

# Welcome to ASA 189<sup>th</sup> (joint with ASJ)!

- 1600 attendees (600 students)
- New attendees: Introduce yourselves (name, institution, advisor)!
- Sign in to the meeting!
  - See QR code or
  - Physical sign-in sheet
- BA List Serv
  - Email [ASA\\_BATC-subscribe@googlegroups.com](mailto:ASA_BATC-subscribe@googlegroups.com)
  - Visit: [http://groups.google.com/group/ASA\\_BATC](http://groups.google.com/group/ASA_BATC)
  - Or email me: [jcs516@psu.edu](mailto:jcs516@psu.edu)

Sign in QR code



# Meeting Reminders

- Taking photographs is not permitted during sessions. Anyone taking photographs during sessions may be asked to leave.
- Remote presentations are not allowed. Exceptions have been made by the ASA office for the Thursday plenary and an award acceptance. All other requests should be denied by the session chairs.
- Strategic Champions Meeting on Thursday, 2-4 pm, Honolulu Suite 1/2




# Spring 2025 ASA/ASJ Honolulu, December 1-5

- Mon: Ultrasound Blood Flow Imaging and Quantification (Michel Versluis, Chris de Korte, Yoshifumi Saijo, and Hideyuki Hasegawa)
- Mon: Data-Driven Focused Ultrasound (Hohyun Lee and Shin Yoshizawa)
- Tues: Lung Ultrasound (Libertario Demi and Marie Tabaru)
- Tues: In-vivo Applications of Quantitative Ultrasound (Jonathan Mamou and Tadashi Yamaguchi)
- Tues: Issues with Tissues: In Situ Tissue Property Measurements for Therapeutic Ultrasound Procedures (Michael Gray, Tatiana Khokhlova, and Shin Yoshizawa)
- Wed: Sound Propagation in Inhomogeneous Media (Guillaume Haiat, Pierre Belanger, and Mami Matsukawa)
- Wed: High Frequency Ultrasound (Yoshifumi Saijo and Keith Wear)
- Thurs: Ultrasound Brain and Super-Resolution Imaging (Chengzhi Shi, Fabian Kiessling, and Norio Tagawa)
- Thurs: General Topics: Bubbles (Mitra Aliabouzar and Daisuke Koyama)
- Fri: General Topics: Quantitative Ultrasound (Aiguo Han)
- Fri: General Topics: Elastography and Vascular Imaging (Zhiyu Sheng and Takuro Ishii)

From Monday TC Meeting

- JASA Impact Factor 2.3 for 2024, up from 2023
- Open Calls for Papers for Joint *JASA* and *JASA-EL* Special Issues
  - Data and Models in Speech Production: A Situated Perspective (15 Jan 2026)
  - Bayesian Methods in Acoustical Science and Engineering (Deadline: 30 Jan 2026)
  - Generative and Physics-Informed Artificial Intelligence for Acoustics (Deadline: 2 March 2026)
  - Mobile Underwater Sensor Networks and Acoustics: Advances and Practices (Deadline: 1 May 2026)
- Open calls available here: [pubs.aip.org/asa/jasa/pages/specialissues](https://pubs.aip.org/asa/jasa/pages/specialissues)

# Special Issues - Very, Very Popular!!!

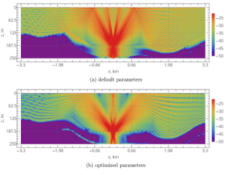


The Journal of the Acoustical Society of America

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## Verification and Validation of Source and Propagation Models for Underwater Sound

This joint Special Issue of *The Journal of the Acoustical Society of America* and *JASA Express Letters* focuses on source and propagation modelling from sources of underwater ambient sound and sound sources with a potential to affect aquatic life, and on corresponding acoustical metrics. Combining information on the sound field with information on a dose-effect relationship enables estimation of possible effects. The Special Issue presents a collection of eighteen articles on: verification of source and propagation models; validation of source and propagation models; and bioacoustical metrics for assessment of environmental risk. This Special Issue demonstrates the need for clear metrics and verification and validation protocols.



