

Virtual Meeting

187th Meeting of the
Acoustical Society of America

Speech Communication Technical Committee
Open Meeting
Nov. 21st, 2024

Chair: Benjamin V. Tucker



<https://tcscasa.org/>

SC Members Serving ASA

Ann R. Bradlow, Past Vice-President

Judy R. Dubno, Treasurer, Foundation Board

Peggy Nelson: Foundation Board

Fredericka Bell-Berti: Archives and History;
Foundation Board

Robert Port: Archives and History

Zhaoyan Zhang: Medals & Awards Committee
Rep, Archives and History , Public Relations

Susannah Levi: Improve Racial Diversity and
Inclusivity Rep, Member Engagement

Tessa Bent: Member Engagement

Rajka Smiljanic: Membership Committee

Christine Shadle: Prizes and Special
Fellowships; Ethics and Grievances; ASA Books

Maureen Stone: Chair – Investments

Carol Espy-Wilson: Improve Racial Diversity
and Inclusivity

Jody Kreiman : Finance

Christina Zhao, Richard Wright, Linda Polka
(chair): Acoustics Webinar

Sarah Rose Bellavance: Student Council
Rep

Steven Lulich: Virtual Meeting Organizer

Benjamin Tucker: Outreach and Education

Brian Monson: Outreach and Education

Suzanne E. Boyce: Executive Council,

Member Engagement Admin

benjamin.tucker@nau.edu



Associate Editors of JASA, JASA-EL & POMA

JASA

Z. Zhang (Coordinating Editor)

P. Alku

M. Babel

S. Fuchs

F. Kleber

J. Kreiman

J. Kuang

S.V. Levi

S. Mattys

Y. Stylianou

B.V. Tucker

R. Wright

B. Yegnanarayana

S.A. Fulop: Patent Reviews

JASA-EL

Y. F. Holt

P. Mok

D.D. O'Shaughnessy

I. A. Shport

K. J. Van Engen

M. Zaňartu

POMA

M. Renwick

N. Jakovljević

benjamin.tucker@nau.edu



Term to 2027

Melissa M. Baese-Berk
Kelly H. Berkson
Ann R. Bradlow
Cynthia G. Clopper
Margaret E. Cychosz
Mary M. Flaherty
Matthew Goldrick
Yolanda F. Holt
Nichole Houle
Sung-Joo Lim
Jing Lu
William L. Martens
Brian Monson
Tyler Perrachione
Melissa Polonenko
Melissa A. Redford
Irina A. Shport
Nirmal Srinivasan
Kristin J. Van Engen
Yue Wang
Natasha Warner
Matthew D. Winn
Kiyoko Yoneyama

SC TC (aka advisory board)

Term to 2026

Pertti Eemeli Palo
Chao-Min Wu
Ram Charan Chandra Shekar
Brittany Jaekel
Yang Zhang
Prof Issa Panahi
Alexandra Pfiffner
Reethee Antony
Michael J. Kiefte
Douglas O'shaughnessy
Issa Panahi
Patricia Keating
Joan A. Sereno
Deniz Baskent
Jeff Berry
Brandon Merritt
Brad H. Story
Susannah V. Levi
Zhaoyan Zhang

Term to 2025

Daniel Aalto
Hans Rutger Bosker
Pasquale Bottalico
Laura C. Dilley
Qian-Jie Fu
Nikša Jakovljevic
Chang Liu
Xin Luo
Kimberly M. Meigh
Linda Polka
Vishakha Rawool
Katharina Schuhmann
Rajka Smiljanic
Jill C. Thorson
Mark VanDam
Marcin Wroblewski
Yan H. Yu
Christina Zhao

