

Committee on Education in Acoustics (EdCom)

[Meeting Minutes]

5:00 pm Wednesday 4 November, 2015
Clearwater, Hyatt Regency, Jacksonville, FL

The chair called the meeting to order at 5:05 pm

I. Welcome + Introductions

- A. Attendees were welcomed and asked to use the electronic sign-in sheet.
- B. First-time attendees to EdCom were introduced. There were 13 first-time attendees.
- C. The new vice-chair of EdCom, Andrew Morrison, was introduced. This was an existing position in the bylaws of EdCom that the chair decided to reinstate. The vice-chair will take minutes at the meeting.

II. Acknowledgements + Recognition

A. Rossing Prize

1. Thank you to the selection committee: Preston Wilson, Lauren Ronsse, Scott Sommerfeldt, Karim Sabra, and Robert Fox! Several nominations were received. This year's recipient was Yang-Hann Kim from the Korea Advanced Institute of Science and Technology. He gave a talk on Wednesday afternoon.

B. Young Award

1. Thank you to Freddie Bell-Berti for work on this! Recipients were Vaibhav Kumar, Georgia Institute of Technology; Dawn Barlow, Pitzer College; Candace Johnson, Texas State University

III. Updates

A. Education and Outreach Coordinator Update

1. David T. Bradley – The plan is to resubmit a request for a full-time, permanent position based on the Strategic Leadership Summit Goals.
2. A question was raised – is the ad-hoc committee dissolved or still in existence? Michelle Vigeant answered that the old search committee is effectively dissolved. We will wait for answers from executive council to the request to reconstitute the committee.
3. [UPDATE: The revised request is included as an addendum to these minutes. The Executive Council approved this request for a full-time, permanent Education and Outreach Coordinator. The search committee will be convened before the end of the year.]

B. Teacher Activity Kits Update

1. Andrew Morrison - [see appendix to these minutes for full report] – 42 kits sent out in the past six months (Approximately 440 kits total). We are changing from Ad-Hoc Committee of the ASA to a subcommittee of EdCom. Subcommittee will be focused on conducting a survey of teachers who have received the kit to gauge the usefulness of the kit in their classrooms and to determine what enhancements to the kit should be considered.
2. There was a call for volunteers for subcommittee: Michelle Vigeant, Andy Piacsek, Whitney Coyle, and Daniel Ludwigsen all volunteered to be on this subcommittee.

[EdCom: Meeting Minutes]

3. Two funding requests were made to support the Activity Kit project:
 - a. Funding Request: \$20,000 for kits (via Ad-Hoc Committee) [UPDATE: funding request approved]
 - b. Funding Request: \$300 for assessment survey (via Ad-Hoc Committee) [UPDATE: funding request approved]

B. Resume Help Desk Update

1. David Dowling – [see appendix to these minutes for full report] – There were 18 participants in Pittsburgh. The chair announced that a subcommittee would be used to support this EdCom initiative. Subcommittee will be focused on recruiting resume reviewers. There was a call for volunteers for subcommittee. No volunteers were immediately identified. It was reported that at the Jacksonville meeting 2 people used the RHD on Tuesday, 7 used RHD on Wednesday, 10 using the RHD were expected on Thursday. A list of volunteers were called for hoping to draw from other specialties.
2. A question was raised about how to publicize the service to students. Answer: through Student Council, on the Call for Papers, and item 16 in the printed program. Perhaps we can do more in the meeting registration process. Email also came from the Student Council to student before meeting where the Resume Help Desk program can be promoted. The program also needs to reach non-students who are looking to make career changes.
3. A question was asked about whether students primarily want academic positions. Answer was that 3 students that David Dowling spoke to all wanted industry positions.
4. Funding Request: \$600 [UPDATE: funding request approved]

C. SMMFL (Students Meet Members for Lunch) Update

1. David T. Blackstock - [see appendix to these minutes for full report] – Requests from students at this meeting: 49 (almost 3x as many as last time!)
2. AA(6), AB(1), AO(2), BA(5), EA(3), MU(2), NS(4), PA(6), PP(3), SA(2), SC(5), SP(4), UW(6) - Note that ALL technical committees are represented. This is a rare occurrence!
3. A new process for arranging these lunches is currently being developed. More information will be sent over e-mail. A subcommittee will be formed to organize this process. Subcommittee will be focused on developing new process and recruiting mentors – mentors do not have to be senior members.
4. Volunteers for this subcommittee were called for: Ella and Caleb volunteered.

