

AIChE NSEF Newsletter

Spring 2018

Message from the Chair

As spring approaches (perhaps too slowly for some!) I reflect back on the accomplishments of our Nanoscale Science and Engineering Forum members. This includes the excellent work of our Graduate Student Award and Poster Session Winners presented at the 2017 Annual Meeting, the inaugural launch of our "Nanoscale Science & Engineering: Paving the Future of the Field" at the 2017 Annual Student Conference, and the accomplishments of Dr. William A. Tisdale, our 2017 NSEF Young Investigator Awardee.

Planning is underway for our 2018 Annual Meeting and we look forward to receiving your contributions. This includes submissions for our student awards where our talented emerging leaders are recognized. Nominations for the 2018 NSEF Forum and Young Investigator Awards are due soon – visit the NSEF website for more information. We seek an applicant pool comprised of accomplished individuals with diverse interests, backgrounds, and experiences.

On behalf of the NSEF Executive Committee, we look forward to seeing you in Pittsburgh!

- Dr. Geoffrey D. Bothun, NSEF Chair

News and Announcements

NSEF Programming for 2018 AIChE Annual Meeting:

NSEF members, the call for abstracts is currently open for the 2018 Annual Meeting in Pittsburgh, PA. The NSEF programming has been enhanced this year to include featured speakers and a new area plenary focused on carbon nanomaterials. We seek contributions from our members to help round out our programming at this year's annual meeting. Please click the following link to submit an abstract to one of the NSEF sessions: <https://aiche.confex.com/aiche/2018/cfp.cgi>. The deadline for submission is Wednesday, April 18th.

2017 NSEF Graduate Student Award and Poster Session Winners

At the 2017 Annual AIChE Meeting, NSEF was pleased to award several graduate students and poster presenters for their contributions to the nanoscale science and engineering fields. The graduate students were initially selected from a number of applicants and then gave presentations in special sessions dedicating to highlighting their work. Congratulations to the following awardees:

Carbon Nanomaterials Graduate Student Award Session

- 1st Place: **Haider Almkhelfe** (Kansas State University)
- 2nd Place: **Linda Chio** (UC Berkeley)
- 3rd Place: **Yan Wang** (University of Pittsburgh)

Bionanotechnology Graduate Student Award Session

- 1st Place: **Rebecca Ball** (Carnegie Mellon)
- 2nd Place: **Russell Urie** (Arizona State)
- 3rd Place: **Gozde Demirer** (UC Berkeley)

NSEF Poster Session

- 1st Place: **Steven Roberts** (George Mason University)
- 2nd Place: **Kristin Bryant** (Washington State University)
- 3rd Place: **Elisa Torrico Guzmán** (University of Rhode Island)

Call for Award Nominations for the 2018 Forum and Young Investigator Awards:

Each year, AIChE's Nanoscale Science and Engineering Forum (NSEF) acknowledges the contributions of engineers and scientists to the field of nanoscience and engineering with two awards, the Forum Award and the Young Investigator Award.

The Forum Award recognizes outstanding contributions to the advancement of nanoscale science and engineering in the field of Chemical Engineering through scholarship, commercialization, education, or service.

The Young Investigator Award recognizes outstanding scholarship, commercialization, education, or service in nanoscience and nanotechnology by engineers or scientists in the early stages of their professional careers (within 10 years of completion of highest degree).

The NSEF especially encourages applications from women and under-represented minorities. In addition, the NSEF equally encourages applications from academia, government, and industry members.

Past winners and additional information regarding the awards can be found on the AIChE NSEF site at: <https://www.aiche.org/community/sites/divisions-forums/nanoscale-science-engineering-forum/awards>.

Recipients of each award are invited to present their work at the NSEF Plenary Session, "Chemical Engineering Principles for Nanotechnology" at the Fall Annual Meeting (this year in Pittsburgh, Oct 28-Nov 2). Award plaques are presented at this session or at the NSEF reception. Please direct any questions to the awards committee chair, Dr. Jessica Winter (winter.63@osu.edu).

To apply, please use the *Institute and Board Award Nomination Form*, which can be found here:

https://www.aiche.org/sites/default/files/docs/pages/UPDATED_Div_For_Award_Nomination_Form.doc

The deadline for submitting the nomination package is May 1, 2018.

2017 AIChE Annual Student Workshop

The first annual student workshop, titled "Science & Engineering: Paving the Future of the Field," presented by Reginald Rogers, Samantha Meenach, Dibakar Bhattacharyya, Jung-Sheng Wu, and Geoff Bothun, was a huge success. The 45-minute session gave students the opportunity to ask questions and engage with the leadership of the NSEF. For the 2018 Annual Meeting, due to the overwhelming demand, NSEF is looking to get two 45-minute sessions for the second annual student workshop. Please contact Daniel Roxbury (roxbury@uri.edu) if you would be interested in serving as a panelist in this workshop.

Member Awards & Highlights

Dr. Reginald Rogers was chosen as the 2018 Golden Torch Award Honoree for the Dr. Janice A. Lumpkin Educator of the Year Award. This award is given by the National Society of Black Engineers. He will be receiving this award during the National Convention on Saturday, March 24th in Pittsburgh, PA. A link to the full story is found here: <http://www.rit.edu/news/story.php?id=65481>

If you have a recent high impact publication, honor, or award that you would like to have highlighted in the NSEF Newsletter please submit these to the Newsletter Editor at roxbury@uri.edu.

Upcoming Events

TechConnect Nanotech 2018 Conference & Expo

May 13 - 16, 2018 in Anaheim, CA

<http://www.techconnectworld.com/Nanotech2017/>

Membership Column

Not a member of AIChE or NSEF? In order to guarantee that you are included in our current email list so that you will have updated access to NSEF materials and award eligibility make sure you are a current NSEF and AIChE member. NSEF membership is an additional \$10/year to the AIChE membership. You can follow the steps of one of the following options below to join:

1. Visit AIChE's membership website to sign up online: <http://www.aiche.org/membership>
2. Download the following file from the AIChE website: Membership Application PDF and send your application and payment directly to AIChE.

2017-18 NSEF Leadership

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