Guest Editors: Kathleen J. Vigness-Raposa (Liaison Guest Editor), Klaus Lucke (Liaison Guest Editor), Michael A. Ainslie, Michele B. Halvorsen, Christ A. F. de Jong, Stanley J. Labak, and Martin Siderius

Image Credit: Figure 7 from P. S. Petrov, A. G. Tyshchenko, and A. O. MacGillivray. "Three-dimensional modelling of underwater noise produced by a bulk carrier vessel and estimation of its environmental impact." *J. Acoust. Soc. Am.* 155: 3702–3714 (2024). <https://doi.org/10.1121/10.0026238>

To view the papers from JASA, please [visit this page](#). To view the papers from JASA-EL, please [visit this webpage](#). To view the full collection, please [visit this page](#).

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EDITORIAL  
[Introduction to the special issue on verification and validation of source and propagation models for underwater sound](#)

Kathleen J. Vigness-Raposa; Klaus Lucke; Michael A. Ainslie; Michele B. Halvorsen; Christ A. F. de Jong; Stanley J. Labak; Martin Siderius  
<https://doi.org/10.1121/10.0035845>

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SPECIAL ISSUE ON VERIFICATION AND VALIDATION OF SOURCE AND PROPAGATION MODELS FOR UNDERWATER SOUND  
[Effects of sediment properties, distance from source, and frequency weighting on sound pressure and sound pressure kurtosis for marine airgun signatures](#)

H. Özkan Serttek; Yaxi Peng; Michael A. Ainslie; Alexander M. von Benda-Beckmann; Michele B. Halvorsen; Matthew W. Koesler; Elizabeth T. Küsel; Alexander O. MacGillivray; Apostolos Tsouvalas  
<https://doi.org/10.1121/10.0034709>

## Patent Reviewers Needed

- The Reviews of Acoustical Patents section of JASA has provided readers with summaries of the latest inventions in acoustics for over eight decades.
- The Patent Reviews section provides concise, descriptive summaries of new patents related to various aspects of acoustics, such as hearing aids, sound attenuation, audio systems, signal processing, musical instruments, and more, written by individual expert reviewers.
- Members of ASA have provided their volunteer services to provide readers of the journal with enough information to decide whether to investigate the full patent document further. Beyond summary information, reviewers are encouraged to offer their opinions of the patents. Your contributions are recognized by name in each issue.
- Reviewers are being sought from all technical fields of acoustics to serve as JASA Patent Reviewers.
- Please consider volunteering to contribute to this valuable service to the acoustics community. It is now possible to harness AI to assist with reviewing patents, so long as the appropriate tools are used carefully.
- To learn more, contact **Sean Fulop**, JASA Associate Editor for Patent Reviews, [sfulop@mail.fresnostate.edu](mailto:sfulop@mail.fresnostate.edu)

# News from the Public Relations Committee

## Acoustics Lay Language Papers (ALLP)

Anyone with a conference abstract can submit a Lay Language Paper before or after meetings; there is no deadline! Unlike JASA and POMA, these are not peer reviewed and provide a faster way to share your work and build media interest. See [acoustics.org/lay-language-papers/](https://acoustics.org/lay-language-papers/) for more info.

## Upcoming Special Session on Media

Be on the lookout for a special session at ASA Philly focused on communicating acoustics in our modern media, which will include invited experts with professional media experience. More details to come!

## Media Liaisons

Thank you to the current media liaisons who respond to journalist inquiries on behalf of ASA. Liaisons serve as quick-response experts within their TCs, supporting ASA's PR and media efforts. If you're interested in serving as a liaison, please contact your TC chair or Molly. **Need to choose ~3 keywords for BATC**

## Resources

ASA members needing support with media, outreach, or PR are encouraged to reach out to Keeta Jones ([kjones@acousticalsociety.org](mailto:kjones@acousticalsociety.org)) and Wendy Beatty ([wbeatty@aip.org](mailto:wbeatty@aip.org)). For tips how to build buzz around your research and meeting participation, see <https://acoustics.org/asa-social-media/social-media-toolkit/>.

PR Committee Chair: Molly Smallcomb, [molly.smallcomb@gmail.com](mailto:molly.smallcomb@gmail.com)

# Membership Engagement Committee - Mentorship Program

- At the Spring 2025 meeting, we did a soft-launch of a mentorship program for 28 **early-career** participants.
- The program is designed to help fill in the gaps in the participant's mentoring network in one or more of the categories below.