D. AIP Education Liaison Committee (ELC) Update

1. Andy Piacsek [see appendix to these minutes for full report]
2. The ELC is composed of a designee from each of the ten AIP Member Societies, and SPS/Sigma Pi Sigma. The purpose of ELC is to share our education and outreach programs and successes, identify gaps, and explore potential collaborations.
3. Andy Piacsek reported that he participated by phone – if he has the chance to do it again he would choose to go to D.C. The current meeting was trying to be forward looking. AIP is looking for ways they can work with us to further the cause of education and outreach. Five highlight topics:

[EdCom: Meeting Minutes]

- a. Undergrad Research – valuable to member societies, some societies have policy statements about undergrad research
 - b. Resources for Educators – maybe AIP could have a list of resources for members
 - c. Communicating science to the public
 - d. Education and Outreach Staff
 - e. Funding, Funding, Funding! Maybe we can collaborate on an NSF grant
4. Comment from Gordon Ramsey: check other organizations for their statements on undergrad research. David Bradley said that we should be tapping into the other member societies and think about using AIP as a conduit for reaching our goals
 5. Comment from Cathy – AIP did support another group to put together an online clearinghouse for resources and could do the same for education.

II. New Business

A. New EdCom Website

4. The chair announced that EdCom will have a new website to better communicate with members about our initiatives and activities. We will need a webmaster (Question: does anyone have any recommendations? Answer: not at this time) A funding request in the amount of \$1500 to initially support the new website was proposed.
5. A question was asked: Is this website run by ASA Webmaster or will it be run by EdCOM member. Answer: we will do whatever we need to do to meet ASA policy [\[UPDATE: the proposed structure was correct. Dan Farrel, the ASA webmaster, has approved the request to create a site and a content manager will be hired per the funding request below.\]](#)
6. A majority of EdCom was in favor of requesting funding for this money.
7. There was a suggestion to also have a shared online drive or dropbox for members to have access.
8. **Funding Request: \$1500** [\[UPDATE: funding request approved\]](#)

B. Exploring Sound Website (www.exploresound.org)

4. Chair made a brief introduction to what the purpose of the Exploring Sound website is. Thank you to the review committee: Andrew Morrison, Laura Kloepper, and Carr Everbach! A new version of the website is coming soon. It will need a lot of work. Chair is working with Dan Farrell to first get the website transferred to ASA servers. Once that is done there will be work for our committee.

C. Booths Initiative

4. ASA used to send the Education Coordinator to other meetings. The chair suggested that while we are waiting for the new Education Coordinator position to be filled that we look to have EdCom members who are already going to the meetings run the booth at these meetings in exchange for funding for travel to the meetings.
5. A question was asked: what is the focus? Promote the ASA society or to talk with teachers? Answer: primarily to reach out to teachers and their students.
6. It was suggested that there be a 2016 Quadrennial Physics Congress Booth (3-5 November 2016)
 - This is one of the largest collection of undergraduate physics majors – students now get free

[EdCom: Meeting Minutes]

memberships to TWO societies through the partnership program with AIP – There will be a large undergrad research poster session.

7. A funding request was proposed to support this: \$2,500 – Members were in favor of the funding request.
8. Andy Piacsek suggests that we need a pamphlet and/or other marketing material to act as give-aways.

9. **Funding Request: \$2,500** [UPDATE: funding request approved]

D. Hands-On / Listen-Up - Model of the Middle Ear

4. 2aED12 at Jacksonville meeting: Development of an educational electro-mechanical model of the middle ear – John Hansen; Juliana Saba, Hussnain Ali; Jaewook Lee; John Hansen; Son Ta; Tuan Nguyen; Cory Chilson – University of Texas at Dallas – The video of the demonstration from the 2aED12 paper was shown to members of EDCOM. Chair proposed that we contract with these students to build a demonstration that we can use in our Hands-on and Listen-up sessions.

