

MSTD Executive Committee Meeting Minutes
2009 ANS Winter Meeting
Parlor 305, Omni Shoreham Hotel, Washington, D.C.
November 16, 2009

Attendance

Name	Organization	Email
Jeremy Busby	ORNL	busbyjt@ornl.gov
Loyd Wright	SCE, Board Liaison	Loyd.Wright@sce.com
Ken Geelhood	PNNL	kenneth.geelhood@pnl.gov
Rory Kennedy	INL	rory.kennedy@inl.gov
Heather MacLean	INL	heather.maclean@inl.gov
Dion Sunderland	ANATECH	dion@anatech.com
Vincenzo Rondinella	JRC-ITU	vincenzo.rondinella@ec.europa.eu
Maria Okuniewski	INL	maria.okuniewski@inl.gov
Jack Henderson	Netzsch	jack.henderson@netzsch.com
Todd Allen	U Wisconsin	allen@engr.wisc.edu
Steve Zinkle	ORNL	zinklesj@ornl.gov
Jim Tulenko	U Florida	tulenko@ufl.edu
Jim Stubbins	U Illinois	jstubbin@illinois.edu
Travis Trahan	U Michigan	tjtrahan@umich.edu
Mahima Gupta	U Michigan	mahima@umich.edu

Regrets

Arthur Motta	Penn State U
Heng Ban	Utah State U
Travis Knight	U South Carolina
Totju Totev	ANL
Robert Hanrahan	LANL/NASA

Agenda

Call to Order: 7:04 pm

1. Preliminary Business
 - a. Quorum established. Suggestion made to request proxy from absent members in the future.
 - b. ANS 2010 Student Conference Representatives: University of Michigan (Travis Trahan, Michaela Eddy). The 2010 ANS Student Conference will be hosted at the University of Michigan, April 8-11, 2010, <http://www.studentans2010.org/>. Registration will open in a few weeks; call for papers is available. There will be a materials science track; MSTD should encourage student members to submit abstracts. Professionals are wanted to register as session chairs, judges, and

mentors. Mentoring opportunities include a lunch on Friday lunch, where professionals will be paired with students with similar interests. Golf tournament on Thursday. Session judges will receive papers before conference to review/judge. Session chairs will receive a time slot to make presentation on technical topic or company. Open to ideas for benefits for sponsorship by divisions. Encouraging poster session. Fixed number of slots for presentations, extra slots for poster session. Consider award for presentation and poster. (The Detroit Tigers have home games on April 9, 10, and 11.)

2. Chairman's Report (Rory Kennedy)

a. PDC

- i. Darby Kimball/Student Sections Committee: Student travel reimbursement previously distributed based on mileage from conference. SSC wants to abolish current funding, reestablish based on local vs. non-local. Rachel Slaybaugh, SSC, proposed changes to student travel funding: previously, money divided evenly between annual and winter, but more students attend winter meeting; and funds weighted by distance from meeting. Propose two-tiered system: local vs. non-local. Local: within 50 miles, receive $\frac{1}{4}$ of payment. Non-local: receive even share.
- ii. Motion to support SSC funding mechanism: Heather, 2nd by Todd, approved unanimously.
- iii. Electronic Voting (national), results announced during this meeting. 2010 vote will be electronic.
- iv. Rules: discussed later, in 11.b.
- v. IT: New paper review system, replaces COS
- vi. IT: division website discussion. IT proposes to help maintain division websites, will send out proposal to divisions. Divisions can modify websites, not a standard website design, but some content will be automatically loaded (e.g., minutes, governance).

b. President's Meeting Report

- i. 2 upcoming topical meetings requested: medical isotopes, small modular reactors.
- ii. Communicate about ANS to community: Example – during previous meeting with utilities, utilities did not know about breadth of ANS members, activities, divisions (e.g., expertise in thermal hydraulics). Recommended better advertisement regarding divisions, e.g., brochure. MSTD discussion: what would be the cost to the divisions? What is the audience? There is a need for information to communicate to high school and college students. General public vs. technical audience. Consensus to pass action back to PDC.
- iii. Action item: secretary request input on brochure/communication tools. Add item to next meeting's agenda (H MacLean).