Chair: Benjamin V. Tucker
Term to 2025

benjamin.tucker@nau.edu



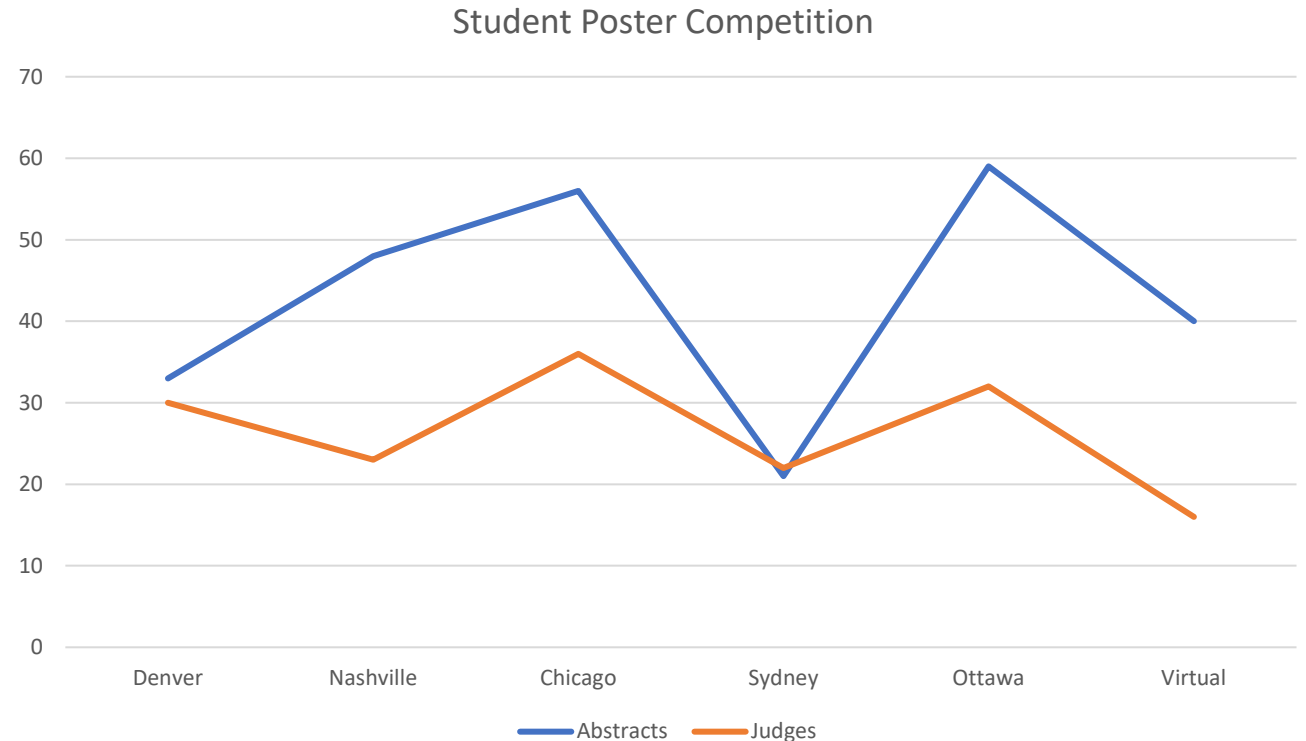
Student poster competition: Ottawa

- **Winners**
 - 59 students entered the Student Poster Competition at the Ottawa meeting
 - 32 judges
 - **Ivan Fong** (Simon Fraser University) "Phonetic adaptation in conversation: The case of Cantonese tone merging"
 - **Sarah Biehl** (University of Cincinnati) "Optimization of classifying accurate and misarticulated speech sounds for use in a gamified real-time ultrasound biofeedback system"
- All students are emailed the feedback comments from the judges!