5. A funding request to support this was made: \$2,000 – Majority of members were in favor of making the request.

6. **Funding Request: \$2,000** [UPDATE: funding request approved]

A. Acoustics Today

1. EdCom article to be published in Winter issue. Art Popper would like more articles on education initiatives. Perhaps the Take 5s and other sessions could publish on the AT website. David will remind Art that there will be an article due on Active Learning in Signal Processing in March.

B. Leadership Sessions

1. At the Pittsburgh meeting there was a request from Technical Council to form a subcommittee on teaching or fostering leadership skills. Volunteers for a subcommittee were called for. None at this time were identified.

C. Student Design Competition

1. Joe Vignola – Joe explained that he has students work on design projects and try to enter design contests. The request is for a mechanism to make a competition out of design-related presentations or student projects. Would there be a group of members to serve as judges that could go to various sessions to evaluate the projects? Chair proposes a subcommittee to evaluate how something like this would work with existing efforts in the society. Volunteers for a subcommittee were called for – interested members will talk to Joe and send him an email: vignola@cua.edu

2. Comment from the members: we need a way to distinguish that this is undergraduate-centric and be able to promote this back to their home institutions to get travel funding. Also comment about working with Regional Chapters. There was a comment about whether or not the competition should have specific constraints or should be broad-based.

II. Meetings

A. Current Meeting (Jacksonville)

1. Thank you to the TPOs: Michelle Vigeant + Andy Piacsek!

[EdCom: Meeting Minutes]

2. Thank you to the Session Chairs!
 3. Special Sessions
 - a. 2aED. Effective and Engaging Teaching Methods in Acoustics (Cosponsor: MU)
 - i. Cochair(s): David Bradley and Preston Wilson
 - b. 2pED. Take 5s
 - i. Chair(s): Jack Dostal
 - c. 3aED. Undergraduate Research Exposition (Poster Session)
 - i. Cochair(s): Preston Wilson and Joseph Vignola
 - d. 3pED. Acoustics Education Prize Lecture
 - i. Chair(s): Ning Xiang (Rensselaer Polytechnic Institute)
- B. Salt Lake City, UT 23–27 May, 2016 (finalized)
1. TPOs: Andy Piacsek + Eoin King
 2. Special Sessions (broadcast?)
 - a. Listen Up and Get Involved – Will be looking for volunteers closer to the meeting
 - i. Cochair(s): Traci Neilsen
 - b. Hands-On Acoustics Demonstrations for Middle-School Students – Will be looking for volunteers closer to the meeting
 - i. Cochair(s): Kent Gee
 - c. Nuts and Bolts of Teaching Acoustics
 - i. Cochair(s): Dan Russell + Andy Piacsek
 - d. Co-sponsored sessions: One with Public Relations and one with TCMU (try to put the Nuts and Bolts session on same day as TCMU session)
- C. Honolulu, HI 28 November–2 December, 2016
1. TPOs: Andy Piacsek + Eoin King
 2. Special Sessions
 - a. Acoustics Education Prize Lecture
 - i. Cochairs: TBD – Nominator or David T. Bradley
 - b. Computer Programming for Education in Acoustics
 - i. Cochairs: Vic Sparrow (ASA) + Hiroshi Suda (ASJ)
 - c. Education in Acoustics for Kids
 - i. Cochairs: Andrew Morrison (ASA) + Sakae Yokoyama (ASJ)
 - d. Attractive Educational Method and Tools in Acoustics
 - i. Cochairs: Traci Neilsen (ASA) + Kazuhiko Kawahara (ASJ)
 - e. Demonstrations and Tools in Acoustics Education
 - i. Cochairs: same as Attractive Session
 - ii. No invited or contributed papers
- D. Boston, Massachusetts 25-29 June 2017 (joint with EAA – preliminary sessions due this week)
1. TPOs: Eoin King + ???

