

AVS Award Guide for Fellow Nominators and Nominees

Nominators and Sponsor Guide

Nominations should seek to reflect the core values and goals of the Society. As an interdisciplinary, professional Society, AVS supports academic, industrial, government, and consulting professionals involved in a variety of disciplines - chemistry, physics, biology, mathematics, all engineering disciplines, business, sales, etc. through common interests related to the basic science, technology development, and commercialization of materials, interfaces, and processing.

In general, all applications need to go beyond h-index, citations and other metrics that are typically used to compare academic researchers and set a scene/context for the Trustees who will be reading applications from across a broad range of disciplines that are relevant to the AVS.

What has the nominee contributed themselves?

- Specific + broad accomplishments of the nominee
- What makes this nominee unique?
- If part of a team, what was their critical contribution?
- Scientific/engineering impact. Are the research/outcomes used? How broadly?

We are also seeking to build the number of people from industry and government who can be recognized within the AVS Fellows category. We recognize that for many, they are leading teams within a company or government agency and that rather than undertaking research, their impact lies in commercial outcomes, team success/outcomes, new product and process implementation, and the development and delivery of changes in policy, funding, and culture.

Factors that might be highlighted in addition to/instead of the traditional publication and academic metrics may include:

- 1) Industry impact – process development and manufacturing changes – commercial impact, scaling, and market share
- 2) Industry/academic/philanthropic/government partnerships and research leadership. This includes impact in training and skills development, and larger scale diversity and inclusion outcomes.
- 3) Policy Leadership – changes in standards, government policy or funding, white papers, new scientific fields advanced or created.
- 4) Team leadership for success – team growth and impact.
- 5) Deep engagement and implementation of knowledge into standards, foundational operations, and sector-wide change.
- 6) Global reach and influence within sectors including the creation/advancement of new scientific communities.
- 7) Context around the current and past roles of the nominee and scope for impact from within that role – is it internal impact or external facing role. Show evidence for how that impact is measured and ensure it is highlighted within the letters of support.