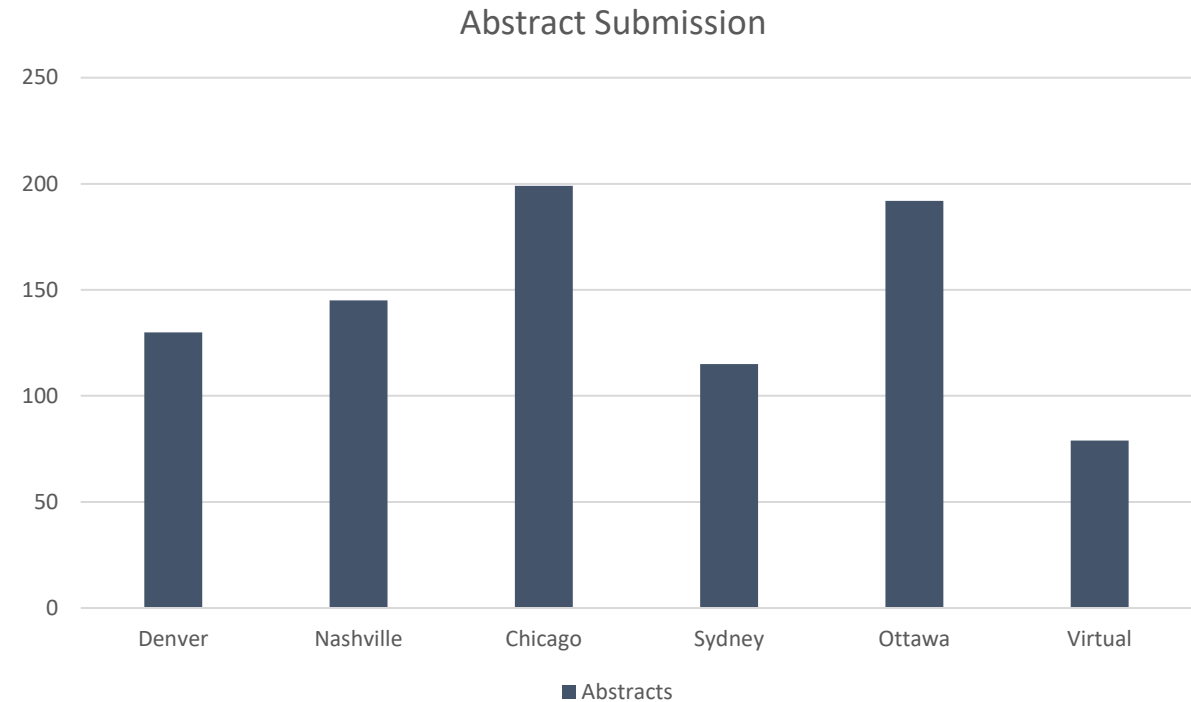
Student poster competition: Virtual

- 40 students
- 16 judges ?!?
- Thanks to:
 - **Laura Koenig, Brooke Merritt, Yan Yu**
 - **all the judges!**



Technical Program Organizers: Virtual

- Thanks:
 - Kelley Berkson, Lisa Redford, Megan Clayards
- 79 abstracts
- TPOs (New Orleans):
 - Kelley Berkson, Lisa Redford, Megan Clayards





Student Council Rep

TC: Speech Communication



Sarah Bellavance

srb664@nyu.edu

New York University

Department of Communicative
Sciences and Disorders

Term: Fall 2024 - Spring 2026

Interested in getting involved?





Check out our website:
asastudents.org



CONTACT US



@students_ASA



@asastudents



@ASAStudents



Acoustical Society of America Students



asastudentcouncil@gmail.com



NEW!

LinkTree
@asastudents



Planning ahead: New Orleans

- Blackstock Mentor Award will be announced - thank you for your nominations!
- Pronoun stickers available for all members
- Looking forward to meeting new faces!





Application for Transfer to Full Membership

Submit to asa@acousticalsociety.org

Apply for full membership!

- We have 239 associate members who could be full members!
- You can vote and be on committees
- Looks better if someone wants to nominate you for anything!
- application is streamlined online
- <https://acousticalsociety.org/wp-content/uploads/2019/04/fullapp.pdf>

To transfer to full Membership, complete the form below and return it by email with your c/v or a description of major professional experience asa@acousticalsociety.org.

Member: Any person active in acoustics, who has an academic degree in acoustics or in a closely related field or who has had the equivalent of an academic degree in scientific or professional experience in acoustics, shall be eligible for election to Membership in the Society. Election to full Membership may require six months or more; dues as a full Member will be charged in the year following your election.

Last Name First Name MI Title

Institution Department

Telephone Email

Highest Academic Degree Month/Year Institution Granting Degree

Field of Degree

Please indicate your three main areas of acoustical interests

1st 2nd 3rd

Applications require the names and email address of two full Members or Fellows who will sponsor your full Membership request.

Sponsor's Name/Email

Sponsor's Name/Email

Major Professional Experience/Contributions to Acoustics: Please include a separate attachment with your transfer application which contains a summary of your professional experience and contributions to acoustics (i.e., resume, curriculum vitae).

benjamin.tucker@nau.edu



Reminders

- **FUNDING OPPORTUNITIES:**
 - **Technical Initiatives**
 - Student transportation subsidies fund
 - The Committee on Women in Acoustics (WIA) sponsors Young Investigator Travel Grants
 - The Committee on Women in Acoustics (WIA) sponsors Dependent Care Subsidies
 - Early Career Travel Support Awards
 - [Robert W. Young Award for Undergraduate Student Research in Acoustics](#)
- ASA Foundation

Education in Acoustics

- New technical specialty group!
- Can become a full technical committee if 6% of the society list Education in Acoustics as one of their interests
- You can now list three interest areas.

www.acousticalsociety.org

- select “Membership”
- then “Membership Directory”
- then “View/Change Profile” under “My Profile”

Education and Outreach

- Education and Outreach Committee is looking for volunteers
- Current projects:
 1. Online outreach: Develop a careers in acoustics resource to launch on exploresound.org
 2. School outreach: Launch the new school demo kit initiative
 3. Meeting outreach: Reboot outreach at the meetings with a middle/high school hands-on session at the New Orleans meeting
 4. Community outreach: Encourage ASA chapters and members to hold a community outreach event in conjunction with "Protect Your Hearing Month" in Oct 2025

