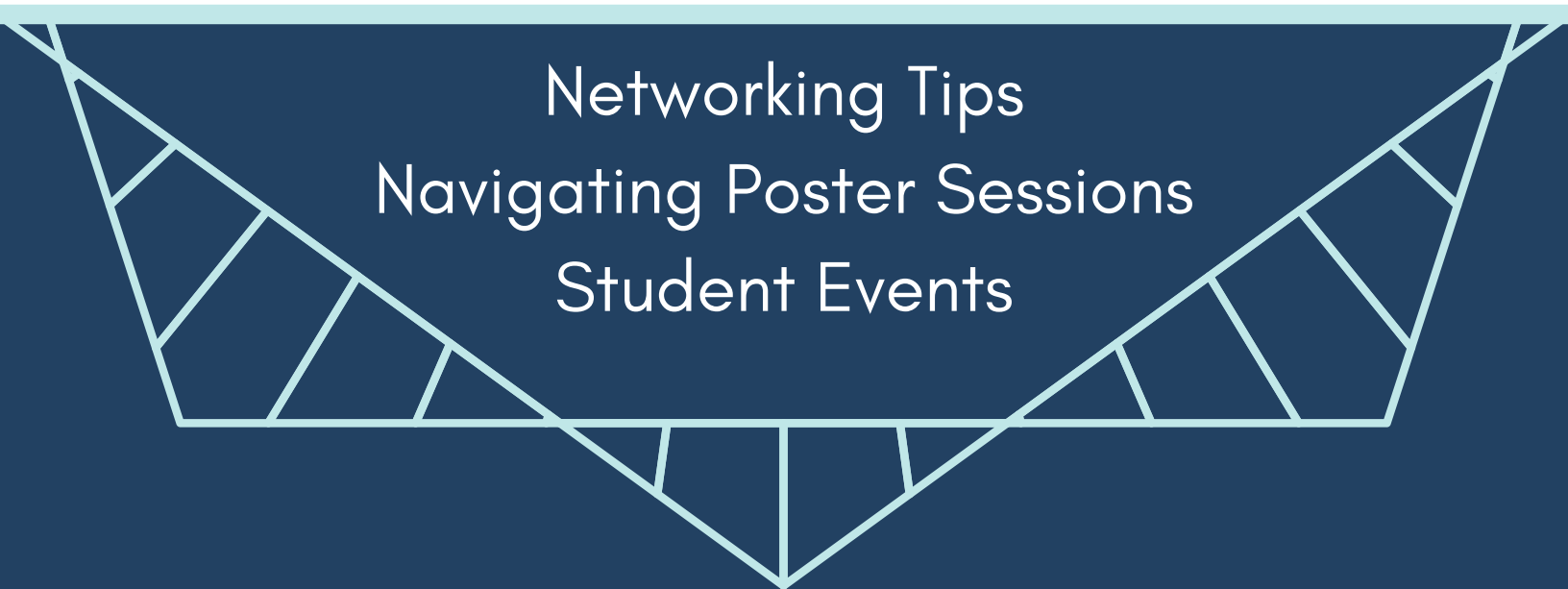


THE PCSA
STUDENT
CONFERENCE
GUIDE
ICACC 2024



Networking Tips
Navigating Poster Sessions
Student Events



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ABOUT THE PCSA

The President's Counsel of Student Advisors (PCSA) is a committee comprised of both undergraduate and graduate students who aim to help the American Ceramic Society.



Leadership workshops
Outreach opportunities
Help organize ACerS conferences



Applications for the 2024-2025
Delegation Open Soon!

NETWORKING TIPS



Starting a conversation with a stranger can be daunting, but you can follow these steps to have a less awkward interaction.

Introduction

- Remember that the people at a conference are there to network in the first place, so approaching someone new is not that strange. Acknowledge the value of that person's time.
- Introduce yourself, your school, and who you work with.
- Specify a time limit when talking with someone new, this relieves pressure that the other person might feel in a new interaction. *Example: Can I talk to you for a few minutes before the next presentation?*

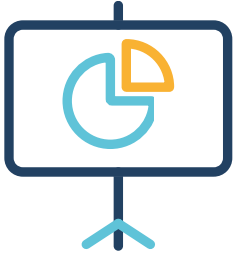
During the Conversation

- Be genuinely interested in what they have to say.
- Ask them questions that are different. Everyone is always asked "What do you research", instead you could ask them about their favorite talk.
- Don't be afraid to also talk about your work and your interests. This gives them opportunities to ask you questions or to find something that you have in common to talk about.