Skill Growth /  
Substantive Feedback



Role Model



Career Growth



Access to  
Opportunities



Professional Development



Accountability



Emotional Support /  
Safe Space



Sponsorship

- Looking for volunteers to serve as mentors:



<https://forms.gle/doGa5XxTwvre2Anh8>



# Early Career Travel Awards and Upcoming Programming

- Early-career meeting attendees are eligible if:
  - Members of the ASA (**except** student members)
  - Within 10 years of receiving their last degree
- 72 applicants, 20 awarded for Honolulu at \$750 each
- 30, \$500 awards planned for Philadelphia
  - Deadline of **March 13<sup>th</sup>, 2026** (link provided soon)
- Upcoming Philadelphia Programming
  - How to Market Yourself (co-sponsored with TSGED and PR)
  - ASA Committee Fair in Philadelphia
  - ASA Community Forums

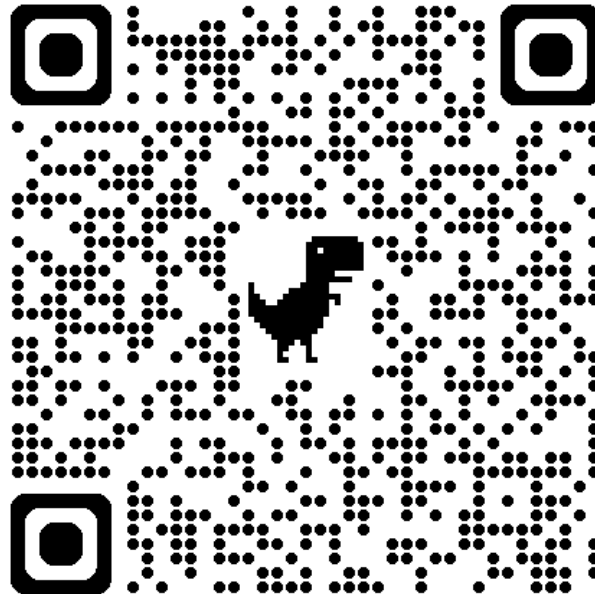


# 2026 Technical Initiatives and Reminders

- Each TC receives \$5000/year for ongoing initiatives
- New/innovative initiatives - \$75,000 annual budget (shared across TCs)
  - “...to support **technical projects stemming from TCs and the Technical Council, that will help the ASA to achieve its mission and strategic goals**”
  - Current policy says financial support for co-sponsored meeting will typically be <\$2k or in rare cases as much as \$3k; however, most recent requests have been \$4-8k
  - Voting Friday to update the policy to typically <\$4k or in rare cases up to \$6k
  - Also creating a deadline to 1 week before the start of the fall meeting and requiring TCs meet and vote on priority, as higher requests means fewer will be approved
  - Final reports of use of funds will be collected by the TC chair
- If funds remain for current year, small requests can be made at the spring meeting in the year you’re requesting funds.

# BATC has 3 requests submitted for 2026

- Physical Acoustics Summer School (co-sponsored with PA): \$7500
- Gordon Conference on In Vivo Ultrasound Imaging: \$5000
- European Symposium on Ultrasound Contrast Imaging: \$3000
- Please vote now on the google form using the QR code below:



# Physical Acoustics Summer School

- 24-29 May 2026, University of Mississippi, Oxford, MS, USA
- PASS brings together graduate students, distinguished lecturers and discussion leaders for a series of lectures and related activities over five days.
- Topics include Biomedical Ultrasound, Metamaterials, Bubbles and Drops, Atmospheric Acoustics, Infrasound, Nonlinear Acoustics, and Condensed Matter Acoustics
- Application Deadline: 9 February 2026
  - Note that only graduate students are eligible to apply.
- Held every other year. This will be the 18<sup>th</sup> PASS since 1992.
- See [www.olemiss.edu/ncpa/work-with-us/physical-acoustics-summer-school](http://www.olemiss.edu/ncpa/work-with-us/physical-acoustics-summer-school)



Physical Acoustics Summer School  
**PASS**  
— 2026 —







## In Vivo Ultrasound Imaging

*Gordon Research Conference*

# Translational Applications of Ultrasound Imaging in Disease Diagnosis, Staging and Therapy

August 16 - 21, 2026

[Apply Now](#)

**GRC Education Requirements:** Undergraduates or those who have not obtained a bachelor's degree in science/engineering (or acceptable equivalent) are not eligible to apply to attend Gordon Research Conferences or Seminars.