ASA Diversity Initiatives

Committee to Improve Racial Diversity and Inclusivity

- Stay up to date on diversity initiatives
- Contribute to initiatives focused on equity and inclusion within the society
- **Want to learn more? Join our mailing list:**
<https://acousticalsociety.org/keep-me-informed/>

James E. West Fellowship

- \$30,000 minority fellowship
- **Next available in 2026!**

Spanish Speaking Acousticians Chapter

- Join by emailing ssaacousticalsociety@gmail.com

Women in Acoustics

- Chair: Jessica Clements
jessica.clements@smithgroup.com

SURIEA 2025 Mentor Applications

The Summer Undergraduate Research and Industry Experience in Acoustics (SURIEA) provides undergraduate students with hands-on opportunities through 10–12-week mentored experiences in academia and industry.

Early Bird Application

- Guaranteed mentee match if selected
- Must provide student support funding (>\$9600)
- Limited to 5 mentors (or regular consideration)
- **Deadline: 12/08/24**

Regular Application

- Traditional application process
- Funding provided by ASA for up to 5 students
- Matching based on program funding
- **Deadline: 01/31/25**

SEEKING MENTORS FROM ALL TECHNICAL AREAS, IN PARTICULAR:

Musical Acoustics

Acoustical Oceanography

Animal Bioacoustics

Computational Acoustics

Underwater Acoustics

Structural Acoustics and Vibrations

For more information or to submit an application, visit <https://acousticalsociety.org/suriea/>

News from the Public Relations Committee

Media Liaisons

ASA routinely receives media inquiries to help identify individuals with expertise in acoustics, often needing quick responses. Each TC requires providing at least 2 media liaisons, or individuals willing to respond to media requests in a timely manner. The PR committee offers resources to help you feel more comfortable talking to the media, including occasional media training sessions during conferences. Please contact our chair if you're interested becoming a media liaison. [TCs missing at least one liaison – EA, PA, SA]

TC Representative

We are looking to fill our committee with at least 1 representative from each TC to best represent our committee and relay news during your TC meeting. This can be one of your media liaisons, but is not required. Please contact our chair if interested.

Acoustics Lay Language Papers (ALLP)

A reminder that ASA offers all those with a conference abstract to submit lay language papers. These are 300-500 word summaries of meeting presentations written by scientists for a general audience. Authors are recommended to submit papers before conferences to help promote their talks, but papers can be submitted at any time after conferences. Unlike JASA or POMA, lay language papers do not need to be peer reviewed, offer a quick path to disseminate work, and help create media interest. See acoustics.org/lay-language-papers/ for more information.

PR Committee Chair: Molly Smallcomb, molly.smallcomb@gmail.com





Free to Authors

The cost of publishing in POMA is included in the ASA Meeting registration fee.



Free Access

POMA articles are published online, available *without cost* to all readers, and are indexed in scholarly databases.



Rapid Publication of Results

POMA's editorial process makes it a timely forum for viewing the latest work in acoustics. The average time from acceptance to publication is 7-10 days.



Your Research Gets Noticed

Published articles are actively promoted on social media and in email campaigns. POMA content published in 2018 was downloaded over 27,000 times.



Available for All Cosponsored Meetings

ASA-approved cosponsored workshops and conferences can take advantage of POMA's customizable publishing process.



Published and Permanently Archived

Turn your paper presentation or poster into a published paper with an assigned DOI # to ensure identification and increase exposure.



Highly Qualified Editorial Board

Editorial Board members are experts in their field, providing invaluable feedback and expertise.



Special Session Collections

Utilize POMA to feature emerging research areas, hot topics, societal impacts of acoustics, and history and contributions of prominent members.



Submission Process is Fast and Easy

Templates are available for authors and our editorial staff is always responsive and helpful.

POMA's rolling submission policy invites corresponding manuscripts from all past ASA Meetings!

If you have presented at any ASA Meeting, turn it into a published paper in POMA. It's not too late!

POMA Student Paper Competition

POMA holds a series of society-wide student paper competitions for a POMA submission based on a presentation or poster from ASA meetings.

