

**MINUTES OF THE MATHEMATICS AND COMPUTATION DIVISION
EXECUTIVE COMMITTEE MEETING
AMERICAN NUCLEAR SOCIETY**

Hyatt Regency, New Orleans, LA – June 12, 2016

2:00 PM – 4:00 PM

Officers Present

Tunc Aldemir, Chair

Patrick Brantley, Vice Chair

Dan Gill, Secretary

Executive Committee Members Present

Steven Hamilton

Brian Kiedrowski

Tara Pandya

Jean Ragusa

Piero Ravetto

Others Present

Jeff Densmore

Barry Ganapol

Peter Maginot

Chris Perfetti

Sebastian Schunert

Andy Smetana

Richard Vasques

Proxy assigned via email prior to meeting

Member	Position	Proxy to
Brian Aviles	Treasurer	Tunc Aldemir
Forrest Brown	Immediate Past Chair	Tunc Aldemir
Cassiano R. de Oliveira	Executive Committee	Tunc Aldemir
Rachel Slaybaugh	Executive Committee	Tara Pandya

1. Call to Order, Attendance, Introductions

Chair Tunc Aldemir called the meeting to order at 2:03 PM. Attendance was recorded (Attachment A) and those present introduced themselves. The chair then distributed copies of the agenda (Attachment B). Counting proxies, a quorum was reached with a total of twelve votes available (eight present and four proxy).

2. Officer's Reports

Secretary's Report: During the secretary's (Dan Gill) report, the first item raised was approval of the previous meeting minutes (2015 ANS Winter Meeting, Washington, DC). A motion was made to approve the minutes by Brian Kiedrowski and seconded by Jean Ragusa. The previous minutes were unanimously approved. Next, a motion was made by Dan Gill and seconded by Steven Hamilton to approve the agenda for the current meeting. This motion was passed unanimously.

Treasurer's Report: Brian Aviles was not present at the meeting to give the treasurer's report but had emailed information to the officers prior to the meeting. Attached to the email were the Treasurer's Report (Attachment C), the MCD Budget Report from National ANS as of March 31, 2016 (Attachment C1) and the MCD-sponsored Scholarship Statements (Attachment C2).

Chair Tunc Aldemir asked if the committee had any questions to forward to Brian and none were raised. Tunc also used this opportunity to report that his impression from talking to other division chairs was that MCD is financially very healthy.

Vice Chair's Report: Patrick Brantley discussed the MCD roundtable scheduled for Monday (6/13/2016) afternoon. The topic of the roundtable was "Proxy Apps, Mini Apps, Research Apps: Progress and Lessons Learned" and the panelists were: Steven Hamilton, Adam Kunen, Paul Romano, and Joe Zerr. Per convention the next roundtable will be the responsibility of incoming vice chair Rachel Slaybaugh.

Chair's Report: Tunc Aldemir reported on discussion from the Professional Divisions Committee (PDC). In this meeting it was reported that the demographics of ANS are currently in transition with large company membership declining and environmentally-driven membership increasing. This was part of a larger discussion on an overall decrease in ANS membership that has concerned ANS national. Each division has been asked to formulate a plan to double their current membership. It was noted that MCD membership has been relatively constant and this may be related to the fact there is little industry involvement among MCD members.

Reasons for declining national membership were again discussed (as in the last several MCD executive committee meetings). Some reasons suggested were that many local section members are not national members and that many are not sure what the "value-added" is for becoming a national ANS member. Richard Vasques questioned the representation of poorer (Non-US and Non-European) countries among ANS members. His belief was that these

potential members may not be able to attend meetings and so do not become members as they see no added value outside of meeting attendance. He suggested that ANS extend feelers to determine missed opportunities internationally. The M&C meeting in Rio was raised as an example of other countries with high levels of participation in professional societies where many are likely not ANS members. The idea of supporting additional student chapters abroad and providing subsidized memberships to international members was also suggested.