[EdCom: Meeting Minutes]

2. Special Sessions
 - a. Listen Up and Get Involved
 - i. Cochair(s): Ed Coordinator + ???Traci Neilsen
 - b. Hands-On Acoustics Demonstrations for Middle-School Students
 - i. Cochair(s): Ed Coordinator + ???Kent Gee
 - c. ??? Take 5s
 - i. Cochair(s): ???
 - d. Synthetic Aperture Sonar or SAS (Air Acoustics Imaging) – Murray Korman
 - i. Cochair(s): ???

III. Talking Points - The following talking points were given to TC liaisons:

- A. See Meeting Program, Call for Papers, and upcoming Acoustics Today article for regularly occurring EdCom initiatives
 1. Listen Up and Get Involved
 2. Hands-On Acoustics Demonstrations for Middle-School Students
 3. Undergraduate Research Exposition
 4. Rossing Prize in Acoustics Education
 5. Acoustics Graduate Program Database
- B. SMMfL
 1. We will need a larger volunteer pool
- C. Resume Help Desk
 1. We will be recruiting more volunteers
- D. Stronger connection to all TCs
 1. We are actively seeking for new members!

IV. Call for New Business - there was a call for any other New Business

- A. No new business was introduced, but there was a lot of discussion on the different lunch programs for students and the benefits and challenges of handling SMMFL

V. Adjourn

- A. Meeting adjourned at 6:35 pm.

Minutes respectfully submitted, November 11, 2015.

[EdCom: Meeting Minutes]

Appendix – Full Update Reports

[EdCom: Meeting Minutes]

Education and Outreach Coordinator Update (David T. Bradley)

The request to Executive Council and job description were revised to incorporate the results of the Strategic Leadership Summit. Additionally, the newly formed Strategic Planning Task Force 1: Awareness of Acoustics provided feedback on this request during the ASA meeting in Jacksonville, and the documents were further revised to incorporate this feedback. The final request and job description are pasted below.

November 4, 2015

From: David T. Bradley, Chair of the ASA Committee on Education in Acoustics

Re: Education and Outreach Coordinator

To: Christy Holland, ASA President 2015-2016
Susan Fox, ASA Executive Director

On behalf of the ASA Committee on Education in Acoustics (EdCom), I respectfully submit this request for a full-time, permanent position for an Education and Outreach Coordinator. This Coordinator would be responsible for organizing and administrating current education and outreach initiatives as well as developing new initiatives.

This request is based on the work of the Ad-Hoc Education Coordinator Advisory Committee, first convened on November 13, 2013, per the charge of the then ASA President, Jim Miller. This Ad-Hoc committee submitted a request for an Education Coordinator on May 7, 2014 to help maintain the educational and outreach activities of the ASA while the Society prepared and carried out the Strategic Leadership Summit. It was thought that the results of the Summit would better contextualize the needs of the position, and that the priorities and duties for this position would be reevaluated once the ASA had completed its strategic planning process. In May 2014, the Executive Council approved a part-time position; however, no one has been hired. I have drafted the current request in the context of the Summit results with careful consultation with Preston Wilson, the past EdCom chair, and Michelle Vigeant, the chair of the Ad-Hoc committee. The duties for this position are listed in detail below.

It is the hope of EdCom that a new, full-time, permanent Coordinator can be hired as soon as possible since many of our initiatives have languished and/or put an undue burden on volunteers in the absence of a Coordinator. For example, we have not been able to offer the Girl Scout (Listen Up and Get Involved) and local middle and/or high school students (Hands-On Acoustics Demonstrations) outreach demonstration sessions for the past two meetings, and these outreach programs are not sustainable without a Coordinator. Also, as another example, the acoustics graduate program database has not been maintained or updated in the past several years, which has reduced its benefit to those seeking advanced education in acoustics.

Included with this request is a revised job description/advertisement. Any minor changes to this description to make it compliant with the Human Resources requirements of the ASA are acceptable. Of utmost importance to EdCom is the timely posting of and start date for the position. During the hiring process for this position, it is recommended that the review of candidates and the interviews be carried out by the ASA Executive Director, at least one representative each from the Executive Council and EdCom, and two additional ASA members with experience in education and outreach. However, since timeliness is our most important consideration, we are

[EdCom: Meeting Minutes]

happy to have the Executive Council make other changes to the job description and hiring process as necessary. The job description should be posted widely by December 1, 2015, and the position should be filled by March 1, 2016.