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### Chairs

Hong Chen and Agata A. Exner

### Vice Chairs

Mario Fabiilli and Chengzhi Shi

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### Waterville Valley

56 Packard's Road

Waterville Valley, New Hampshire,  
United States

[Venue and Travel Information](#)





Frank Hanswijk  
[www.frankhanswijk.nl](http://www.frankhanswijk.nl)

## The 31st European symposium on Ultrasound Contrast Imaging January 22-23, 2026

# Finance Committee is establishing a new Operating Reserve Fund

- 3-5% of the operating reserve fund (ORF) will be available for new, big ideas annually that will benefit the whole TC and/or ASA community
- As we currently have \$10M in the ORF, \$300k will be available in 2026
- Requirements:
  - Not recurring – should be done in one year
  - Ideally has buy-in from whole TC
  - Proposals due Oct. 1
  - Finance committee decides and exec council ratifies
- Please send me ideas ASAP



# Future Meetings



# Spring 2026: Philadelphia Meeting – May 11-15, 2026

## **Final Sessions:**

1. Wearable ultrasound – Kathy Brown
2. Shocking considerations in therapeutic ultrasound – Ken Bader, Jonathan Sukovich, and Tanya Khokhlova
3. Vortex ultrasound – Chengzhi Shi and Likun Zhang
4. Ultrasound beamforming and its applications – Jian-yu Lu
5. Biomedical Methods: Messy, Marvelous, and Meh – Kevin Haworth, Virginie Papadopoulou, Tim Hall
6. Student Poster Competition – Virginie Papadopoulou and Eric Rokni
7. Advanced ultrasound vascular imaging and vessel characterization – John Cormack, Kang Kim, and Zhiyu Sheng
8. Student Poster Competition – Virginie Papadopoulou and Eric Rokni

**Abstracts Due January 12, 2026!**

# ASA School 2026



## Living in the Acoustic Environment

*9-10 May 2026  
Philadelphia, Pennsylvania*

**ASA School 2026:** 9-10 May 2026

### Immediately preceding the ASA meeting in Philadelphia

**ASA School 2026** is an Acoustical Society of America event for graduate students and early career acousticians in all areas of acoustics to learn about and discuss a wide variety of topics related to the interdisciplinary theme *Living in the Acoustic Environment*. ASA School 2026 follows on the success of six previous ASA Schools starting in 2012, and will provide opportunities for meeting instructors and fellow attendees; mentoring; discussing research; and developing collaborations, professional relationships, and friendships within acoustics.

**Program and Costs:** ASA School 2026 will take place at the Inn at Villanova University, about 30 minutes' drive from the ASA Meeting hotel (Philadelphia Marriott Downtown). The two-day program will include presentations and demonstrations by distinguished acousticians, discussions and professional development, and consideration of student research through informal poster sessions.

The registration fee is \$50. Hotel rooms at the Inn at Villanova for two nights (double occupancy) and meals will be provided by ASA. Participants are responsible for their own travel costs and arrangements including transportation to the Inn at Villanova. Transportation to the ASA Meeting hotel after the School will be provided.

**Participants and Requirements:** ASA School 2026 is targeted to graduate students and early career acousticians (within 3 years of terminal degree) in all areas of acoustics. Attendance is limited to 60 participants who are expected to attend all School events and the ASA meeting immediately following on 11-15 May 2026. ASA School attendees are required to be an author or co-author on an abstract for presentation at the ASA Philadelphia meeting.

**Application:** The application form and preliminary program will be available online in December 2025 at <https://acousticalsociety.org>.

# STUDENT PAPER COMPETITION

SPONSORED BY  
ASA EDUCATION  
AND ARCHIVES  
& HISTORY  
COMMITTEES

SEMINAL  
PAPERS IN  
ACOUSTICS

Presented at the  
ASA Philadelphia



Graduate and undergraduate students are invited to submit and abstract and present on a seminal acoustics paper of their choice. Presenters will be evaluated on:

- 1) Historical context of the seminal paper
- 2) Technical content (methods, results)
- 3) Why is it seminal (impact, ongoing relevance)?

We anticipate 3 monetary awards at the ASA Philadelphia Meeting!