- iv. President-elect: wants ANS to be more agile; support other societies (legal issues need to be addressed), wants ANS to be more involved in other societies.
- v. Executive director: new fund raising campaign, \$7.5M over 5.5 years for funds to do activities that aren't funded. Committee to evaluate feasibility, committee to do fund raising. Four target audiences for spending: K-12, general public, policy makers, and media.
- vi. Treasurer: finances strong, revenues > expenses this year. Two initiatives: updating member database, and planned giving (\$500-800K supporting fund raising effort). Economic downturn, ANS only lost ~10% (other organizations down ~20%).

c. Metrics and Input to BoD presentation

- i. MSTD did support non-ANS publications including Nuclear News story, ASM, JOM. Action: Jeremy Busby will collect list of publications supported by MSTD [action complete 11/16/09]. Elsevier: comprehensive nuclear materials, probably many contributions by MSTD members.
- ii. MSTD involvement in other societies/activities. How can we take credit for many members activities? Action: Make this an agenda item to collect info/updates at meetings (H MacLean). Include OECD/NEA support.

3. Secretary/Treasurers Report (Heather MacLean)

- a. Discussion/Approval of June 2009 meeting minutes: Jim Tulenko motion, Jeremy 2nd, approved unanimously .
- b. 2009 Budget Status
- c. 2010 Proposed Budget discussion and vote
 - i. Action: Check with ANS to confirm sponsorship of LWR, does MSTD sponsor in 2007, 2010? (H MacLean)
 - ii. 2010 Awards Luncheon: No costs for awards certificates. Action: take a projector.
 - iii. Student support: NSUF will provide 2 x \$500 awards for best materials. Motion: NSUF and MSTD joint awards: 3 x \$500 awards for best materials papers/posters. MSTD funds \$1000 to student travel plus \$500 for best paper in materials science award (to be awarded jointly with NSUF). Todd, Stubbins 2nd, approved unanimously.
 - iv. Student support: Todd suggest supporting students to attend NFSM. Arthur Motta will send out email to university (target typically underrepresented universities), 5 x \$500 travel grant based on abstract submission and need (need to ask what need is for money). Motion Tulenko, Ken 2nd, approved unanimously.
- d. Electronic voting guidelines

- i. Action: Heather will send out ANS electronic voting guidelines. MSTD will use guidelines to review and approve meeting minutes and future business between meetings.
- 4. Program Committee (Ken Geelhood)
 - a. Environmental Degradation topical meeting, August 2009, 230 registrants (up from before, better than expected based on economy). 206 abstracts, 173 presentation, 140 papers. Proceeding ETA spring 2010.
 - b. Upcoming meetings and sessions
 - i. 2 sessions at winter meeting 2009. Today's session was well attended. Tomorrow morning: general topics.
 - ii. Annual 2010: NFSM 2010 Topical, no separate MSTD sessions, encourage full papers for special journal issue.
 - iii. Don't need to go to paper review for Annual 2010. Action: Ken will email Ellen to verify room requirements for NFSM (cc Heather) [completed 11/30/09].
 - iv. Topics for winter 2010, Las Vegas: materials general, fuels general.
 - c. Co-sponsorships: Environmental Degradation 2009, LWR 2010 (MSTD vs FCWMD?), Plutonium Futures (preliminary approval, class 1 topical, co-sponsored by MSTD and LANL), Environmental Degradation class 4 co-sponsorship (name only, no \$) 2011 with TMS. Nuclear materials (NucMat) conference in Germany 2010, Japan 2012, US 2014 (MSTD sponsorship anticipated).
 - d. NFSM 2010 Status