Exiting the Conversation

- Don't ask for their email or number to talk at a later time. Instead try asking if you can connect with them on LinkedIn. This provides a more casual and non-committal ending to the conversation. If they want to give more contact details, then they will do so, but it is ultimately their decision.

GENERAL CONFERENCE TIPS



Conferences can be overwhelming, especially for students. Here is some general advice for how to make the most out of your conference experience.

Go to the student events. Connecting with other students is the easiest way of expanding your network.

Don't try to go to every talk. Committing yourself to over 8+ hours of talks each day will quickly drain you especially if conferences are week-long events. It also makes it more difficult for you to want to network since you will be too exhausted. Aim to sit through only a few hours of presentations spread out through the day. Use the downtime in between to network.

STUDENT EVENTS

EMA has an excellent set of networking and student-oriented events, more information can be found [here](#)

All times in EST.

Monday, Jan 29

- 12:15 PM - 1:15 PM - Journal Publishing Workshop: Expand your Impact. Hilton Coquina Salon H. North Tower, 3rd Floor.
- 7:30 PM - 9:00 PM - ACerS Student and Young Professional Networking Mixer. Oceanview Room and Terrace, North Tower, Main Floor.

Tuesday, Jan 30

- 6:45 PM - 8:00 PM - Shot Glass Contest. The Ocean Center, Exhibit Show Floor.
- 7:30 PM - 9:00 PM - ACerS Student and Young Professional Networking Mixer. Oceanview Room and Terrace, North Tower, Main Floor.

Wednesday, Jan 31

- 5:00 PM - 7:00 PM - Poster Scavenger Hunt. The Ocean Center, Exhibit Show Floor.
- 6:00 PM - 7:00 PM - Last Night Reception with Trivia Contest. Hilton Coquina Foyer, North Tower, 3rd Floor, Coquina Salon E

STUDENT EVENTS



IGNITE MSE

IGNITE MSE is a conference event hosted by the American Ceramics Society and the President's Council of Student Advisors. At ICACC 2024, IGNITE MSE features a tour of the Kennedy Space Center, a Career Panel Luncheon, and so much more.

See the full IGNITE MSE schedule for more details - many events are still open for registration!

<https://foundation.ceramics.org/ignite-icacc-2024/#ICACC>

Keep an eye open for more IGNITE MSE events at future ACerS Conferences!

INTERESTING TALKS

Not sure where to start? Below are a list of talks given by current PCSA members, Alumni, and notable speakers that are a good place to start.

All times in EST.

Plenary Speakers

Mon 1/29, 10:40-11:15 - Multifunctional ceramic, polymer and composite biomaterials for bone tissue regeneration and treatment

Speaker: Dr. Elzbieta Pamuła

Session: Opening Remarks and Awards, Coquina Salon D/E

Mon 1/29, 11:20-Noon - Interfacial transitions at grain boundaries

Speaker: Dr. Judy Jeevarajan

Session: Opening Remarks and Awards, Coquina Salon D/E

Current PCSA Members

Mon 1/29, 5:10-5:30 - Innovative Small-Scale Investigation of MAX Phase's Single-Crystal Deformation and Fracture Response

Speaker: Milos Dujovic

Session: 13th Global Young Investigator Forum. Coquina D.

INTERESTING TALKS

Current PCSA Members

Tues 1/30, 10:40-11:00 – Influence of Temperature on Mechanical Behavior of Unidirectional SiC/SiC Composites under Monotonic Tensile Loading

Speaker: Christine Brockman

Session: S1 Mechanical Behavior and Performance of Ceramics & Composites. Coquina E.