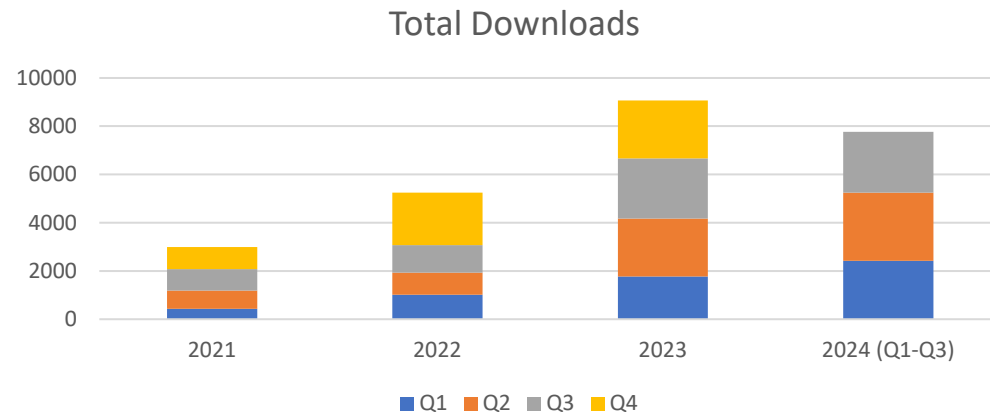
Award Amounts: Up to five student papers will receive an award of **USD \$300**. Additionally, the student paper winners will be noted on the POMA cover page and their article will be promoted in email and social media campaigns. Student winners are also featured on **Across Acoustics** (ASA publications podcast).

Timeline: The competition deadline is 11:59 pm EST, 30 days after the meeting.

If you are not participating in the competition, you can submit to POMA anytime!

ACROSS ACOUSTICS PODCAST

- Follow us at <https://acrossacoustics.buzzsprout.com> or through your favorite podcast app
- Now has 60+ episodes, highlighting popular articles from each of the publications as well as special topics
- Most recent episodes:
 - Lincoln Center and the Greatest Acoustic Failure of the 20th Century
 - We Don't All Talk the Same: Teaching Linguistic Diversity
 - Measuring the Big Impact Vibration Has on Small Microphones
 - Student Paper Competition: Sydney
 - Why don't speech recognition systems understand African American English?
 - New Research Roundup: Musical Acoustics
 - Acousto-Optics: Sensing Sound with Light
 - Ultrasound Transducers for Measuring Martian Wind Speeds
 - Can sound be used to diagnose arteriosclerosis?
 - How Classroom Acoustics Fail Autistic Students and Teachers
 - Continuous Active Sonar's Impact on Killer Whales
 - An Ultrasound-Based Touchscreen
- Over 25,000 total downloads
- New milestone: We exceeded 1,000 downloads in a single month with 1,241 downloads in October



Virtual Meeting

- 2024 Fall, Virtual
 - Session in honor of Ken Stevens' 100th birthday (Stefanie Shattuck-Hufnagel; Abeer Alwan, Maria-Gabriella Di Benedetto)
 - Workshop on hot topics in speech (postdoc led)
 - Webinar presentation (nominations)
 - Two contributed sessions (5 min videos, speech-ify playlists, or make your own)

Future ASA meetings

- 2025 Spring, **New Orleans, Louisiana** (joint with ICA)
19-23 May 2025
Abstract deadline – January 8th
- 2025 Fall, **Honolulu, Hawai'i** (joint with ASJ)
1-5 December 2025
- 2026 Spring, **Philadelphia, Pennsylvania**
11-15 May 2026

Special Sessions

- 2025 Spring (May 18-23), New Orleans (joint with ICA)
 - At the intersection of speech and architecture (Pasquale Bottalico, Ken Good (AA), Evelyn Hoglund, Arianna Astolphi (EAA))
 - Speech Perception Beyond Intelligibility (Melissa Baese-Berk, Susannah Levi)

Special Sessions

- 2025 Fall (Dec. 1-5), Honolulu (joint with ASJ)
 - The history of speech communication research
Benjamin Tucker (ASA), Takayuki Arai (ASJ)
 - The mechanical and numerical modeling of speech production
from the past to the future
Zhaoyan Zhang (ASA), Tsukasa Yoshinaga, (+Takayuki Arai) (ASJ)
 - Degraded speech perception and its modeling
TBA (ASA), Kazuo Ueda (ASJ)
 - Visualizing articulation of L1 and L2
Ai Mizoguchi (ASJ), Harim Kwon, Suzy Ahn (ASA)
 - Self-supervised learning for speech technologies and speech
technologies utilizing foundational models (pre-trained models)
TBA (ASA), Kei Hashimoto (ASJ)

Special Sessions

- 2026 Spring (May 11-15), Philadelphia
 - Ideas?

benjamin.tucker@nau.edu



Other Business

- Any feedback on the Virtual meeting?
- Anything else?

Meeting adjourned!

benjamin.tucker@ualberta.ca