Abstract review, on ANS schedule, option to submit papers for JNM (due at conference). ANS Call for Papers: deadline 1/8/2010.
- 5. Honors and Awards (Jim Stubbins)
 - a. Movement of banquet to coincide with NFSM, June 2010
 - i. Wednesday, lunch. Awards for 2 year periods including 2008, 2009. Request nominations. Need 2-3 people to help with nominations/awards. Focus on literary awards and major awards. Action: Secretary, add link to website for previous winners on solicitation letter. (Mishima and Schumar awards are handled by ANS Honors and Awards.) Proposed schedule: Nomination call issued 12/1/09; nominations due 2/28/10; announcement 4/1/10; luncheon 6/16/10. Send nomination solicitation to MSTD ExCom and all membership.
 - ii. Guest speaker ideas: high enough level, policy/strategy type presentation.
 - b. Action: look into Mishima award, schedule (when is it awarded?), who received in 2009 (Lou Mansur), nominations. Take action (J Stubbins) to make an MSTD nomination.
- 6. Nominating Committee (Jim Cole, not present)

- a. 2010 members expiring: Allen, Lambert, Okuniewski, Stubbins, Sunderland.
Renominate: Todd Allen (yes), Maria Okuniewski (yes), Dion Sunderland (yes), Jim Stubbins (check if this is already his 2nd term?), Jack Henderson (yes), Mitra Taheri, Sean McDeavitt, Stu Maloy, Travis Knight, KL Murty.
 - b. Need to appoint a student liaison. What is role? Represent student voice. Invite (demand?) students to attend MSTD meeting.
 - c. Nomination for secretary/treasurer: Ken Geelhood
 - d. Motion (Todd) to approve slate, allow nominating committee to put forward slate (allow to remove members who decline), Stubbins 2nd, approved unanimously.
7. University Liaison Report (Arthur Motta)
- a. Not present
 - b. Encourage/communicate student travel support
 - c. Encourage Schumar scholarship applications
 - d. Help find student liaison
 - e. Try to get people outside of nuclear materials interested in nuclear materials/MSTD
8. Publicity (Travis Knight)
- a. Not present
 - b. Need to update website content
 - c. Action: post NucMat CFP on MSTD website.
9. International Liaison Report (Vincenzo Rondinella)
- a. Attempt to find interface in ENS. ENS does not exist; rather is sum of other nuclear societies in Europe. Will try to find liaison within EC. Mission: try to connect with young members (training and development). Would be good to have MSTD members at NucMat (since we will host it in 4 years). NucMat is a combination of other materials meetings. Call for papers for NucMat 2010 is out, <http://www.nuclearmaterials2010.com/>.
10. Old Business
- a. none
11. New Business
- a. Strategic Plan and Succession Plan update (2009-2010 tactical plan and 5-year strategic plan): MSTD website has strategic plan from 2004, need to update. Action: Jeremy Busby will take lead, update strategic plan and succession plan by next June.
 - b. Bylaws and Rules
 - i. Need to be submitted by end of year (2009).
 - ii. Rory: propose 2-year officer terms: BoD presentation occurs every 2 years by Chair; propose Chair gives BoD presentation at end of 2-year term. Con: 6-

year commitment to MSTD, process/succession plan if officer is unable to complete term. Pro: continuity, helps prepare MSTD officer journal, learn position then implement then focus on next level ideas. Todd: previously had templates that passed from chair to chair to help with BoD presentation. If have 2 year term, do we need to continue to follow succession plan (secretary/treasurer → vice chair → chair)? Continue discussion via listserv/email.

- c. Officer journal – Rory would like to formalize this effort. Will keep notes of position, recommendations for successor. Todd: series of documents that matched each metric (ex: meetings, awards, ...). Action: Todd send previous documents to Rory.
- d. Scrapbook – not updated since 2000. Request pictures, send to Travis. Todd: scrapbook has previously replaced newsletter – send note to members that scrapbook/website has been updated. Need members to submit blurbs about meetings for website.
- e. Interaction/Influence with other societies (Rory gave an example of an MRS panel session on nuclear materials challenges). Propose: form a committee for interprofessional relations/liaisons. Keep track of what is going on in other societies, inform ANS (governance, BoD) of nuclear sessions at other meetings, share info, protect our interests. TMS, MRS, ACS, ASTM, Ceramics, ... How can we help coordinate? Continue discussion via email/June meeting.

Note: Rory will not be at June meeting. Jeremy Busby will act as Chair.

A motion to adjourn was made (Todd Allen), seconded (Jeremy Busby), and passed (9:18).