



Honorific Awards Descriptions

Nominations accepted for contributions to AFS Society and industry in 2020

Deadline for nominations is Friday, March 5, 2021

Fellow – Superior Contributions of Organization and Leadership

The Fellow Member Award was established in 1996 to honor individuals who have made superior contributions of organization and leadership to the Society for many years. Fellow Members are entitled to all the benefits of regular membership with waiver of annual dues. Fellow Members may attend AFS sponsored conferences with waiver of registration fees. This is a lifetime membership. The AFS will give one award per year when a deserving candidate is available.

Nominating Procedures:

- Nomination Form
- Biography
- Qualifications
- Headshot

Selection Process:

- Members submit nominations to the Awards Committee Chair.
- The Awards Committee review the nominations and makes recommendations to the Board of Directors based on the criteria listed above.
- Must have been an active AFS Member for at least 10 years

Award Notification and Presentation:

- Award presentation will be held virtually at AFS FiltCon 2021

Frank Tiller Award – Leadership in Engineering and Education

Named in honor of Dr. Frank Tiller, the internationally acclaimed “Father of Modern Filtration Theory” and key founding member of the AFS, this award highlights scientific merit. The TILLER AWARD recognizes individuals for outstanding lifetime scientific and engineering achievements in the Technology of Fluid-Particle Separation. The AFS will bestow one award per year when a deserving candidate is available.

Nominating Procedures:

- Nomination Form
- Biography
- Qualifications
- Headshot

Selection Process:

- Members submit nominations to the Awards Committee.
- The Awards Committee review the nominations and makes recommendations to the Board of Directors based on the criteria listed above.
- Nominee must be an active member of the AFS.

Award Notification and Presentation:

- Award presentation will be held virtually at AFS FiltCon 2021

Wells Shoemaker Award – Service and Leadership in Action

The SHOEMAKER AWARD was established in 1989 and was named in honor of Mr. Wells Shoemaker, who was a key-founding member of the AFS. He epitomizes the characteristics of Leadership and Service. This award recognizes individuals for a lifetime of outstanding leadership and exceptional service to the American Filtration & Separations



Society, which have resulted in significant and demonstrable benefits to the Society's members. The AFS will bestow one award per year when a deserving candidate is available.

Nominating Procedures:

- Nomination Form
- Biography
- Qualifications
- Headshot

Selection Process:

- Members submit nominations to the Awards Committee.
- The Awards Committee review the nominations and makes recommendations to the Board of Directors based on the criteria listed above.
- Nominee must be an active member of the AFS.

Award Notification and Presentation:

- Award presentation will be held virtually at AFS FiltCon 2021

Senior Scientist – For Significant Contributions to the Technology of Filtration and Separation

The Senior Scientist Award was established in 1999 to honor individuals in the middle of their career who make a significant contribution to the Technology of Filtration and Separation. Candidates should meet the following requirements

Criteria:

- Must be a member of the AFS Society at the time of nomination and award presentation and have been an active participant in Society activities in the previous two calendar years (2019 and 2020).
- Be more than five years out of school and working professionally in academia or industry.
- Have made significant contributions to Filtration and Separations as demonstrated by publication of at least 10 papers in professional conference proceedings or professional journals in the previous 10 years. A minimum of 5 of these papers must have been published in AFS conference proceedings or in *F/PSJ*.
- Previous winners are ineligible.

Nomination Requirements:

- Must be nominated by a current AFS member. **No solicitation for nomination or self-nomination**

Nominating Procedures:

- Nomination Form Cover Sheet
- Biography
- Qualifications
- Headshot

Award Notification and Presentation:

- Award presentation will be held virtually at AFS FiltCon 2021

Young Scientist – For Important Contributions to the Technology of Filtration and Separation

The Young Scientist Award was established in 1999 to honor individuals at the beginning of their career who have made important contributions to the Technology of Filtration and Separation. Candidates must meet the following requirements.

Criteria:

- Must be a member of the AFS Society at the time of nomination and award presentation and have been an active participant in Society activities in the previous two calendar years (2019 and 2020).
- Must not be more than 5 years out of school and working professionally in academia or industry.
- Must have made important contributions to the field of Filtration and Separations as demonstrated by publication of at least three papers in professional conference proceedings or professional journals in the previous 5 years. At least one of these papers must have been published in AFS conference proceedings or in *F/PSJ*.
- Previous winners are ineligible.



Nomination Requirements:

- Must be nominated by a current AFS member. **No solicitation for nomination or self-nomination**

Nominating Procedures:

- Nomination Form
- Biography
- Qualifications
- Headshot

Award Notification and Presentation:

- Award presentation will be held virtually at AFS FiltCon 2021

Professor George Chase Award – For Excellence in Academic Research – New for 2021 Awards

Presentation

Named in honor of Professor George Chase for many contributions by himself and his students to AFS and to the filtration and separations profession. The CHASE AWARD, established in 2021, was created to honor academic researchers and their students that make significant contributions to filtration and separations profession. The AFS will bestow one award per year when a deserving candidate duo, professor and student, are available.

Current Bio sketch: Professor Chase serves at UA as Professor, in the Department of Chemical, Biomolecular and Corrosion Engineering at UA. He also serves as Interim Director of Research Initiates and as President of the University of Akron Research Foundation. He has advised over 60 MS and PhD student, many of whom currently work in the filtration industry. With his students, he has authored over 400 publications on topics relevant to filtration and separations technologies. He is an alumnus from the University of Akron, a proud ZIP of classes '78 and '89. He received several recognitions and awards for his service to the engineering profession including: STEM Exemplar by The Ohio Academy of Science in 2017, Honorable Mention Alice Hamilton Award by NIOSH in 2016, and induction into the National Academy of Inventors in 2011. In service to the American Filtration and Separations Society he received the Senior Scientist, Frank Tiller, Fellow, and Lifetime Achievement awards. Twice he served Chair of the AFS Society, in 1995 and 2002. In other service, Professor Chase served on active duty in the US Army Corps of Engineers from 1978 to 1983 and retired as a Lieutenant Colonel from the US Army Reserves in 2001.

Criteria:

- Nominations are open to individuals in any level in academia
- At least one paper published in a peer-reviewed journal on the research topic within academia or academia affiliation that involved work done at a university and the work done by a student
- The topic must be directly or indirectly related to filtration and separation
- The research outcome should have made a significant contribution to the global filtration and separations community.
- One paper should have been published in the last 24 months at the time of nomination
- The high number of citations are helpful but not critical for selection
- The impact factor of the journal will be a consideration in the midst of a tie between two candidates
- The student can either be currently in school or have graduated in the last 24 months at the time of nomination

Nomination Requirements:

- Must be nominated by a current AFS member. **No solicitation for nomination or self-nomination**

Nominating Procedures:

- Nomination form cover sheet plus evidence to show all points in the criteria are met
- Nominee to submit a one-page summary essay of the work that explains what was done, how it was done, why it was done, where it was done and how this work contributes to the global filtration community
- Biography
- Headshot



Award Notification and Presentation:

- Award presentation will be held virtually at AFS FiltCon 2021
- The award will be a plaque with the research topic and the name of the student and the professor. One plaque will be presented to the student and the professor. The student will also receive \$500 from the AFS Society