

2017 June ANS Annual Meeting
Education, Training and Workforce Development Division
Executive Committee Meeting - AGENDA
Sunday, June 11, 2017, 2:00 - 4:00 pm
Pacific K, Hyatt Regency, San Francisco

Attendees:

Elizabeth McAndrews Benavides- EPRI
Marsha Bala- Idaho National Laboratory
Craig Williamson- SCUREF
Blair Bromley- Canadian Nuclear Lab
Nicholas Thompson- RPI

Mary Lou Dunzik Gougar- Idaho State
University

Drew Thomas- Idaho National Laboratory
Matt Jasica- University of Wisconsin
Greg Bala- Idaho National Laboratory
John Kelly- DOE

Vincent Andrew Padilla- Sandia National
Labs
Gil Brown- University of Massachusetts
Lowell

1. Opening Remarks

M. Bala

- a. Call to Order / Welcome / Introductions
- b. Amendment & Approval of the Agenda- **Agenda Approved**
- c. Review & Approval of November 2016 Minutes- **November 2016 minutes approved.**

2. Officer Reports

a. Chair's Report

M. Bala

- General Report
- ANS President's Meeting with Division Chairs
 - Andy Klein wants to refocus to forward-looking type meetings instead of reviewing what happened in the past year.
 - January 1, 2018 ANS will be incorporated in Illinois rather than New York, this will ease some issues with elections.
 - Journals will be managed externally beginning this year
 - Professional group has been hired to handle fundraising for the organization.
 - Grand Challenges
 - 9 challenges will be announced at the president's special session, one of those will be directly related to ETWDD.
 - Bob Coward (new ANS president) focused on inflection points with current events concerning existing reactors. His focus for the upcoming year will be:
 - Member benefits, change management, and industry involvement in ANS.
 - Aligning future needs with newer members
 - A state of the society report (on collaborate)
 - Expanding the definition of what ANS is and what they do (understanding what is pushing people away from ANS membership).
- Membership Committee Report
 - Dues will increase this year
 - ANS is consolidating discount categories so the future dues will only have two categories: full and discounted.
 - The society needs to look at increased participation for officer roles across many different divisions.

2017 June ANS Annual Meeting

Education, Training and Workforce Development Division

Executive Committee Meeting - AGENDA

Sunday, June 11, 2017, 2:00 - 4:00 pm

Pacific K, Hyatt Regency, San Francisco

b. 1st Vice Chair's Report

L. McAndrew-Benavides

- Update on the K-12 Initiative

- ANS K-12 advisory committee is ahead of schedule to vote on a solution by in October 2018.
 - This division and NAYGN supported a study to understand how nuclear topics can be included in national K-12 curriculum.
 - Consultants looked into next generation science standards and analyzed potential gaps.
 - Lack of nuclear information was present, especially in certain states
- Discovery Education was the most desirable online deployment of textbook materials and they are fully aligned to science standards.
 - They can create professional workshops and specific industry content to add to their electronic textbook deployments.
 - Industry developed content goes in to textbooks automatically.
 - The modules are English-based and get wide distribution in English-speaking countries.
- There are three potential goals: 1) Lobbying to include the content in state and federal curriculum; 2) Developing a national network/movement to push energy and nuclear topics; and, 3) Partner with Discovery Education to put out content on the ANS website and in textbook materials.
 - It was decided that choice #3 was the best proposal. It is being finalized now.

c. 2nd Vice Chair's Report

J. LeClair

- General Report
- CONTE 2017 Report Out

d. Secretary's Report

A. Thomas

- General Report
 - Newsletter topics are being requested. Any suggestions should go to Drew Thomas until a new Secretary is elected. Newsletter topics suggested include membership changes, dues increases, and K-12 initiative.

e. Treasurer's / Finance Committee Report

A. Thomas

- Division Financial Report and 2017-18 Budget
 - Student support will be split in to their own line items to clarify how those funds are split for new Treasurers.

f. Webmaster's Report

J. LeClair

- New webmaster is needed since J. LeClair is stepping down from this role. **Matt Jasica volunteered to update the website.**

3. Standing Committees

a. Program Committee

L. Marshall

- Refer to the Program Committee agenda for sessions for this meeting.
- There are some ideas that have been floating around that have not finalized into sessions. They include
 - Innovation in new SMR designs

2017 June ANS Annual Meeting

Education, Training and Workforce Development Division

Executive Committee Meeting - AGENDA

Sunday, June 11, 2017, 2:00 - 4:00 pm

Pacific K, Hyatt Regency, San Francisco

- Workforce needs for SMRs
- Blue sky research
- Hybrid Nuclear Engineering programs (SCSU, SDSU, etc.)
- We still need chairs for the winter sessions that are ETWDD general sessions.
- Best of ANS Student Conference may still be incorporated into the winter meeting.
- There is an open question about moving papers from a session to the poster session if there are too many quality papers.
- New topics could include:
 - New session on ETWDDs Grand Challenge
 - Best of CONTE
 - Best of Student ANS
 - K-12 Progress Session
 - University research reactors
- Gil Brown suggests that Best of Student ANS could be a poster session.

b. Nominations Committee

L. Marshall

i. Election of new Officers

- Marsha Bala is concerned with how to engage more people to participate in ETWDD. It has been difficult to recruit and retain officers.
- There was some discussion surrounding what our place is in ANS and how to recruit young faculty or department heads for support.

c. University/Industry/Government Relations

T. Knight

d. Honors and Awards

R. Coe

e. Alpha Nu Sigma

W. Marcum

4. Liaison Committee Reports

a. Accreditation Policy and Procedures

G. Brown

- ABET visits to U.S. Naval Academy, ISU, UTK, and other universities in the fall.

b. NEDHO

G. Brown

- ASEE (American Society for Engineering Education) has a nuclear section that is underrepresented for years. Gil Brown informed the committee that nuclear is getting combined with another division. He is asking for members who would be interested in participating in the governance of that committee.

c. NEED

L. Marshall

5. Other Business

a. Student Conference Activity (2018)

TBD

- University of Florida will be hosting the 2018 student meeting on April 5-8, 2018.
 - Themes will include MOOSE framework workshops, supercomputer topics, materials characterization workshop, and tours.
 - Students asked for continued support of the conference financially.

b. Old Business

- Additional Scholarships
 - There were many good students and the society received over 100 applications.
 - There are concerns about how the scholarships are evaluated and awarded. There is concern that many scholarships could be going to one student since different groups review their division specific scholarships.

2017 June ANS Annual Meeting

Education, Training and Workforce Development Division

Executive Committee Meeting - AGENDA

Sunday, June 11, 2017, 2:00 - 4:00 pm

Pacific K, Hyatt Regency, San Francisco

c. New Business

1. John Kelly spoke on the Gen. IV Symposium in October 2018 in Paris. Patricia Paviet will attend Winter ANS to try to recruit students. Paviet also chairs the education initiative for Gen IV. There are webinars available from international experts. Other groups from Africa, Asia, and Europe want to engage with Gen. IV.

a. Craig Williamson suggested that nuclear security could be an added topic.

2.

3. Other

6. Adjournment