The discussion shifted to other types of motivation to get non-members to join. Brian Kiedrowski suggested that transactions be made available to the entire society after a year had passed as one means of motivation. Chris Perfetti agreed, stating that they should be available as soon as the meeting occurs. Tunc Aldemir raised the point that the ability to serve as a reviewer was a valuable benefit of ANS membership though there was disagreement amongst those present as to the professional benefits of being a technical reviewer, with the consensus being that the benefits varied in different work environments. Sebastian Schunert suggested ANS sponsor a set of lectures available only to society members as a way to leverage society expertise and motivate non-members to join while Richard Vasques thought that making presentation slides from national meetings available would be another valuable benefit of membership that ANS could provide.

Tunc also discussed a grand challenge being put together by ANS where each division would be responsible for 2-3 large goals that could be accomplished over a 10-20 year timeframe. ANS intends to select 6-10 of these goals to promote at all levels of the society. Tunc said that ANS actually wanted these goals from the divisions by the previous day (6/11/16), though MCD has made no formal plans yet to draft these goals. Tunc suggested that these goals could also be part of the divisions strategic plan, which has yet to be developed and issued. He suggested MCD consult the NISD strategic plan for use a template and also that MCD consider forming a subcommittee in the future to work on developing the strategic plan and grand challenge goals.

Tunc then reported that there was a discussion at the PDC meeting on diversity issues at ANS meetings and that there was a new disclaimer in this year's program addressing things such as intimidation, stalking, exclusion, and harassment. Everyone was advised to read the disclaimer and be aware of any issues. Given the lack of detail over what events prompted this discussion and disclaimer there was general confusion among the MCD membership as to what exactly to be on the lookout for.

Student Conference and Student Funding Discussions

(The student conference organizers showed up at the conclusion of the Chair's report)

Representatives of the upcoming (University of Pittsburgh) and recently held (University of Wisconsin) ANS Student Conferences stopped in at the MCD Executive Committee meeting. The Wisconsin delegation reported that their conference had been well attended (568 total attendees, 438 students and 130 professionals). The conference raised \$209,000 and was able

to provide 100% travel reimbursement to students (\$61,000). There were 157 papers at the conference, which was comparable to previous conferences. An award was given for best Mathematics and Computation paper to Michael Martin (UC-Berkely) in the amount of \$45. Overall the number of MCD papers was lower than in previous years but at 5 papers a full MCD track was included in the program. A summary of the conference provided by the University of Wisconsin organizers is included in these minutes as Attachment D.

Miriam Rathbun (University of Pittsburgh) discussed plans for the conference at the University of Pittsburgh. She stressed that MCD could directly sponsor an award for best MCD paper and that MCD contributions to the conference could be earmarked for this purpose. A discussion of the sponsorship opportunities is included as Attachment E. This also includes links to the conference website, which contains a full package of sponsorship information and contact information for the conference organizers. Miriam stated that the organizers would be in attendance at the 2016 ANS Winter Meeting recruiting judges and reviewers. Miriam said that some changes the organizers hoped to incorporate into the next student conference were to hold plenary sessions given by professionals and to ensure that all best paper winners receive a check or plaque. She also said that they hope to sponsor travel to a topical meeting for one of the best paper winners.

3. **Program Committee Report**

The program committee meeting was held prior to the executive committee meeting (1 PM – 2 PM). The chair of the program committee, Ryan McClarren, was not present so the report was given by the assistance chair, Jeff Densmore. Jeff reported that Ryan will be rotating out of the TPC at the end of the year and they are looking for nominations for someone to join the TPC for the 4-year rotation. Jeff reported that for the current meeting there had been a down selection to determine the candidate for the best summary and presentation and that he was looking for volunteers to judge. Jeff said that paper reviews for the 2016 winter meeting were under way and that the original deadline of 6/10/16 had just been extended to 6/24/16.

Jeff said that a special session was being co-sponsored by MCD and THD (Elia Merzari) on NEAMS at the 2016 winter meeting as part of the collaboration between MCD and THD suggested by Tunc Aldemir at the 2015 winter meeting. Another collaborative session is to be held at the 2017 annual meeting on the topic of verification and validation. The TPC is currently looking for other special sessions for the 2017 annual meeting. Only the session names are needed at this point in time and either Jeff Densmore or Ryan McClaren can be contacted with ideas.