Please note that this request and the job description have been modified based on the feedback from Strategic Planning Task Force 1: Awareness of Acoustics. Thank you for your time and consideration of this request.

ASA Education + Outreach Coordinator Duties:

Overview

The Coordinator will help to promote the visibility of acoustics and ASA to K-12 teachers and students, undergraduate and graduate level students and faculty, as well as the general public. The person filling this position will work closely with the Education in Acoustics Committee and would meet regularly with the committee chair to ensure that education and outreach efforts are aligned with the goals of the committee. Additionally, the Coordinator will work closely with Dan Farrell, the ASA Webmaster, to create materials suitable for web production. The Coordinator would provide continued support of activities approved by the Education in Acoustics Committee, and would also coordinate, promote, and communicate educational needs and initiatives across the Society

Duties

- Maintain and develop current outreach initiatives, including, but not limited to, the Teacher Activity Kits, www.exploresound.org, and the acoustics graduate program database
 - These initiatives tie directly to Strategic Summit Goal 1: Awareness of Acoustics. In particular, the Explore Sound website and graduate program database maintenance and development fall squarely within the primary objective of this goal: expand the promotion of ASA activities and resources through emerging media and online content.
- Develop innovative web-based material designed for mass engagement with K-12 schools and the general public.
 - This initiative is in direct response to feedback from the Champions of Strategic Summit Goal 1: Awareness of Acoustics. The Coordinator will be encouraged to work alongside Dan Farrell to create innovative, interactive experiences for students and the general public. Examples include live-streaming of research and/or educational demos, live seminars, and Q&A sessions designed for the K-12 audience, and interactive learning experiences.
- Develop interdisciplinary, STEM-based, electronic teacher lesson plans and activities aligned to Next Generation Science Standards (NGSS)
 - This initiative is in direct response to feedback from the Champions of Strategic Summit Goal 1: Awareness of Acoustics. In order for material to be readily adopted by educators, all lesson plans and activities will be aligned to NGSS standards and these standards will be explicitly listed. Activities and lesson plans should be interdisciplinary and incorporate as many fields of STEM as possible.
- Organize and coordinate current K-12 outreach sessions at ASA meetings, which are designed for local Girl Scout troops (Listen Up and Get Involved) and local middle and/or high school students (Hands-On Acoustics Demonstrations) – this duty will include the maintenance of the demonstration equipment and development of new demonstration stations
 - These initiatives are related to Strategic Summit Goals 1 (Awareness of Acoustics) and 2 (Membership Engagement and Diversity). In particular, by engaging young people in acoustics, we are filling the “pipeline” of future acousticians, which will help ensure the vitality of the Society.
- Attend National STEM and science education workshops at different target levels, e.g., AAPT meetings, USA Science and Engineering Fair, American Society for Engineering Education (ASEE)
 - This initiative relates directly to Strategic Summit Goal 1: Awareness of Acoustics.
- Research and design leadership development initiatives for members of the ASA
 - This initiative is directly tied to Strategic Summit Goal 2: Membership Engagement and Diversity.

[EdCom: Meeting Minutes]

- Act as a liaison to promote and assist with the coordination of education and outreach efforts across the Society, including working with the Education in Acoustics Committee, Women in Acoustics Committee, Student Council, and the technical committees
 - This initiative relates directly to Strategic Summit Goal 2: Membership Engagement and Diversity. In particular, by linking the education and outreach efforts across the ASA, synergistic opportunities for members to engage with one another and the Society will be identified and acted upon
- Manage and carry out other activities approved by the Education in Acoustics Committee.

Acoustical Society of America Education and Outreach Coordinator Job Description



Date Posted: XX/XX/2015

Job Title: Education and Outreach Coordinator

Professional Society: Acoustical Society of America <http://acousticalsociety.org/>

Application Deadline: XX/XX/2016

Position Start Date: XX/XX/2016

The Acoustical Society of America (ASA) is pleased to announce an opening for an Education and Outreach Coordinator. ASA is the premier international scientific society in acoustics, dedicated to increasing and diffusing the knowledge of acoustics and its practical applications.

