

## AGENDA for the ED Com Meeting – ASA 178, San Diego (Tuesday, May 14, 5:00pm in *Hanover*)

Pre-Meeting DRAFT Version (11/27/2019)

### Welcome and Introductions

Call to Order

Review/Ammend/Approve minutes from ASA 177 Louisville

### Announcement of Awards

#### **Rossing Prize in Acoustics Education**

Congratulations to the 2019 recipient: **Preston Wilson**. The Rossing Prize Lecture “*Learning and Teaching Acoustics Through Bubbles*” is Tuesday morning 2aEDb at 11:00am in *Carousel*

- **Topic for discussion:** Very few nominations submitted in recent years (only 3 nominations for 2019). The prize is not limited to ASA members. How/where to advertise to increase awareness of this prize?

Next call for nominations will be posted soon and will be due March 2020. Current Rossing Prize selection committee members are:

ED Comm Chair – *Dan Russell*

1 member selected by Education Committee Chair – *Andrew Morrison (2018-2021)*

1 member selected by ASA President – *Tyrone Porter (2017-2020)*

2 members selected by Special Fellowships Chair – *John Buck (2018-2021)* and *David Dowling (2019-2022)*

#### **Robert W. Young Award for Undergraduate Research**

Five (5) applications were received and were reviewed by Dan Russell (chair) along with Andrew Morrison and Benjamin Tucker reviewed the applications. Funding in the amount of \$2500 was available, so all received funding:

- **Lucas Barnes** — “*Experimental quantification of near-field scattering super resolution in time reversal acoustics*” — **\$400**  
{Brigham Young University — Brian Anderson, Advisor}
- **Jorge Mateus** — “*Using ultrasonic arrays for object detection*” — **\$500**  
(Michigan State University — Sunil Chakrapani, Advisor)
- **Kathleen Ohman** — “*The effects of blast-induced TBI on mouse ultrasonic vocalizations*” — **\$600**  
(SUNY Buffalo — Michael Dent, Advisor)
- **Julian Quintero** — “*Effects of sand density and wetness on acoustic impedance*” — **\$600**  
(East Carolina University — Teresa Ryan, Advisor)
- **Samantha Scheidler** — “*Studying DPOAE fine structure patterns in different recording paradigms*” — **\$400**  
(Michigan State University — Maryam Naghibolhosseiri, Advisor)

### Special ED Sessions at ASA 178 San Diego

#### **ED Organized Sessions**

##### TUESDAY:

2aEDa – Mentoring Graduate and Undergraduate Students – 7:45-10:50am – *Carousel*

2pEDb – Acoustics Education Rossing Prize Lecture – 11:00am-12:00noon – *Carousel*

##### WEDNESDAY:

3aED – Hands-On Demonstrations – 8:30am-12:30pm – *Carousel* (Volunteers Needed!)

3eED – Listen Up and Get Involved – 5:30-8:30pm – *Carousel* (Volunteers Welcome!)

##### THURSDAY:

4pEDa – Mentoring Graduate and Undergraduate Students – 7:45-10:50am – *Carousel*

4pEDb – Take 5’s – 11:00am-12:00noon – *Carousel*

#### **Other Jointly Sponsored Sessions (organized by another TC, but supported by ED)**

##### TUESDAY:

2aIDa – Guidance From the Experts: Applying for Grants and Fellowships – 1:00-2:30pm – *Carousel*

**Future Meetings and Special ED Sessions**

**ASA 179 – Chicago, IL (Spring 2020)**

- Hands-On Demos
- Listen Up and Get Involved
- **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.
- **Undergraduate Research Exposition Poster Session** – Dan Russell (ID)
  - **Travel funds are available (application process)**
- **Graduate Programs in Acoustics Poster Session** – Keiren Smith (Student Council, ID)
- **Teaching Speech & Hearing Science to Undergraduates** – Freddie Bell-Berti (SC cosponsor by ED)
- **Musical Acoustics Education at Undergraduate Level** – Andy Morrison (MU cosponsor ED)
- **Larry H. Royster Memorial Session** – (organized by Noise joint with ED)
- **New Developments in Classroom Acoustics** (Architectural joint with Standards, Noise, Speech, ED)

**NOTE: the Chicago meeting will be preceded by the ASA School 2020 (Itasca, IL – near O’Hare Airport – Fri-Sun. before Chicago Mtg.) – Information: <https://asastudents.org/asa-school-2020-living-in-the-acoustic-environment/>**