Jeff also suggested that the MCD web site be used to host the MCD reviewer guidelines because they no longer appeared to be available to reviewers through the ANS review system.

4. Standing Committees

None of the chairs of any of the standing MCD committees were present. Tunc Aldemir provided updates on each committee and these are provided below:

- a. Benchmark – Tunc did not receive a response from Glenn Sjoden after contacting him. Barry Ganapol stated that he would like to see a younger member take over the work of the benchmark committee and said he had lots of material to share. Both Sebastian Schunert and Chris Perfetti expressed interest in participating in the benchmark committee. Brian Kiedrowski motioned that Chris and Sebastian be appointed co-chairs of the benchmark committee. This was seconded by Jean Ragusa and passed unanimously.
- b. Finance – This committee is always chaired by the current secretary so the Treasurer’s report serves as the finance committee report.
- c. Honors and Awards – Farzad Rahnema remains chair of this committee and encourages everyone to be sure to nominate people for MCD-sponsored awards.
- d. Membership – Tunc had no information on the membership committee.
- e. Nominating – Tunc stated that the nominating committee was in good shape having selected all of the nominees necessary.
- f. Standards – Andy Smetana reported that Paul Hulse (Sellafield) was the acting chair for the ANS 10 subcommittee. Andy said that ANS nominally sponsors this but it exists within the Standards committee. Andy indicated that Paul was willing to serve as chair of the standing Standards subcommittee in MCD given his involvement in ANS 10. Patrick Brantley motioned to appoint Paul to this position, it was seconded by Steven Hamilton, and passed unanimously.

5. Other Old Business

Ely Gelbard Scholarship: Tunc Aldemir provided an update on the Ely Gelbard Scholarship based on notes from Tom Sutton, who was not present. There was a fundraiser for the scholarship at PHYSOR 2016 for which AREVA paid for the reception and Westinghouse and EPRI contributed \$5,000 each to the fund. Approximately \$10,500 was raised from individuals at the fundraiser, resulting in a total amount raised of \$20,500. There was a brief discussion on how much was left to be raised and whether this could be covered from existing division funds. However, it was unclear what the total amount to be raised for the scholarship was, what the scholarship’s current balance was, and what the current balance of the division account was. Given, this uncertainty it was decided to postpone further discussion until the 2016 winter meeting.

Website and Newsletter: The MCD web site was briefly discussed. The page has been ported to a new system by ANS based off of the previous page. Several members felt that there were old items that should be removed or missing items that should be added to the site. The incoming secretary, Wei Ji, has previously stated that he has students who would be able to work on the web site. Dan Gill suggested that a subcommittee be formed to determine a comprehensive plan to identify the digital presence desired by the MCD membership (for instance, RPD actively

maintains a Facebook page). Even without forming a subcommittee, time could be spent at an executive committee meeting interactively evaluating the current webpage (given a projector). Tunc also suggested that in the future the newsletter and webpage should be the responsibility of the same person. However, it was pointed out by several point that the most recent newsletter was put together (after great effort) by Todd Urbatsch when he was MCD chair.

The remaining old business was discussed at earlier points in the executive committee meeting and there was no further discussion at this point.

6. **New Business**

M&C 2019: Tunc stated that it is time in the conference cycle to begin solicitations for an M&C 2019 bid. Patrick Brantley noted that the Jeju (M&C 2017) proposal was accepted at the meeting analogous to the upcoming winter meeting. Given M&C conventions, this meeting should be held somewhere in the central or western United States. The floor was opened to ideas for M&C 2019 locations. Jean Ragusa stated that Texas A&M was approached about hosting PHYSOR 2018 but declined to submit a bid. He stated they would potentially be interested in putting in a bid for M&C 2019 and had considered Austin, Dallas, and San Antonio. Jean said that they would likely involve the University of Texas as well if they decided to proceed. Other potential hosting organizations mentioned were TerraPower (Seattle, contact Bill Gates) and LANL (New Mexico).