General Summary

With oversight and direction from ASA's Executive Director, the Education and Outreach Coordinator will be responsible for working closely with the ASA's Committee on Education in Acoustics to implement acoustics education and outreach initiatives. Successful applicants will possess strong communication and interpersonal skills, have experience with creation of web-based content, and have the ability to multitask. Applicants must also be able to lead a group, work in a team environment, and build rapport. The position is full-time (40 hours/week) and location for the position is negotiable, but will require travel.

Duties and Responsibilities

The primary duties and responsibilities of the Education and Outreach Coordinator are related to (1) existing education and outreach programs and (2) the development of new education and outreach initiatives.

1. Maintain and develop current outreach initiatives, including, but not limited to
 - Teacher Activity Kits
 - Education and Outreach website <www.exploresound.org>
 - Acoustics graduate program database
2. Develop innovative web-based material designed for mass engagement with K-12 schools and the general public.
3. Develop interdisciplinary, STEM-based, electronic teacher lesson plans and activities aligned to Next Generation Science Standards (NGSS)
4. Organize and coordinate current K-12 outreach sessions at ASA meetings, which are designed for local Girl Scout troops (Listen Up and Get Involved) and local middle and/or high school students (Hands-On Acoustics Demonstrations) – this duty will include the maintenance of the demonstration equipment and development of new demonstration stations. Organizing and supporting K-12 Outreach Sessions at Bi-annual ASA Meetings

[EdCom: Meeting Minutes]

5. Attend National STEM and science education workshops at different target levels (e.g., American Association of Physics Teachers meetings, USA Science and Engineering Fairs, and American Society for Engineering Education meetings)
6. Research and design leadership development initiatives for members of the ASA
7. Act as a liaison to promote and assist with the coordination of education and outreach efforts across the Society, including working with the Education in Acoustics Committee, Women in Acoustics Committee, Student Council, and the technical committees
8. Additional tasks and duties as time permits, as implemented by the ASA's Executive Director with guidance from the ASA's Committee on Education in Acoustics.

Education and Experience Requirements

- Baccalaureate or advanced degree in education or in science or engineering; preferably with coursework in acoustics
- 3 to 5 years of professional experience, preferably in an academic or professional association setting
- Project management experience
- Experience with working in a matrix management environment
- Experience with educational and outreach activities, including educational standards such as the NGSS
- Experience with development of content for web-based applications.

Skills and Other Requirements

- High self-motivation and energy, along with strength in interpersonal skills
- Strong knowledge of web technologies and social networking
- Ability to handle a large number of projects and prioritize work
- Skills in abstract reasoning, problem solving, planning, and analytical thinking
- Skills in writing and oral communication
- Ability to present a positive image of an organization to members of the community
- Technical skills sufficient to manage scientific demonstration equipment
- Ability to travel to bi-annual meetings of the ASA and other meetings throughout the year

How to Apply

Please send a cover letter and resume to asa@aip.org. Questions may be directed to Ms. Elaine Moran, ASA Office Manager: (516) 576-2360 and asa@aip.org.

[EdCom: Meeting Minutes]

Activity Kit Subcommittee Update (Andrew Morrison)

After the meeting in Pittsburgh in May 2015, a decision was made to channel all requests for activity kits through Elaine, who will pass the requests on to ROI for fulfillment. (This duty should be transitioned to Education and Outreach Coordinator in the future.)

The committee is now primarily focused on conducting a survey of teachers who have received the kit to gauge the usefulness of the kit in their classrooms and to determine what enhancements to the kit should be considered.

A question that came up since the Pittsburgh meeting is how many kits a school should be able to request. We have not had many schools request more than one kit, but a request came from a school to supply 4 science teachers each with their own kit. We should consider if we want to limit the number of kits that go to a particular school or not.

Since May 2015:

42 kits sent out:

8 elementary

19 middle

6 high

2 homeschool

7 no identification

This brings the total of kits sent out to over 440 since the start of the program, and over 190 in the past 2.5 years since the last Education and Outreach coordinator was with ASA.

The Activity Kit continues to be a successful outreach program to teachers around the country, and we request that it continue to be funded at its current level.