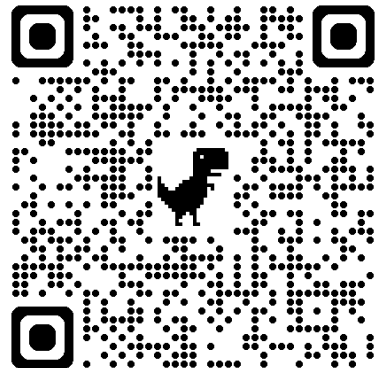
# Fall 2026: December 15-17, Baltimore, Maryland

- The motion passed that BATC will not have any sessions at the Baltimore meeting. Any abstracts submitted that would usually be assigned to BATC will be distributed to other technical committees.
- For those interested: each TC is being given 6 “time slots” of 4 hours each, including invited, contributed, poster, and TC meetings (can also have virtual before the meeting) – No parallel sessions allowed
- Rooms scheduled 7 am to 11:59 pm Tu/We, 7 am to 5 pm on Thurs
- Plenary/Social is Wednesday
- The 3-day meeting is a trial



Spring 2027, Brussels, Belgium June 21-27; joint with EAA/ABAV

- Preference for ASA/EAA Co-chairs for sessions
- Sessions proposed by ASA will be matched to EAA areas and vice versa
- Want sessions semi-final by March 2026; few sessions can be added in PHL



Other BATC Business



**2<sup>nd</sup>**  
**International**  
**Lung**  
**Ultrasound**  
**Symposium**  
**4-6 June 2025**  
**Trento - Italy**





Let's continue

3rd

International

Lung

Ultrasound

Symposium

June/July 2027 [ASA Brussel?]

Trento - Italy



# Student Council Rep

TC: Biomedical Acoustics



**Cassidy Christie**  
University of Texas at Austin

Term: Fall 2025 - Spring 2027

# Student Council

## Chair: Chirag Gokani



# Incoming Student Representatives

MU - Kevin Kim (*replacing May Pik Yu Chan*)

# Upcoming Student ★ Rep. Openings! ★

After ASA Spring 2026 (Philadelphia)

Acoustical Oceanography (**AO**)

Engineering Acoustics (**EA**)

Psychological and Physiological (**PP**)

Speech Communication (**SC**)

# Special sessions hosted by Student Council

## Introduction to Technical Committees

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- Took place on Monday
- ~25 participants per session
- Feedback?

## Hot Topics in Acoustics (3aID)

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- Wednesday 11:00AM-12:00PM  
in Coral 4
- Encourage your students to  
attend!

Acoustical Oceanography in the Coastal Arctic  
(*Grant Deane*)

Modifying classical behavioral and physiological  
hearing tests to study baleen whale hearing  
(*Dorian Houser*)





# Student Events

**TOTAL STUDENTS PRE-REGISTERED: 584**

Monday (12/01)

**First-Time Attendee/Student Orientation**

**Student Meet and Greet**

**Student Informal Outing**

Wednesday (12/03)

**Student Reception**

6:00 – 7:30 PM

Rainbow Suite



**200+ attendees!**



**200+ attendees!**





## Students & Members Join “Students Meet Members for Lunch” (SMMfL)!



**Student Outreach for Networking  
& Integrating Colleagues**

# SONIC



Student Outreach for  
Networking and Integrating Colleagues

**Make connections as a Newbie!  
Help fellow students as a Guide!**

Info / sign-up:





## Collaboration with Acoustical Society Japan (ASJ) Student and Young Researchers Form

- Promote **networking** among young researchers
- Share information on events through our website and SNS
- **Organize events at conferences** for students and young researchers