7. **Adjournment**

Prior to the meeting adjourning Patrick Brantley presented Tunc Aldemir a plaque as a show of appreciation for Tuncs efforts as MCD chair.

The motion to adjourn the meeting was made by Patrick Brantley, seconded by Jean Ragusa, and unanimously approved. The meeting was adjourned at 3:12 PM.

Attachment A: Attendance

**Mathematics & Computation Division
Executive Committee Meeting
Hyatt Regency New Orleans Hotel
New Orleans, LA
June 2016**



Name	Initial when present
Only those listed below are voting members of your division	
Tunc Aldemir, Chair	
Patrick Brantley, Vice Chair	
Daniel F. Gill, Secretary	
Brian N. Aviles, Treasurer	Proxy to Tunc Aldemir
Forrest B. Brown, Immediate Past Chair	Proxy to Tunc Aldemir
Cassiano R. de Oliveira	Proxy to Tunc Aldemir
Erin Fichtl	
Steven P. Hamilton	
Wei Ji	
Brain Kiedrowski	
Richard C. Martineau	
Tara Pandya	Tara Pandya TP
Jean C. Ragusa	JCR
Piero Ravetto	
Rachel N. Slaybaugh	Proxy to Tara Pandya
Others, please PRINT in	(if there is not enough space, feel free to use the other side)
Name	E-mail
Chris Perfetti	perfetti@ornl.gov
RICHARD VASQUES	RVASQUES@BERKELEY.EDU
Sebastian Schunert	sebastian.schunert@inl.gov
PETER MAGINOT	maginot1@inl.gov
Andy Smetana	Andy.Smetana@SRNL.DOE.GOV
BARRY GANAPOL	GANAPOL@COWBOY.AMB.ARIZONA.EDU

Attachment B: Agenda

Agenda
Executive Committee Meeting
Mathematics and Computation Division, American Nuclear Society
2016 Annual Meeting
2-4 pm, Sunday June 12, 2016
Hyatt Regency
New Orleans, LA

1. Call to Order, Attendance, Introductions
2. Officer Reports
 - a. Secretary: **Daniel F. Gill**
 - i. Approval of minutes from 2015 Winter in Washington, D.C. (B. Aviles, P. Ravetto, T. Pandya, F. Brown, B. Kiedrowski, P. Brantley have sent in approvals by email)
 - ii. Approval of agenda
 - iii. Update on Website and Newsletter
 - b. Treasurer's Report: **Brian N. Aviles**
 - c. Vice Chair – Roundtable: **Patrick S. Brantley**
 - d. Chair
 - i. Report: President's Meeting with Professional Division Chairs
 - ii. Discussion: Strategic and tactical plans
3. Program Committee Report: **Ryan McClarren (Chair), Jeff Densmore**
 - a. Committee report
5. Standing Committees
 - a. Benchmark:
 - b. Finance: **Brian N. Aviles**
 - c. Honors and Awards: **Farzad Rahnema**
 - d. Membership: **Madeline Feltus**
 - e. Nominating: **Forrest Brown**
 - f. Standards:
6. Other old business
 - a. Ely Gelbard Scholarship: **Thomas Sutton**
 - b. Benchmark and Standards Committee Chairs
 - c. Collaboration with NISD and THD
 - d. PDC Governance Plan – Strategic and Tactical Plans
7. New business
 - a. M&C 2019
8. Adjourn

Attachment C: Treasurer's Report

Included within Attachment C

Attachment 1

MCD Budget Report from National ANS as of March 31, 2016

Attachment 2

MCD-sponsored Scholarship Statements

MCD Treasurer's Report: June 2016

MCD Operating Funds (as of 3/31/16): \$ 43,719.96

Income (as of 3/31/16): YTD = \$ 568.00

- Member Dues (\$2/member): \$ 568

Expenses (as of 3/31/16): YTD = \$ 22,500.00

- Student Support: \$ 2,500
Wisconsin Student Conference, Jan 2016
- Scholarship Funding: \$ 20,000
Disbursement from MCD Operating Funds to Gelbard Scholarship, Dec 2015

Net (Deficit): YTD = (\$21,932)

Additional Items since 3/31/16, not reflected in 3/31 statement:

Gelbard Scholarship Reception, PHYSOR 2016 (May 2016):

Due to the organizing efforts of Rich Martineau, the PHYSOR 2016 conference organizing committee, and the generous donations of corporate and individual contributors, it is estimated that ~**20,000** was raised for the Gelbard Scholarship. We will work with the INL Section to finalize the numbers as they complete PHYSOR 2016 financials.

