering, and other technical societies with a combined total membership of over 10,000. The formal presentation of the awards will take place at the Annual Scientists and Engineers Awards Ceremony. The date and location of the ceremony will be announced separately. Check with the ASC Office or [www.ascd Dayton.org](http://www.ascd Dayton.org).

Awards will be made for accomplishments in the following categories:

- 1. Education**
- 2. Research**
- 3. Technical Leadership**
- 4. Significant Achievement in any specific discipline or field of Engineering or Science**

Awardees will be selected in all categories whenever possible. Selections are based on engineering or scientific merit. The nomination should stress the contributions that distinguish the nominee from the average worker in his/her field. The nominee's outstanding *personal* contributions and the significance of his/her accomplishments should be clearly identified and must be self evident and demonstrable. Advanced degrees are not a requirement.

### **General Criteria, Applicable to All Categories**

Evidence of technical accomplishments may include publications, patents, or other tangible forms. If publications are listed, their individual importance should be stated. If patents are listed, the significance of each patent and the extent of its use should be stated. Society activities (offices held, committee memberships, awards, Professional Engineer's license, major services to technical societies) are considered important. Significance and basis for awards should be specified. Describe technical contributions to governmental, industrial, and educational committee work and those services of a professional or public service nature. Include the span of such activities that were the direct result of the *personal* efforts of the nominee, The nomination should address the years covered, the budget levels, the organizations and/or staff involved, and the end results? What inventions, discoveries or advances in the state of the art were *personally* made by the nominee? Indicate the innovation, originality, creativity, and significance of the nominee's achievements.

### **Special Criteria for an Education Nomination**

What impact has the nominee had on education in science or engineering? What are the significant academic programs of study and/or research that the nominee *personally* established, the years covered by these programs, the funding sources and levels, the numbers of students, staff and faculty involved, and the numbers of refereed publications and/or invited presentations connected with these programs on which the nominee was a prime author? Evidence of excellence in teaching, innovations in education, curriculum development, research accomplishments, and consulting activities (to the extent that these activities were connected to the education mission) are considered significant factors. *The nominee must be affiliated with an institution of higher education.*

### **Special Criteria for a Research Nomination**

What significant research programs were the direct result of the nominee's *personal* efforts, the years covered by these programs, the funding sources and levels, the organizations and the numbers of researchers involved, and the numbers of refereed publications in prestigious journals and invited presentations connected with these programs on which the nominee was a prime author? What

inventions, discoveries, or advances were made by the nominee? Indicate the innovation, originality, creativity, and significance of the nominee's achievements.

**Special Criteria for a Technical Leadership Nomination**

What outstanding engineering or scientific accomplishments resulted from managerial teams or company-wide efforts that were led by the nominee? What were the years covered, budget levels, organizations and/or staff that were involved in these efforts, and what were the products and/or services that resulted? Explain the significance of these accomplishments. Consider them from the point of view of benefit to society and the nation, technical innovation, economic success, or other advantages. The award is for *personal* technical contributions *through leadership*. What did the nominee do that made the achievements possible? The nominee's organizational position will be recognized but it will not be considered as the sole evidence of achievement

**Special Criteria for Achievement in a Specific Engineering or Scientific field.** In addition to the General Criteria, Applicable to All Categories described above, the nominee must have made significant **personal contributions** to the achievement in a specific engineering or scientific discipline generally recognized in the scientific, academic, government or business communities. The nominator must identify and define the specific scientific or engineering discipline for consideration. The following lists traditional fields and disciplines that have been categories for awards. • Engineering Design and Development; • Manufacturing, Production and Quality Control; and • Information Technology. The fields and disciplines eligible for nominees are not limited to these award categories. The intent is to recognize superior achievement in any of the wide range of scientific and engineering disciplines practiced in the Greater Dayton/Miami Valley Area.

A nominee's record should reflect a sustained pattern of contributions. However, a unique or major contribution may be a sufficient criterion for selection. For a group effort, the contributions of the nominee should be clearly identified. In this instance, the nominee's membership in the group must be indicated and then the specific contributions of the nominee and those of the group as a whole should be stated.

*Independent assessments of the nominee's contributions should be provided whenever possible, such as awards for technical accomplishments, invited presentations to national or international meetings, memberships on significant national or international committees, or editorships of significant technical journals.*

All nominations must be submitted in a minimum of 12 point type and single-spaced. The maximum lengths of each attachment requested on the Nomination Form are as follows:

Description of Career Accomplishments      2 pages  
Prioritized Significance of Accomplishments   1 page

PLEASE NOTE: Electronic submission must be in MS Word attachments via email to [asc@dnaco.net](mailto:asc@dnaco.net).

EARLY submission is recommended so that staff can ensure that the electronic version is readable.