
ED Special Sessions the Next ASA meeting

ASA #186 Ottawa, Canada (May 13-17, 2024)

Call for papers will go out in December 2023

- **Artistic and Technical approaches to Acoustics** – Gordon Ramsey, Olivier Robin, and Andrea Calilhana
 - This session is designed to provide a cross feed that can integrate artistic elements (music and visual arts) and technical elements (physics and technology) into acoustics courses and vice-versa.
- **Teaching Acoustics with (or without) Math** – Jill Linz, Kurt Hoffman, Dan Russell . . .
 - No matter what level acoustics we teach, the math level used is always a strong consideration in the course design. Instructors of acoustics related courses at all levels are invited to submit papers sharing best practices or innovative ideas for integrating mathematical techniques and/or concepts into their courses. At the non-major or introductory level the choices are often how to discuss important concepts without utilizing mathematical tools beyond the capability of students, whereas at the advanced undergraduate or graduate level, acquiring facility with advanced mathematical techniques is likely a learning goal of the course, thus changing the pedagogical options. We are interested in contributions at the single lecture or unit level of planning to the scaffolding of an entire course or maybe even sequential courses.
- **Acoustics education: A potpourri of classical and unusual materials and demonstrations . . .** – Olivier Robin, Dan Russell?
 - This session aims to bring together acoustics education specialists, educators and solicitate demonstrations, talks and a panel discussion.

Proposed ED Special Sessions for upcoming ASA meetings

ASA 187 -- Fall 2024 . . . Virtual ONLY

- **Undergraduate Poster Session (with presentations?) Session – SURIEA students?** – Keeta Jones, Dan Russell
 - Discussion Comments from the May 2023 Chicago meeting**
 - SURIEA – students, grads, instructors, mentors . . . 2023 cohort?
 - Open to all undergrads . . . but there are not a lot of undergrads attend ASA . . .
 - Request \$\$ for poster prizes . . . we want more than just SURIEA students . . .
 - Contrasting desires:. . . faculty want their students to present in a “normal” session . . . students like to present in a less scary type session . . .
 - Should this be a POSTER session? OR just a special session for undergraduate research?
 - Ask / invite Robert Young Undergrad Award Winners to present their work?
 - Need some “older” members to attend the session to talk to and provide feedback / questions for undergrad presenters
 - Be careful of prizes for posters **and** presentations . . . not fair to compare posters and presentations
 - Is this the right meeting? Online is NOT the same as in-person
 - NEW comments? Keep this session or not?
- **Book(s) (and/or Blogs?) that inspired me to change my approach to teaching** – Dan Russell, John Buck
 - Share a book that changed your approach to teaching. Summarize the book, explain what you took away from reading it, and how it changed your teaching.
- **Virtual Show ‘N Tell: virtual tours of teaching labs / demos / experiments)** – Dan Russell, ???
 - Showing a demonstration or laboratory experiment from your own laboratory.
- **Embracing ChatGPT as an instructional tool for acoustics education** – ???
 - Using ChatGPT (perhaps real-time?) as an educational tool . . . starting point (first draft) of a paper that students then edit, helping to write homework problems, developing rubrics, writing code (debug).
- **Teaching Acoustics Virtually** – Laura Ruhala? . . .
 - Online tools for teaching acoustics

ASA 188 New Orleans . . . (Spring 2025)

- **Workshop for presenting to (target audience) – organizer-. . . (Keep this or discard?)**
 - For all attendees . . . how to present to non-scientists
 - Andy Piacsek – Public Relations committee . . . communication of science ideas
 - John Buck -- I just got a sci comm book called “Don’t be such a scientist” by Randy Olson, who is a marine biology prof who turned filmmaker. I haven’t read it yet, but wonder if he could be a keynote/invited speaker for such a session.
 - David Brown -- "Talk like an Acoustician" -- like in Steve Garret’s book
- **Additional Special Session #1 – ???**
 - description .
- **Additional Special Session #2 – ???**
 - description.

Updates from ED subcommittees

SMMfL (Students Meet Members for Lunch) – Martin Lawless, Chair

Update =>

Teaching Activity Kit 2.0 Subcommittee – Keeta Jones, Andrew Morrison, Kim Riegel, Dan Russell, Andrea Calilhanna, Ben Tucker, David Brown.

Update =>

The 2023 Rossing Prize Selection Subcommittee:

Two (2) new nominations were received for 2023, along with four (4) carry-over nominations from 2022. Four nominations were quite strong, and there was a near tie between the top two. The 2023 Rossing Prize will be awarded to **Scott Sommerfeld**, with the Rossing Prize Lecture to be given at ASA 186 Ottawa meeting in May 2024.

The 2023 Robert Young Award for Undergraduate Research Subcommittee:

Seven (7) application were received. Funds are available for five (5) awards of \$750 each. Award winners are still being finalized when this agenda was being written.