Expenses:

- Student Support: \$ 1,000
Student Program Travel, November and June meetings

Attachments:

- 1) MCD Budget Report from National ANS as of March 2016 (MCD MAR 2016)
- 2) MCD-sponsored Scholarship Statements (MCD Funds-2015-CORRECTED)
 - Dannels Fund
 - Pomraning Award
 - Gelbard Scholarship

Report respectfully submitted 06/06/2016 by Brian N. Aviles, MCD Treasurer

AMERICAN NUCLEAR SOCIETY
Mathematics Computation Division
3/31/2016

	<u>Actual</u> <u>3/31/16</u>	<u>Budget</u> <u>Full Year</u>	<u>Variance</u>
Revenues			
Dues Revenue Allocation	\$568.00	\$2,138.00	(\$1,570.00)
Total Revenue	568.00	2,138.00	(1,570.00)
Expenditures			
Awards, Plaques		1,500.00	(1,500.00)
National Meeting Costs		1,500.00	(1,500.00)
Student Support	2,500.00	3,500.00	(1,000.00)
Scholarship & NEED Funding		20,000.00	(20,000.00)
Other Expenses		30.00	(30.00)
Total Expenditures	2,500.00	26,530.00	(24,030.00)
Net Surplus/(Deficit)	(1,932.00)	(24,392.00)	22,460.00
Fund Balance at 1/1/16	45,651.96	45,651.96	-
Fund Balance at 3/31/16	43,719.96	21,259.96	22,460.00

AMERICAN NUCLEAR SOCIETY
Mathematics Computation Division
3/31/2016

	<u>Actual</u> <u>3/31/16</u>	<u>Budget</u> <u>Full Year</u>	<u>Variance</u>
Revenues			
Dues Revenue Allocation:			
14-4110-000000-063090-Sales Division - Dues Revenue Allocation - MCD	568.00	2,138.00	(1,570.00)
Total Dues Revenue Allocation	568.00	2,138.00	(1,570.00)
Total Revenue	568.00	2,138.00	(1,570.00)
Expenditures			
Awards, Plaques:			
14-8015-000000-063090-Administrative Expense Div - Awards, Plaques - MCD		1,500.00	(1,500.00)
Total Awards, Plaques		1,500.00	(1,500.00)
National Meeting Costs:			
14-8020-000000-063090-Administrative Expense Division - National Meeting Costs - MCD		1,500.00	(1,500.00)
Total National Meeting Costs		1,500.00	(1,500.00)
Student Support:			
14-8030-000000-063090-Administrative Expense Division - Student Support - MCD	2,500.00	3,500.00	(1,000.00)
Total Student Support	2,500.00	3,500.00	(1,000.00)
Scholarship & NEED Funding:			
14-8035-000000-063090-Administrative Expense Division - Scholarship & NEED Funding - M		20,000.00	(20,000.00)
Total Scholarship & NEED Funding		20,000.00	(20,000.00)
Other Expenses:			
14-8040-000000-063090-Administrative Expense Div, Other Exps - MCD		30.00	(30.00)
Total Other Expenses		30.00	(30.00)
Total Expenditures	2,500.00	26,530.00	(24,030.00)
Net Surplus/(Deficit)	(1,932.00)	(24,392.00)	22,460.00