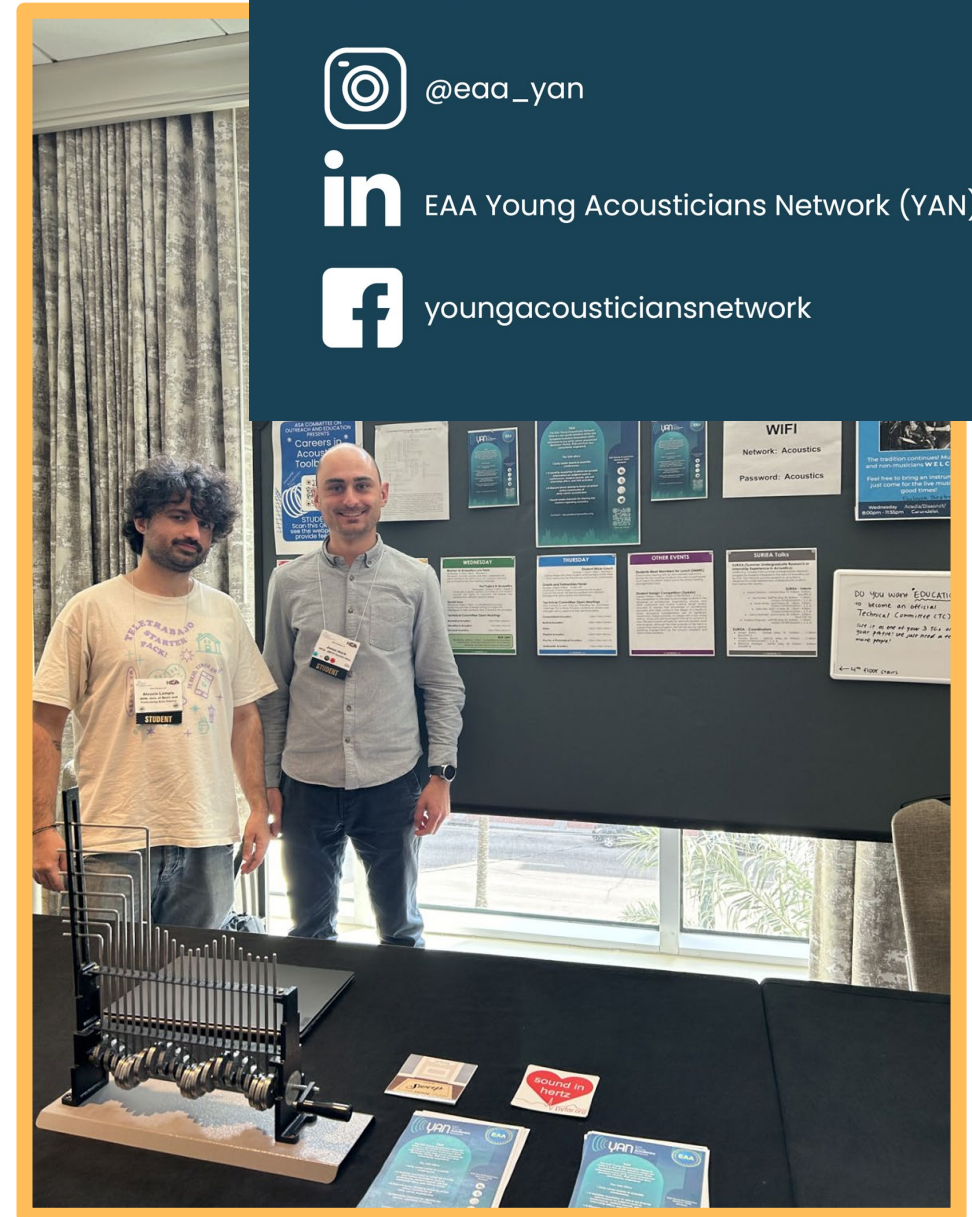


# Collaboration with Young Acousticians Network European Acoustics Association (EAA-YAN)

**EAA-YAN** is a non-profit initiative to connect and provide support for a community of young researchers and professionals in the field of acoustics!



**Join us!**



asastudents.org



Check out our website!

# CONTACT US



asastudentcouncil@gmail.com



Acoustical Society of America Students



@students\_ASA



@ASAStudents



@asastudents





# The BATC Student Competition subcommittee is looking for new student members!

- Subcommittee Goals:
  - Advertise and run the competition
  - Evaluate scoring methods



Please reach out to with any questions to  
[gmw5253@psu.edu](mailto:gmw5253@psu.edu)

# Updates from BATC Reps?

- Membership Committee: Bob McGough
- Medals and Awards: Vera Khokhlova
- ASACOS: Wayne Kreider
- Archives and History Committee: Juli Simon
- Research and Education: Ekaterina Ponomarchuk and Mohamed Ghanem
- TPOM: John Cormack and James Kwan
- CIRDI: Eric Rokni
- College of Fellows: Hong Chen
- Media Liaisons: Kevin Haworth and Tyrone Porter
- Student Rep: Cassidy Christie



Sign in QR code

