

## **2017 GUIDELINES for ENGINEERS AND SCIENTISTS AWARD NOMINATIONS**

Each year the Affiliate Societies Council (ASC) of Dayton recognizes a number of *engineers and scientists in the Greater Dayton area who have made outstanding contributions in their professions*. The ASC represents 40 engineering, scientific and other technical societies with a combined total membership of over 10,000. The formal presentation of the awards will take place at the 58<sup>h</sup> Annual Awards Ceremony, Tuesday, October 10, 2017 at the River Campus, University of Dayton.

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 and major services to technical societies) are considered important. Significance and basis for awards and technical certifications 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 science, engineering and/or technology that were *personally* made by the nominee? Indicate the innovation, originality, creativity and significance of the nominee's achievements and contributions to the success of the nominee's organization. Comparison of accomplishments relative to their peer group, such as enhancements of business growth, budget levels and the number of employees in a small business, should be considered as factors.

### **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 developed and/or* 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, academic leadership, 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 was involved in these efforts, and what was 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 described above, the nominee must have made significant **personal contributions** to the achievement in a specific engineering, scientific and/or technical discipline generally recognized in the scientific, engineering, academic, government or business communities. The nominator must identify and define the specific scientific or engineering discipline for consideration. The following traditional fields and disciplines have been categories for past awards are examples:

- Engineering Design and Development
- Manufacturing, Production and Quality Control
- 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, engineering and technical disciplines practiced in the Greater Dayton/Miami Valley Area by academic, engineering, government, industrial and business organizations. 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 reviewer/editorship for 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

With the nomination form, this gives a total of four (4) pages maximum.

PLEASE NOTE: Electronic submission must be in MS Word attachments via email to

[office@ascdayton.org](mailto:office@ascdayton.org)

No later than 4:00 pm, Monday, August 14, 2017

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