Attachment C2

American Nuclear Society								
Pomraning Award - 2737 - CORRECTED								
Math & Comp Division								
Statement of Account								
1/1/2012 - 12/31/2015								
Date	Description	Perm. Restricted	Temp. Restricted	Division- Designated	Total Scholarship Funds	Board- Designated Assistance	Total All Funds	
1/1/2012	Starting balances	\$0	\$19,898	\$0	\$19,898	\$1,723	\$21,622	
12/31/2012	Investment gain applied (5% for year)		+ \$697		+ \$697	+ \$44	+ \$740	
12/31/2012	Year-end balances	\$0	\$20,595	\$0	\$20,595	\$1,767	\$22,362	
3/1/2013	Gift from Springer		+ \$275		+ \$275		+ \$275	
3/19/2013	Award paid to John Dorning Jr		- \$1,000		- \$1,000		- \$1,000	
12/31/2013	Investment gain applied (16.4% for year)		+ \$3,378		+ \$3,378		+ \$3,378	
12/31/2013	Year-end balances	\$0	\$23,247	\$0	\$23,247	\$1,767	\$25,014	
12/31/2014	Investment gain applied (3% for year)		+ \$697		+ \$697	+ \$53	+ \$750	
12/31/2014	Year-end balances	\$0	\$23,945	\$0	\$23,945	\$1,820	\$25,765	
3/16/2015	Award paid to Anil Prinja		-\$908		-\$908	-\$92	-\$1,000	
12/31/2015	Investment loss applied (-.331% for year)		-\$79		-\$79	-\$6	-\$85	
12/31/2015	Year-end balances	\$0	\$22,958	\$0	\$22,958	\$1,722	\$24,679	
1/1/2016	Spend limit for year is 9.24%		+ \$2,121	+ \$0	+ \$2,121	+ \$159	+ \$2,280	

Attachment C2

American Nuclear Society								
Dannels Fund - 2750								
Math & Comp Division								
Statement of Account								
1/1/2012 - 12/31/2015								
Date	Description	Perm. Restricted	Temp. Restricted	Division- Designated	Total Scholarship Funds	Board- Designated Assistance	Total All Funds	
1/1/2012	Starting balances	\$0	\$54,372	\$0	\$54,372	\$15,143	\$69,515	
8/20/2012	Scholarship paid to Lindsey Gilman		- \$3,500		- \$3,500		- \$3,500	
12/31/2012	Investment gain applied (5% for year)		+ \$1,853		+ \$1,853	+ \$380	+ \$2,232	
12/31/2012	Year-end balances	\$0	\$52,725	\$0	\$52,725	\$15,523	\$68,248	
8/30/2013	Scholarship paid to Jesse Holmes		- \$3,500		- \$3,500		- \$3,500	
12/31/2013	Investment gain applied (16.4% for year)		+ \$8,647		+ \$8,647		+ \$8,647	
12/31/2013	Year-end balances	\$0	\$57,872	\$0	\$57,872	\$15,523	\$73,394	
8/30/2014	Scholarship paid to Matthew Marcath		- \$2,531		- \$2,531	- \$969	- \$3,500	
12/31/2014	Investment gain applied (3% for year)		+ \$1,736		+ \$1,736	+ \$466	+ \$2,202	
12/31/2014	Year-end balances	\$0	\$57,076	\$0	\$57,076	\$15,020	\$72,096	
8/20/2015	Scholarship paid to Timothy Patrick Burke		- \$2,112		- \$2,112	- \$1,388	- \$3,500	
11/30/2015	Gift from B. Tyreman		+ \$10,000		+ \$10,000		+ \$10,000	
12/31/2015	Investment loss applied (-.331% for year)		- \$189		- \$189	- \$50	- \$239	
12/31/2015	Year-end balances	\$0	\$64,776	\$0	\$64,776	\$13,582	\$78,358	
<i>1/1/2016</i>	<i>Spend limit for year is 9.24%</i>		<i>+ \$5,985</i>	<i>+ \$0</i>	<i>+ \$5,985</i>	<i>+ \$1,255</i>	<i>+ \$7,240</i>	