**ASA 180 – Cancun, Mexico (Fall 2020) – must be finalized in San Diego**

- ~~Hands-On Demos~~
- ~~Listen Up and Get Involved~~
- **Rossing Prize Lecture**
- Coordinate with Mexican counterparts? (involve Mexican section of AAPT?)
- Year of sound theme? (education based)
- Study abroad opportunities (?) . . .
- Soundwalk? (sponsored by Noise??)
- Social Media (TC webpages / using Twitter)
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- \_\_\_\_\_
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**Future Meetings**

- ASA 181 – Portland, OR (Spring 2021)
- ASA 182 – Sydney, Australia (6-10 Dec. 2021)
- ASA 183 – Denver, CO (Spring 2022)
- ASA 184 – Atlanta, GA (Fall 2022)
- ASA 185 – Seattle, WA (Spring 2023)
- ASA 186 – Providence, RI (Fall 2023)
- ASA 187 – San Francisco, CA (Spring 2024)
- ASA 188 – Honolulu, HI (Fall 2024)
- ASA 189 – Philadelphia, PA (Spring 2025)

## Report from Keeta Jones (ASA Outreach)

### **International Year of Sound**

- International Noise Awareness Day April 25 (subcommittee within Noise TC)
- World Hearing Day (March 3)

### **Update on Booths Initiative**

- PhysCon2019
- Co-sponsor Physics of Jazz Workshop at PhysCon2019

### **Update on ASA Teacher Activity Kits**

- Report on requests and status of kits.

### **ExploreSound.org**

- Graduate Program Database Update

## Other Subcommittee Reports

### **SMMfL (Students Meet Members for Lunch) –**

- Report of student and member matchups for the Louisville meeting
- **David Blackstock** has retired from chairing the SMMfL subcommittee.
  - The new SMMfL chair is \_\_\_\_\_

### **TPOM**

Need a new volunteer to help Dan Russell as backup for Chicago and as primary for Portland.

### **Student Council**

Report from ED Student Council Liaison, Michael Rollins

## Current Business (items to discuss at ASA 178 San Diego)

### **Proposal for AAPT Waves Workshop for Middle School Teachers**

Gordon Ramsey is coordinating a team from AAPT and ASA to organize, develop, and run a 2-day workshop on Waves (Optics and Acoustics) for middle school teachers. Proposal Fall 2019, first offering of workshop in Summer 2020. ➔ **What is the status of this?**

### **Special Issue on JASA Education in Acoustics**

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

### **POMA – Dan Russell is associate editor for Education.**

- Encourage presenters to write up papers for POMA
- Question about publishing POMA **before** the meeting so copies are available to reference during the talk or during the meeting?
- What is the process for detecting POMA submissions (after the meeting) for presenters who did not show up to present the paper?

## Old Business (items raised at previous meetings but not resolved)

### **ED Com Website (asaedcom.org)**

- Who is the target audience for this website?
- How is it being used (by members? by others?)
- What could we do better with this website to make it more useful?
- Who should be in charge of updating/revising our webpages?

At ASA 176 Victoria, it was suggested that we create a subcommittee to explore some of the questions raised

### **ASA Teacher Activity Kits**

- Is it time to create an Activity Kit 2.0 ?
  - Like Optical Society does with their two-tier kits
  - Single project theme (instead of multiple separate lesson plans)
- Time to revisit the original kit content and design?
- Who is on the ASA Teacher Activity Kit Subcommittee?

### **ASA Auditory Demonstrations CD**

- Why is this not available on iTunes? Spotify? Googleplay?
  - Propose through Books Committee?

### **Undergraduate Research Symposium Poster Session and Robert Young Award?**

- How / Where to advertise the Robert Young Award to attract more applications?
- What is the best timeline for the Robert Young Award?
  - Apply in Summer/Fall – present in Spring?
  - Do research during year or over summer?
  - When to present at ASA? (next Undergraduate Research Symposium is Chicago 2020)
  - Is a **special poster session** the best way for undergraduate students to share their research?
  - Travel Awards for Undergraduate Research Symposium

### **Special Vendor Session for Students**

- At meetings with Vendor Sponsors – have a time/session for students to meet vendor reps to talk about companies, jobs, careers, etc.

## New Business (items for future discussion)

**New Item**

**New Item**

## Wrap Up and Adjourn