

New NNTG Leadership

Congratulations to our newly elected NNTG leadership who began their new roles after the June meeting:

Chair: Morris Hassler
Vice Chair: Gene Carpenter, Jr.
Secretary: Lenka Kollar
Treasurer: Shaheen Dewji
EC: Stephen Mladineo
EC: Ross Christopher Robinson
EC-Student: Mateusz Monieral

Executive Committee (EC) members serve a three year term, and are expected to attend a majority of the six meetings that will occur during their term. EC members are involved in development of our technical program, review of position statements, and establishing the direction of the NNTG. From those actively involved in the NNTG, we solicit nominations for Officers. In established divisions, officers generally have an unofficial progression, starting with Treasurer, and then moving to Secretary, Vice Chair, and then Chair over a period of four years.

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Alicia Swift, Editor

NNTG website: <http://nn.ans.org/>

Opportunities for Students, Post-Docs, and Young Professionals

Some exciting opportunities for students, post-docs, and young professionals interested in nuclear nonproliferation, nuclear security, and nuclear policy are listed below. Take a look, and think about applying:

- NNSA Graduate Fellowship Program (formerly the Nonproliferation Graduate Fellowship Program)
- Nuclear Nonproliferation International Safeguards Fellowship Program
- Nuclear Forensics Graduate Fellowship Program
- Nuclear Forensics Undergraduate Scholarship Program
- The Center for Strategic and International Studies' Project on Nuclear Issues
- Stanton Nuclear Security Fellowship
- Livermore Graduate Scholar Program
- Presidential Medal Fellowship
- ANS Congressional Fellowship (part of the AAAS Congressional Fellowship Program)
- Numerous undergraduate, graduate, and post-doc research opportunities at US national laboratories (short-term and long-term)
- Internships and Junior Professional Officer positions with the International Atomic Energy Agency
- ANS Washington Nuclear Engineering Student Delegation (NESD)
- Herbert Scoville, Jr. Peace Fellowship

Alicia Swift

NNTG Program Committee, Newsletter Editor



American Nuclear Society
Nuclear Nonproliferation Technical Group



ANS

NNTG News

A newsletter of the ANS Nuclear Nonproliferation Technical Group

ISSUE

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Your NNTG Leadership Team

Officers

Morris Hassler – Chair
hasslerme@y12.doe.gov

Gene Carpenter, Jr. – Vice Chair
Gene.Carpenter@nrc.gov

Lenka Kollar – Secretary
lenka.kollar@gmail.com

Shaheen Dewji – Treasurer
dewjisa@ornl.gov

Steven Nesbit – Immediate Past Chair
Steve.Nesbit@duke-energy.com

Executive Committee

(Terms Expiring June 2015)

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Chris Robinson
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Mateusz Monieral
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A Message from the Chair

I hope that everyone had a great summer and is excited for the year to come. As the new Nuclear Nonproliferation Technical Group (NNTG) chairman, I want to thank all the NNTG members for their active involvement in the American Nuclear Society (ANS) and our group over the last year, with special thanks to our previous chair, Steve Nesbit, who set a very high standard of leadership for NNTG. This is an exciting time for NNTG and we continue to see significant growth in our NNTG membership with our July 2014 membership number at 694! Also, as you may have attended, we had our first embedded topical at the Winter Meeting in Washington, DC in November 2013 and made significant progress on our path to division status. The embedded topical in Washington DC will be a standard event that occurs every two years, and we already have a great team working on the November 2015 program. This year offers a lot of excitement as well with a requested vote by the Professional Divisions Committee, followed by a vote by the ANS board, to move the NNTG to the new Nuclear Nonproliferation Division (for more information, see at right the article by Jim Behrens – chair of the Division Transition Committee).

Again, thank you for your involvement in ANS and your interest in nuclear nonproliferation. I hope to see you in Anaheim at the Winter Meeting in November.



Morris Hassler
Chair, NNTG

On the Path to Achieving ANS Professional Division Status

During the June 2014 ANS Annual Meeting in Reno, NV, the NNTG Executive Committee (EC) unanimously approved the Division Transition Committee (DTC) recommendation to go forward immediately with an action for our technical group to apply for full ANS professional division status, thereby becoming, following appropriate approvals, the Nuclear Nonproliferation Division (NND) of the American Nuclear Society.