Education in Acoustics Book Reading Club:

Each Friday starting in August 2023, a group of EDCOM members (4-9 members) have been meeting to discuss chapters of *How Learning Happens – Seminal Works in Educational Psychology and What They Mean in Practice*, by Paul Kirschner & Carl Hendrick. Starting in January we will begin reading and discussing *How Teaching Happens – Seminal Works in Teaching and Teaching Effectiveness and What They Mean in Practice*, by Paul Kirschner, Carl Hendrick, & Jim Heal. Small group meeting to discuss – but very lively and encouraging and productive discussion.

Reports from ASA Outreach and Education Coordinator (Keeta Jones)

Update from SURIEA 2023 and plans for SURIEA 2024

- students
- mentors

[Need for additional members of the SURIEA planning committee??](#)

BOOTHS and STEM Fairs for 2023

[We need to submit a financial request for 2024 Outreach plans \(24 hours after this meeting\).](#)

- SACNAS –
- NSBP –
- ISEF

NEW Business (Discussion Topics)

Discussion Topic #1: Conversion of EDCOM to Technical Specialty Group

At the May 12, 2023 meeting of the Executive Council, the EC voted unanimously to begin the process of converting EDCOM into a Technical Specialty Group as the next step toward becoming a full-fledged Technical Committee.

Next Steps from the Executive Council and ASA president:

On December 3, 2023 at the ASA Sydney meeting, the Executive Council will formally vote to:

- Sunset the current Administrative Committee on Education in Acoustics
- Establish a new Technical Specialty Group (TSG) on Education in Acoustics (ED)
- Establish a new Administrative Committee on Outreach and Education

ED will begin functioning as a Technical Specialty Group at the ASA 186 Ottawa Meeting

- In-person TSG meeting during the ASA week (will keep a Zoom component)
- Re-boot ED membership list (TSG membership is initially appointed by ASA president)
 - Current EDCOM membership will be evenly distributed, with possible purging of people who have not participated in any ED meeting or function for the last 6 years.
- New Chair for ED TSG -- New chair is appointed by ASA president (approved by EC).
 - Dan Russell's second 3-year term as chair of EDCOM ends at Ottawa
 - Current and previous 2 chairs of EDCOM formed nomination committee (as per TC handbook rules) and have 3 names to recommend for ED chair.

ED will operate as a Technical Specialty Group for three (3) years

- Obtain support of 2% of the individual ASA membership (select ED as their 1st, 2nd, or 3rd choice)
- Continue organizing special sessions and other functions as we have been doing.
- ED chair will represent the TSG at meetings of the Technical Council (without vote).
 - Full rights TC funds (\$1500 per year) and proposals for technical initiatives (\$5000 -- \$7500)
- TSG is not represented on Committee on Medals and Awards, Membership Committee, Student Council, or ASACOS.
- TSG is not eligible for technical area awards of the Society but may encourage the timely preparation and submission of dossiers for Fellowship of the Society.

Administrative Committee on Outreach and Education will begin operating at ASA 186 Ottawa

- Membership of this new admin committee will be appointed by ASA president
 - Keeta Jones (ASA Education and Outreach Coordinator)
 - Chair of ED TSG
 - Three (3) members recommended/appointed by ED chair ([any volunteers?](#))
 - Two (2) members appointed by ASA Outreach Council or Executive Council
- The function and role of the Administrative Committee on Outreach and Acoustics Education would be to assist and advise the full-time ASA Education and Outreach Coordinator (Keeta Jones) by
 - Overseeing the development and distribution of the ASA Teacher Activity Kit 2.0
 - Supporting the ASA Booths Initiative – providing ASA presence at professional society meetings attended by undergraduate students and faculty from under-representative backgrounds (NSBP, SACNAS, etc.)
 - Planning, coordinating, and hosting outreach activities for middle- and high-school students during ASA meeting.
 - Providing input for ASA outreach activities (ExploreSound.org, etc.)
- The Administrative Committee on Outreach and Education would answer directly to the Administrative Outreach Council, and then to the Executive Committee. Reports and financial requests would be submitted through the normal chain and processes for committees under the Administrative Outreach Council.

OPEN DISCUSSION

name – comment

Discussion Item #2: Outreach Plans for 2024-2025

The next three ASA meetings are out-of-country:

- Fall 2023 – ASA 185 – Sydney, Australia
- Spring 2024 – ASA 186 – Ottawa, Ontario, Canada
- Fall 2024 – ASA 187 – Virtual (online only)

So our next in-person meeting in the US is Spring 2025 for ASA 188 in New Orleans. What kind of outreach activities should we be planning for 2024-2025 and beyond?

OPEN DISCUSSION

name – comment . . .

Call to Adjourn:

Moved by:

Meeting adjourned

Seconded by: