

MINUTES from the Zoom ED Com Meeting – (May 12, 2020)

(Tuesday, May 12, 3:00-4:00pm EDT)

Virtual Zoom meeting was called to order at 3:02pm by ED Comm Chair, Dan Russell. The meeting was recorded and is available at: https://psu.mediaspace.kaltura.com/media/t/1_lea7csm9

Attendance: (37 people participated in the Zoom meeting)

David Blackstock, Fredricka Bell-Berti, John Buck, Andrea Calilhanna, Jim DeGrandis, Jack Dostal, David Dowling, Carr Everbach, Phil Faraci, Mahdi Farahikia, Tom Gabrielson, Mark Hamilton, Kurt Hoffman, Evelyn Hoglund, Keeta Jones, Matt Kamrath, Martin Lawless, Jill Linz, Brian Monson, Tom Moore, Andrew Morrison, Traci Neilsen, Stephen Onwubiko, Andy Piacsek, Gordon Ramsey, Kim Riegel, Michael Rollins, Dan Russell, Juli Simon, Steve Thompson, Ben Tucker, Michelle Vigeant, Cameron Vongsawad, Jérémie Voix, Preston Wilson, Randy Worland, Daniel ??

Approval of Minutes from ASA 178 – San Diego

Motion to approve minutes as submitted – *Freddie Bell-Berti*. Seconded – *Jim DeGrandis*

Announcement of Awards

Rossing Prize in Acoustics Education

Selection committee met (online) from 5:30-6:00pm EDT to discuss the two (2) nominations. A recipient of the 2020 Rossing Prize was selected; the name will be released later after confirmation and approval from the Prizes and Special Fellowships Committee. Current plan is to have the recipient deliver the Rossing Prize Lecture at the Fall 2020 meeting (hopefully in Chicago).

- Discussion about ways to solicit a larger number of qualified nominations included asking the ASA Student Council and Student Chapters for faculty ideas. We will also reach out to other academic societies (like AIP, AAPT, ASEE) and will advertise the Prize to our sister Acoustical Societies in Europe, South America, Asia.

Special ED Sessions for upcoming ASA 179 Chicago (Dec. 8-12, 2020)

A new Call for Papers will be sent out sometime in June/July – abstracts which had been accepted for the (cancelled) May meeting will have to be re-submitted. New abstracts are welcome and invited.

ED Organized Sessions

- **Hands-On Demos** (for Middle / High School students)
- Listen Up and Get Involved (?) (*waiting to learn if Girls Scouts or other groups will participate*)
- **Rossing Prize Lecture**
- **Acoustics Demonstrations for Classroom Teaching** – Dan Russell (ED – with MU, PA, SA, NS, AA)
 - Innovative and novel apparatus for demonstrating acoustics concepts in the classroom, for introductory, advanced, and graduate level courses. Classical demonstrations are welcome, but we are especially looking for demonstrations from a wide variety of topical areas, demonstrations of phenomena that can be difficult to understand or visualize, and new or innovative ways of demonstrating acoustics and vibration concepts. A panel discussion will follow for audience members to interact with demonstrations and presenters.
 - Limited funds are available to assist in shipping equipment to Chicago.
 - **7 invited presentations were scheduled for original May meeting – hopefully all 7 (and perhaps 1-2 more) will present in December.**
- **Undergraduate Research Exposition Poster Session** – Dan Russell (joint with ID)
 - Travel funds are available – applications available from ASA office.

Special Sessions that ED is co-sponsoring with other TC

- **Graduate Programs in Acoustics Poster Session** – Kieren Smith (Student Council, ID)
- **Teaching Speech & Hearing Science to Undergraduates** – Freddie Bell-Berti, Alexander Francis and Jenny Lentz (SC joint with ED, PP) *This session might be moved to Seattle (June, 2021).*
- **Musical Acoustics Education at Undergraduate Level** – Andy Morrison (MU joint with ED)
- **Larry H. Royster Memorial Session** – (organized by Noise joint with ED)
- **New Developments in Classroom Acoustics** (Architectural joint with Standards, Noise, Speech, ED)

Depending on the status of the COVID-19 pandemic situation in Chicago, IL later this year, it is possible that the Dec. 2020 Chicago meeting may have a virtual (online livestreaming) component mixed with small group in-person sessions. It is also possible that the entire meeting may have to be moved online. A task force (headed by Andy Piacsek) is exploring various streaming technologies, vendors, and cost options. ED members should contact Andy if you are interested in participating.

Special ED Sessions for Future Meetings

ASA 180 – Seattle, WA – (June 7-11, 2021)

- **Hands-On Demos**
- Listen Up and Get Involved ([depending on Seattle area Girl Scouts Interest](#))
- **Connecting Industry and Education** – Jim DeGrandis and Dan Russell
 - [Case studies and examples of successful partnerships between industry and educational institutions. Internships, equipment donations, educational programs, mentoring, etc.](#)
- **Best Practices in Scientific Computing** – Kim Riegel (joint with CA)
 - [Tips and tricks for using GitHub, creating unit tests, IDEs, Creating User Interfaces, etc.](#)
- **STEAM ideas and resources for science fair projects – teaching younger kids** (Kim Riegel – Andrea Calilhanna – Cameron Vongsawad)
 - [Acoustics related ideas and resources for science fair projects or home-schooling activities.](#)
 - [We will reach out to Seattle area teachers and schools and the Seattle area ASA Regional chapter](#)
- **Tour (or social event) at the Pacific Science Center?** – Keeta Jones will follow up

ASA 181 – Sydney, Australia – (December 6-10, 2021)

The Technical and Executive councils have asked that these sessions involve a co-chair/co-organizer from both the ASA and also the Australian Acoustical society and/or one of the Asian acoustical societies.

- **Connections between Music and Math** – Andrea Calilhanna
- **Online Resources for Teaching Acoustics (with a music flavor?)** – Andy Morrison and Joe Wolfe?

Reports from Keeta Jones (ASA Outreach).

Slides of Keeta's presentation are attached at the end of these minutes (including links). Here are some highlights:

International Year of Sound (IYS):

- IYS has been extended into 2021. Events originally scheduled for 2020 can be rescheduled for 2021 and still count as part of the IYS 2020 celebration. Full details at <https://sound2020.org/coronavirus>
- Deadline for entries for student competition has been extended to December 31, 2020.
- Special IYS issue of *Acoustics Today* is available online at acousticstoday.org. Print copies are delayed until schools reopen.
- Social media campaigns for IYS are ongoing:
 - #JASAchat for World hearing day
 - #MysterySoundMonday (on Twitter and Instagram)
 - #WikiWednesday / #Wiki4YearofSound2020
 - #ASAJams – send a video of yourself/family playing or singing a song to Kjones@acousticalsociety.org.

Update on Booths Initiative – we have \$5000 to spend on exhibit booths at other society meetings:

- AAPT Expo Days (July 19-21) is now virtual, but no word so far how a virtual exhibit will work. Current cost is \$2400 but this may change once details about the virtual exhibit are finalized.
- SACNAS (Oct. 22-23) is planning to meet, but has alternate plans depending on what the COVID-19 pandemic looks like by then. Booth cost is \$2750
- NSBP (National Society of Black Physicists) – Nov. 5-7 – is planning to meet. No statement yet about COVID-19 alternatives. Booth cost is \$3000.

Keeta will make a decision how to spread the \$5000 budget (which meetings to provide a booth) once we know more about the pandemic situation later this summer/fall.

Other Education Outreach Events

- USA Science and Engineering Festival (budgeted \$3000) – physical event cancelled, but may take place in a TBD virtual STEM fair for exhibitors
- Regeneration International Science and Engineering Fair (budgeted \$9700) – event cancelled

Update on ASA Teacher Activity Kits

- Current kits are completely out of stock and company that used to make them is no longer able to do so. There is a standing budget of \$24,000 available for kits.
- We need to **design Activity Kit 2.0** and find a new company to build/assemble.
- Need to include input from other TC areas to expand practical applications of acoustics
- **Subcommittee =>** [Andy Morrison](#), [Kim Riegel](#), [Keeta Jones](#), [Bill Murphy](#), [Andrea Calilhanna](#), [Kurt Hoffman](#).

Noise Awareness Subcommittee

- International Awareness Day – was recognized with a social media campaign, minute of silence, reading materials. Letter in support of Quiet Communities Act of 2019 has been drafted and will be sent to Congress. Group soundwalks/tours have been cancelled due to COVID-19.

Other Outreach Activities

- Wikipedia Editing Workshop – has been postponed to December Chicago meeting
- Invited Speaker Series (ASA and SPS) has pivoted to virtual talks. Volunteer speakers are needed!
- Acoustics Education Workshop – was scheduled for summer 2020 AAPT meeting (which moved to an online virtual meeting). Plan to reschedule to next summer 2021 AAPT meeting.
- SPS Science Outreach Catalyst Kits (SOCKs)** – focus on Sound – will be built by SPS this summer to be made available to SPS and ASA chapters.

Other Subcommittee Reports

SMMfL (Students Meet Members for Lunch) – New chair (Martin Lawless) is working on ways to include post-docs but need a way to get more members to participate. Will be exploring the possibility of adding a page to the EDcom website to 1) advertise SMMfL, 2) be more transparent about how matches are made, and 3) keep a database of member volunteers (perhaps linked with the current ASA member database).

Special JASA issue on Education in Acoustics

Dan Russell and Preston Wilson will co-coordinate and co-guest edit this Special Issue. Call for Papers will go out late sometime mid-summer 2020.

Wrap Up and Adjourn

Meeting ended at 4:03pm. Motion to adjourn by Preston Wilson, seconded by ???? (didn't catch who it was). After the meeting ended, about 16 members hung around for another 10 minutes to chat.



ASA Outreach Updates

- ▶ Society Civic Science Initiative: <https://www.societycivicscience.org/>
 - ▶ Scientific societies working collaboratively to advance a culture of civic science, in which societal needs and diverse perspectives shape science, and scientific discoveries inform people, decisions, and policies.
 - ▶ Regarding COVID-19... Help point the public to good science: <https://www.societycivicscience.org/resources>

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- ▶ Booths Initiative: \$5000
 - ▶ AAPT (expo days July 19-21) is now virtual, but no information on virtual exhibiting
Booth: \$2400 (may change based on online exhibiting model)
 - ▶ SACNAS (expo days Oct 22-23) is planning to meet, but has posted possible outcomes should the meeting be altered: <https://www.2020sacnas.org/exhibit/#covid-19>
Booth: \$2750
 - ▶ NSBP (expo days Nov 5-7) is planning to meet. No statements in respect to COVID-19.
Booth: \$3000
- ▶ Teacher Activity Kits (Currently out of stock): \$24,000
Subcommittee: Andy Morrison, Kim Riegel, Keeta Jones, Bill Murphy, Andrea Calilhanna, and Kurt Hoffman
 - ▶ Design Activity Kit 2.0 and find a new company to build/assemble
 - ▶ Include more TC areas & add practical application components (Asked TC chairs to share)
- ▶ Hands on Outreach Sessions at Meeting in December TBD

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- ▶ USA Science and Engineering Festival: \$3,000
 - ▶ Physical Event canceled, but we may take place in a TBD virtual STEM Fair for exhibitors
 - ▶ Virtual Interactive Speaker series May 13-15 & May 18-19: <https://usasciencefestival.org/x-stem-all-access/>

- ▶ Regeneron International Science and Engineering Fair: \$9,700
 - ▶ Physical event Cancelled
 - ▶ A free virtual event will be open to the full scientific community but will not include judging: <https://www.societyforscience.org/press-release/regeneron-international-science-and-engineering-fair-goes-virtual-in-2020/>

- ▶ Noise Awareness Subcommittee
 - ▶ International Noise Awareness Day – recognized with social media campaign, minute of silence, reading material and home activities shared online: <https://exploresound.org/international-noise-awareness-day-2020/>
 - ▶ Letter in support of Quiet Communities Act of 2019 drafted and will be sent to Congress
 - ▶ Group Soundwalks/Tours cancelled

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IYS Updates

- ▶ IYS extended into 2021
 - ▶ Events originally scheduled for the 2020 can be rescheduled for the 2021 and still be part of the IYS 2020 celebration.
 - ▶ The national deadline for the student competition is now 31 December 2020. National winners must be forwarded to the ICA IYS2020 Steering Committee (Competition Coordinator Office) by 31 January 2021. Winners will be announced by 25 April 2021.
 - ▶ The ICA summary/overview event of the IYS 2020 at the 2020 ASA will be rescheduled during a suitable international meeting in 2021.

- ▶ Full statement online: <https://sound2020.org/coronavirus/>

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- ▶ The ASA-IYS online press kit is live: <https://acoustics.org/the-international-year-of-sound/>
 - ▶ Links to the IYS video series can be found on the press kit or go here directly: <https://exploresound.org/asa-iys-videos/>
 - ▶ Next video: Sonic Boom

- ▶ Special IYS Issue of Acoustics Today: <https://acousticstoday.org/issues/2020AT/SpecialIssue/#p=1>
 - ▶ Because schools are closed, we have delayed printing. Issues will be mailed when schools reopen

- ▶ Social Media campaigns for IYS are ongoing
 - ▶ #JASAchat for World Hearing Day: https://twitter.com/ASA_JASA/status/1234916457768681474
 - ▶ #MysterySoundMonday (only on twitter and Instagram)
 - ▶ #WikiWednesday / #Wiki4YearofSound2020 Join the campaign: <https://meta.wikimedia.org/wiki/Wiki4YearOfSound2020>
 - ▶ #ASAJams – Submit a video to Kjones@acousticalociety.org of yourself/family playing or singing a song for a virtual #ASAJam. Videos will be shared via ASA social media accounts and the public will be encouraged to post their own.

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- ▶ Wikipedia Editing Workshop – Rescheduled to December ASA Meeting

- ▶ Invited Speaker & Tour Series with ASA and SPS – TBD
 - ▶ Pivot to virtual talks – Need assistance!
 - ▶ Keeta Jones, Andrew Morrison, others?
 - ▶ Physical talks and tours postponed

- ▶ Acoustics education workshop
 - ▶ Was to be held at AAPT, which is now a virtual meeting
 - ▶ Will look at rescheduling to next summer meeting

- ▶ SPS Science Outreach Catalyst Kits for ASA & SPS Chapters
 - ▶ To be built by SPS and made available this summer

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