Following the NNTG EC's approval, the NNTG Chair (Steve Nesbit) and Chair Elect (Morris Hassler) addressed the Professional Divisions Committee (PDC) at the Reno meeting, informing them of the NNTG leadership decision to make application for elevation to full division status. The ANS divisions/technical group representatives at this PDC meeting were thereby notified, verbally, of the NNTG's intentions.

Consistent with the necessary steps outlined in the Professional Divisions Manual (PDM), the Chairs of all ANS divisions/technical groups were notified in writing, by both letter and e-mail, on July 10, 2014 that NNTG was applying for full professional division status and that comments should be directed to DTC Chair (Jim Behrens) by not-later-than August 15, 2014. The eight requirements for division status outlined in the PDM were discussed and included with this written notice. From the divisions/technical groups replying to this notification, all were in favor of the NNTG's bid to become an ANS division.

With this now in hand, the NNTG leadership is actively coordinating with Hans Gougar, Chair of the PDC, and requesting a call for a vote from the PDC membership regarding the NNTG's application for full division status. Upon receiving PDC approval, the action would then go to the ANS Board of Directors (BOD) for their approval. It is hoped that approvals from the PDC and BOD will be received in the near future and that the NNTG will become the NND of the ANS prior to the upcoming ANS Winter Meeting in Anaheim, CA.

James W. "Jim" Behrens
Chair, NNTG Division Transition Committee

In Memoriam: Jeff Jay

Ret. Lt. Col. Jeffery James Jay (Jeff), 62, passed away on August 23, 2014. At the time of his death, Jeff was a Senior Manager, Human Performance for CB&I, at the Vogtle Nuclear Generating Station in Waynesboro, GA. Besides active service and reserve duty in the U.S. Air Force, Jeff worked for Savannah River National Laboratory in Aiken, SC for about 23 years.

Jeff was actively involved with a number of professional organizations, such as the American Nuclear Society, Southeast Universities Nuclear Reactors Institute for Science & Education, the Carolinas' Nuclear Cluster, Citizens for Nuclear Technology Awareness, the Energy Facility Contractors Group, and the Institute of Nuclear Materials Management. For the American Nuclear Society, Jeff was an active member of the Special Committee for Nuclear Nonproliferation and strongly supported the establishment of the Nuclear Nonproliferation Technical Group, where he served on its Executive Committee.

Jeff was a high-energy and passionate person with contagious big smile. Jeff was passionate about "connecting dots", making things better, and getting young people actively involved, especially in nuclear-related activities. Jeff was a mentor to numerous university students and young professionals, as well as an example and inspiration to all who had the privilege to know him.



Jeff Jay

Nominations Needed for NNTG Officers and EC Members

The Nuclear Nonproliferation Technical Group has a Nominating Committee charged with arranging for qualified candidates to appear on the ballot for NNTG officer positions and executive committee (EC) slots. The immediate past chair of the NNTG (i.e., me) serves as the chair of the Nominating Committee, and the other two members are the previous past chair of the NNTG (John Dewes) and the current chair (Morris Hassler).

We are currently soliciting input on nominations for the 2015 ballot. If any member of NNTG wishes to suggest nominees for vice-chair, secretary, treasurer or Executive Committee, please do so. The secretary and treasurer positions have one-year terms, while the vice-chair is essentially a three-year commitment. The vice chair automatically moves on to serve as chair and then past chair in succeeding years. The EC positions are three-year terms.

Feel free to self-nominate if you feel inclined to do so. Note that candidates must be members of the American Nuclear Society and the NNTG. In addition to providing a name, please tell us, in a few words, why you think that person would be a good candidate. We need your input by Monday, October 10, 2014. You may provide input by e-mail to me at steve.nesbit@duke-energy.com.

Thanks for your input and support.

Steve Nesbit
Past Chair, NNTG

Have a Story to Tell?

Member contributions to the newsletter are always welcome. We are interested in member-written articles about interesting conferences, trainings, insights into current events, or anything else you think other members would like to read. If you would like to be considered for the next newsletter, please contact Alicia Swift (alicia.swift@lanl.gov) by March 2015 for publication in the Spring newsletter.