Tues 1/30, 9:30-9:50 – Optimizing Hardness of High-Entropy Boride Thin Films by Modulating the Bipolar HiPIMS Kick-Pulse

Speaker: Nathan McIlwaine

Session: S18 Ultra-High Temperature Ceramics. Coquina A

Wed 1/30, 10:40-11:00 – Exploring the Effect of EBC Composition on CMAS Wetting Behavior

Speaker: Clark Luckhardt

Session: S2 Advanced Ceramic Coatings for Structural/ Environmental & Functional Applications. Flagler C

Thur 2/1, 2:50-3:10 – Anomalous crack growth resistance in atomically layered ternary carbides

Speaker: Milos Dujovic

Session: S12 Design and Applications of Nanolaminated Ternary Transition Metal Carbides/Nitrides and Borides, Their solid Solutions and 2D Counterparts. Ballroom 3.

WAYS TO GET INVOLVED WITH ACERS

Another great way of networking is by getting involved in organizations. Don't be afraid to reach out to them.

Apply to be part of the PCSA.

***Applications for the 2024-2025 Delegation
Open Now!***

Join an ACerS chapter.

***Join the Global Graduate Research Network
(GGRN).***

***If you have questions, talk to any of the
ACerS staff or PCSA members.***

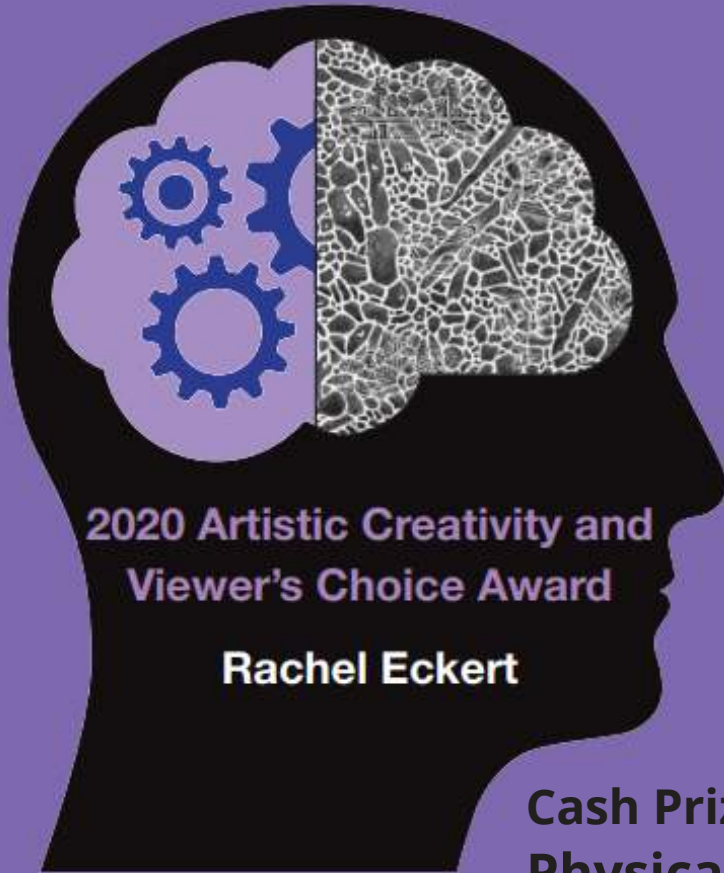


President's Council of Student Advisors



8th Annual ACerS PCSA

CREATIVITY COMPETITION



2020 Artistic Creativity and
Viewer's Choice Award

Rachel Eckert

ceramics.org/pcsacreative

Get your creative juices flowing!

Possible creativity piece:

- Glassblowing • Stained glass
- Pottery • Ceramic and glass 3D printing • Artistic painting of a ceramic-related image • Microscope and SEM images • Other glass or ceramic related forms of art

Cash Prizes for three categories!

Physical awards presented at MS&T24!

Submissions will be evaluated based upon the following categories:

- **Scientific Creativity**, a technically difficult characterization or processing technique in a visual format
- **Artistic Creativity**, a unique ceramic or glass inspired artistic piece
- **Viewer's Choice**, The PCSA's social media audience will choose the awardee for this category

**For more information and how to enter, visit ceramics.org/pcsacreative
Or @acerspcsa on Instagram!**

Submissions Open:
Summer 2024

Contact PCSA Programming Committee
Delegate Raine Antonio at
raine.antonio@wsu.edu for questions.



Awards sponsored by:

President's Council of Student Advisors

CERAMIC AND GLASS INDUSTRY
FOUNDATION