[EdCom: Meeting Minutes]

Resume Help Desk Subcommittee Update (David Dowling)

The Resume Help Desk has been offered twice, with its third offering at the Jacksonville meeting. Participation rates from ASA meeting attendees have been increasing. For example, in Pittsburgh, 8 attendees were assisted on Wednesday, and 10 attendees were assisted on Thursday.

1. The ASA Resume Help Desk is a service effort to ASA Meeting attendees provided by (overseen by?) the ASA Education Committee.
2. The current organizer of the ASA Resume Help Desk (me) is willing to full manage this effort for at least two more meetings (beyond Jacksonville).
3. I would like to establish a group or subcommittee of the Education Committee that will help organize the Help Desk. In particular, recruiting resume reviewers is a task that I need help with. Right now all the resume reviewers are "friends of Dave D." who are primarily in UW, AO, PA, and SP. Resume reviewers from other areas of the ASA are needed.

[EdCom: Meeting Minutes]

SMMfL (David T. Blackstock)

All of the requests turned over to me by Elaine have now been handled. Two students withdrew (one did not get a visa and so had to cancel his trip to the US; the other was at a meeting in Paris when I contacted him and chose not to continue his request). The other 8 are all now satisfactorily matched with members. Alas, one of the members I picked had already been picked by Elaine. However, he (James Phillips) volunteered to do both students.

Attached is the spread sheet Elaine had sent me, expanded to (1) complete the pairings of the 10 students she turned over to me (in red) and (2) show the 10 students I had handled myself separately (in blue). Since I had little information about nationality, I could not fill in that column completely. The final breakdown by technical area is as follows:

AA-6, AB-1, AO-2, BA-5, EA-3, MU-2, NS-4, PA-6, PP-3, SA-2, SC-5, SP-4, UW-6

Miraculously, that totals up to 49.

Forty-three is the number of students who checked the box when they registered. Separately, I received (and dealt with) 9 requests, of which three were also on Elaine's list. So that left 40 when Elaine undertook the task. Of the 40 students Elaine handled, she paired up 28. Two went to AO and no one knows what AO has done with them. I took on the remaining 10 earlier this week. Five are now paired, two have dropped out, and three are still in process. I should know the results of the three today or early tomorrow. I'll let you know. I'll send you the breakdown, by technical area, of the 49 students later.

[EdCom: Meeting Minutes]

AIP Education Liaison Committee (ELC) Update (Andy Piacsek)

The AIP Education Liaison Committee (ELC) is composed of a designee from each of the ten AIP Member Societies, and SPS/Sigma Pi Sigma. The purpose of ELC is to share our education and outreach programs and successes, identify gaps, and explore potential collaborations. Our focus for this meeting should be not so much on what we have done in the past, but rather, what we can do in the future. A great outcome would be one or more collaborative ideas that could result, for example, in a proposal to a funding agency, along with actionable ideas for how AIP can help disseminate or propagate successful programs from the Member Societies.

Summary from ASA perspective

AIP wants to facilitate synergy among member societies (MS) for developing and implementing educational and outreach programs. The goal of the meeting is partly to share success stories from each MS, but primarily to consider shared goals for the future and ways that AIP can help. All but two participants were present at AIP HQ; I was one of the people calling in (voice only). After some presentations by AIP and CUR staff, the group had some fruitful discussion, although I found it difficult to engage as thoroughly as I would had I been present.

highlights

Undergraduate research: Consensus that this is a valuable component of STEM education and an excellent way for students to gain exposure to a specific discipline. Some MS have policy statements on UG research. Opportunities for MS to partner with CUR to obtain funding or build relationships with industry. ASA could also explore coordinating UG activities with SPS.

Resources for educators: Possible "one-stop shopping" site hosted by AIP was discussed, although AAPT ComPADRE site does something like this already.

Communicating Science to Public: Suggestion that AIP sponsor a workshop for MS members on how to communicate science. ASA has had special sessions on this topic at recent meetings; the concern is shared by other AIP MS.

Education/Outreach staff: Several MS have full or part time staff dedicated to education and/or outreach.

Funding, funding, funding: A suggestion that AIP MS submit joint proposal (to NSF?) to support undergraduate research or science outreach.