NNTG Committee Meetings in Anaheim

We hope to see many of you at the upcoming ANS meeting in Anaheim, CA. All are welcome to attend the following NNTG committee meetings on Sunday, November 9, 2014:

1:30 to 2:30 pm	Special Advisory Committee
2:30 to 3:30 pm	Program Committee
3:30 to 4:30 pm	Executive Committee

NNTG on Social Media

For more ways to stay in touch with NNTG, please follow us on Facebook (<http://www.facebook.com/groups/ansnntg/>) or LinkedIn (<http://www.linkedin.com/groups/Nuclear-Nonproliferation-Technical-Group-6509997/about>).

Technical Sessions at 2014 Winter Meeting in Anaheim

NNTG is sponsoring (and co-sponsoring with other divisions) several technical sessions at the November meeting in Anaheim. Please join us for the following sessions:

Monday, 1:00 pm – 4:00 pm

Panel on International Safeguards for UF6 Containers (co-sponsors: FCWMD, RPSD, IRD)

Tuesday, 8:30 am – 11:30 am

Panel on The Gulf Nuclear Energy Infrastructure Institute (GNEII): Human Capacity Building for Nuclear Energy for Countries New to Nuclear Energy (co-sponsor: ETWD)

Tuesday, 1:00 pm – 4:00 pm

Panel on Nuclear Industry Role in Nonproliferation Initiatives

Wednesday, 8:30 am – 11:30 am

Nuclear Nonproliferation Technical Group: General I (co-sponsors: FCWMD, IRD, NISD, and RPSD)

Wednesday, 1:00 pm – 4:00 pm

Nuclear Nonproliferation Technical Group: General II (co-sponsors: IRD, NISD, RPSD, and YMG)

How to Propose Conference Sessions for 2015

The Program Committee is soliciting conference session ideas for 2015 and beyond. Have a great idea, but don't want to chair the session? That's OK; we probably have another member willing to help out. Please follow the steps below to send in your proposals:

1. Write a paragraph detailing the proposed session, specifying if it is a panel or paper session.
2. Submit the description at the Program Committee meeting or send it to anyone on the leadership team to represent it for you. Sessions are decided one year in advance (for example, in June 2014 we chose sessions for the June 2015 meeting).
3. Solicit experts to submit summaries by the deadline (usually about six months in advance) of the meeting in which the session will occur.
4. Inform the Program Chair of who will chair the session at the meeting (Chris Robinson, robinsonrc@y12.doe.gov).

Program Committee Chair: Chris Robinson
Program Committee Members: Rian Bahran, Steve Mladineo, Alicia Swift, Christie Egnatuk, Luc Van Den Durpel, and Philip Ugorowski

Technical sessions for June 2015 Meeting in San Antonio

The call for papers is out for the 2015 ANS Annual Meeting in San Antonio, TX. The conference will take place from June 7-11, 2015 and be held in the Grand Hyatt San Antonio. Summaries are due January 9, 2015 and can be submitted after October 1, 2014. Below are the planned sessions:

Paper Sessions

Nuclear Nonproliferation Technical Group: General (along with FCWMD, IRD, NISD, RPSD, and YMG)

Detector Applications in Support of Nonproliferation Policy

Panel Sessions

Application of Radiation Detection Technologies to Meet Nonproliferation Goals and Objectives (along with IRD and RPSD)

Human Reliability in Nuclear and Radiological Systems

Global Threat Reduction Initiative (GTRI) Accomplishments and Challenges (along with YMG)

New Developments on Nuclear Trade Agreements (along with OPD)

Nuclear Forensics: Application, Policy, and Challenges Associated with Global Security and Nuclear Nonproliferation (along with IRD and FCWMD)

Poster Session

Nuclear Nonproliferation Student Showcase (along with FCWMD, IRD, RPSD, and YMG)

Upcoming ANS Topical Meeting

The ANS Mathematics and Computations (M&C), Supercomputing in Nuclear Applications (SNA) and Monte Carlo (MC) conference in Nashville, TN from April 19-23, 2015 will include a technical session titled "Mathematical Methods in Safeguards and Nonproliferation". Of possible interest to NNTG members, this track will include topics such as experimental and simulation methods related to detection and characterization of special nuclear material, quantitative methods related to physical protection and transportation of nuclear materials, quantitative risk analysis, response in the event of a threat, and other pertinent topics. The paper submission deadline is October 31, 2014 (<http://mc2015.org>).