

Agenda

THURSDAY, JANUARY 30

Noon-4:00 pm	<p>Pre-meeting workshops</p> <p>Broadening Participation of Trainees into the Scientific Community of Practice Through Communication Skills Mentoring <i>Othmer Hall, American Chemical Society</i></p> <ul style="list-style-type: none"> • Anthony DePass, Co-Chair, Understanding Interventions that Broaden Participation in Research Careers • Carrie Cameron, PI, Scientific Communication Advances Research Excellence <p>Leading Change <i>Marvel Hall, American Chemical Society</i></p> <ul style="list-style-type: none"> • Les McQuire, ACS Leadership Development System • David Harwell, ACS Leadership Development System
4:00-8:00 pm	<p>Registration <i>Logan Ballroom Foyer, The Darcy Hotel</i></p>
4:00-4:30 pm	<p>Poster session set-up <i>Logan Ballroom, The Darcy Hotel</i></p>
4:30-6:00 pm	<p>Project Showcase and networking reception <i>Logan Ballroom, The Darcy Hotel</i> -Heavy appetizers will be served-</p> <p>Session A (30 minutes)</p> <p>Session B (30 minutes)</p> <p>Session C (30 minutes)</p>
6:00-6:15 pm	<p>Break</p>
6:15-8:00 pm	<p>Welcome and opening session <i>Ellington Room, The Darcy Hotel</i></p> <p>Panel discussion: Advancing graduate education</p> <p>Moderator: <i>Victor R. McCrary, Vice President for Research and Graduate Programs, University of the District of Columbia</i></p> <p>Panelists: <i>Julia Kent, Vice President, Best Practices and Strategic Initiatives, Council of Graduate Schools</i></p> <p><i>Emily Miller, Associate Vice President for Policy, Association of American Universities</i></p> <p><i>Layne Scherer, Senior Program Officer, National Academies of Sciences, Engineering, and Medicine</i></p> <p>Discussion: <i>What are the unique aspects and challenges of graduate education?</i></p> <p>Presentation: <i>The role of the IGE program in advancing graduate education</i></p>
8:00-9:00 pm	<p>Networking reception <i>Logan Ballroom and Foyer, The Darcy Hotel</i> -Dessert will be served-</p>
9:00-9:15 pm	<p>Poster session take-down</p>

 Denotes events held at The Darcy Hotel

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- 8:00–9:00 am **Networking breakfast**
Marvel Hall, American Chemical Society
- Guiding question: What are the unique aspects and challenges of IGE projects?**
- 9:00–9:30 am **Setting the stage for the day**
Marvel Hall, American Chemical Society
- Plans and outcomes**
- Introductions**
- Norms and expectations**
- Reflections and insights**
- 9:30–11:45 am **Advancing the knowledge base**
Othmer and Marvel Halls, American Chemical Society
- Concurrent discussion sections: Taking a closer look at the intersections of graduate education with emerging area of research**
- Transformative teaching, learning, and assessment
 - Research and practice across disciplines
 - Digital learning
 - Inclusiveness and adaptivity
 - Professional development
- Break**
- Concurrent discussion sections: Taking a closer look at what is informing our work and how our work is informing others**
- Leveraging the knowledge base
 - Contributing to the knowledge base
- Report out/debrief**
- 11:45 am–1:00 pm **Lunch and Open Space discussions**
Marvel Hall, American Chemical Society
- 1:00–2:15 pm **Preparing the STEM workforce for the 21st century**
Othmer and Marvel Halls, American Chemical Society
- Highlights from *Graduate STEM Education in the 21st Century***
- Small group discussions: Taking a closer look at the cross-cutting issues**
- Improving STEM graduate education by adjusting faculty rewards and incentives as they pertain to teaching and mentoring
 - Collecting and disseminating data to increase transparency for prospective and current STEM graduate students about institutional degree and career outcomes, among other metrics
 - Increasing diversity, equity, and inclusiveness throughout STEM graduate programs to cultivate talent from all backgrounds and promote continued scientific leadership
 - Building the ability of the STEM graduate education system to adjust to the dynamic nature of the scientific enterprise and the career options available to its students
 - Optimizing the experiences that graduate students have while in their programs
- Debrief**

Agenda

FRIDAY, JANUARY 31 (CONTINUED)

2:15–2:30 pm	Break
2:30–4:30 pm	<p>Catalyzing innovation <i>Marvel Hall, American Chemical Society</i></p> <p>Understanding the innovation process</p> <p>Small group activity: Revisiting the intersections and cross-cutting issues</p> <p>Gallery walk</p> <p>Debrief</p>
4:30–5:00 pm	<p>Next steps and closing remarks <i>Marvel Hall, American Chemical Society</i></p> <p>Enhancing the impact of the ICE Program in advancing graduate education</p> <ul style="list-style-type: none"> • Review of guiding questions • Review of meeting objectives • Discussion of post-meeting activities <p>Acknowledgements and thanks</p> <p>Meeting evaluation</p>

Code of conduct

Adapted from the ACS Volunteer/National Meeting Attendee Conduct Policy

Maximizing the interactive nature of the 2020 NSF IGE PI Meeting will require listening, open dialogue about complex aspects of graduate education, and consideration of new ideas and approaches. Participants should contribute to a collegial, inclusive, positive, and respectful environment by:

- ✓ Acknowledging the different identities, experiences, and perspectives of participants;
- ✓ Interacting with others in a cooperative and respectful manner; and
- ✓ Avoiding any inappropriate actions based on race, gender, age, religion, ethnicity, nationality, sexual orientation, gender expression, gender identity, marital status, political affiliation, presence of disabilities, or educational background.

Please refrain from using insulting, harassing, or otherwise offensive behavior and language, remembering that behavior and language that are welcome/acceptable to one person may be unwelcome/offensive to another.

Disruptive, harassing, or inappropriate behavior toward other meeting participants or staff is unacceptable and should be brought to the attention of a member of the Program Planning Committee.