Attachment C2

American Nuclear Society								
Gelbard Scholarship - 2796								
Math & Comp Division								
Statement of Account								
1/1/15-12/31/15								
Date	Description	Perm. Restricted	Temp. Restricted	Division- Designated	Total Scholarship Funds	Board- Designated Assistance	Total All Funds	
1/1/2015	Starting balances	\$0	\$0	\$0	\$0	\$0	\$0	
5/14/2015	Gift from Oak Ridge Knoxville Local Section		+ \$1,050		+ \$1,050		+ \$1,050	
5/14/2015	Gift from B. Bingman		\$50		+ \$50		+ \$50	
5/14/2015	Gift from M. Adams		+ \$500		+ \$500		+ \$500	
5/14/2015	Gift from B. Aviles		+ \$350		+ \$350		+ \$350	
5/14/2015	Gift from R. Slaybaugh		+ \$250		+ \$250		+ \$250	
5/14/2015	Gift from B. Kirk		\$500		+ \$500		+ \$500	
5/14/2015	Gift from Eventbrite		+ \$2,950		+ \$2,950		+ \$2,950	
12/31/2015	Division Capital Contribution			+ \$20,000	+ \$20,000		+ \$20,000	
12/31/2015	Year end balances	\$0	\$5,650	\$20,000	\$25,650	\$0	\$25,650	
<i>1/1/2016</i>	<i>Spend limit for year is 9.24%</i>		<i>+ \$522</i>	<i>+ \$1,848</i>	<i>+ \$2,370</i>	<i>+ \$0</i>	<i>+ \$2,370</i>	
*Investment earnings / (loss) calcalution based on beginning of year balances.								

Attachment D: 2016 ANS Student Conference Summary

Being a Critical Member



of the Nuclear Industry

2016 ANS Student Conference University of Wisconsin-Madison

Conference Summary

*Total attendance: **568** (438 students and 130 professionals)*

*Universities represented: **50***

*Companies represented: **39***

*Countries represented: **9***

*Total funds raised for the conference: **\$209,150***

*Total amount distributed as student travel reimbursement: **\$61,057***

*Number of presentations: **157** (7 innovations, 117 podium presentations, and 31 poster presentations).*

*Events: **10** tours, **9** workshops, and **12** panels*

Complete list of award winners is available at ansstudentconference2016.com/awards.

Attachment E: 2017 ANS Student Conference Description



American Nuclear Society Student Conference 2017

2017 ANS Student Conference
Pitt ANS Student Section
636 Benedum Hall
3700 O'Hara Street
Pittsburgh, PA, 15213

The ANS Student Conference provides a gathering of some of the most driven and interested students in nuclear science and technology. As a division of ANS, you represent the community and support for the development of the field. This conference provides a great opportunity to reach out to the next generation of nuclear engineers and scientists. We would like to encourage you to make the most out of this conference and reach more students interested in your track.

The best way to take advantage of the conference is by encouraging **paper submissions** among your student membership. By having students present their research and work, more interest can be generated across ANS for your division. **Sponsoring an award** for the best paper and in your technical track would provide a greater incentive for students to submit papers and draw some of the best research being done across the country. If you are interested in sponsoring an award, please let us know early so that we can advertise it well.

At the **opening dinner**, each division will have a table so that students interested in your field will be able to sit with you. Additionally, **hosting a meeting or afternoon break** can give interested students an additional opportunity to network and connect with you. We would be more than happy to work with you to make something like that happen. Please also consider being an official sponsor of the conference to take advantage of more benefits. You can find the **Sponsorship and Exhibition Package** at www.ansstudentconference2017.com to learn what levels of involvement are available to you.

This letter also serves as a solicitation of **judges and reviewers for paper submissions**. If any of your members are interested, please let us know at technical.ansstudent2017@gmail.com, but we won't start contacting those who sign up until after the winter meeting in November. For other questions, please contact us at ansstudentconference2017@gmail.com or at 412-330-1156.

Sincerely,

Handwritten signature of Brendan Stack.

Brendan Stack
General Co-Chair

Handwritten signature of Miriam Rathbun.

Miriam Rathbun
Marketing Co-Chair

Handwritten signature of Christopher D'Angelo.

Christopher D'Angelo
Technical Director