



# American Nuclear Society

Nuclear Criticality Safety Division

## Executive Committee Meeting Agenda

September 10, 2024

Member, position	Present?	Proxy
<b>Officers</b>		
Dominic (Fred) Winstanley, chair	x	
Andy Prichard, vice-chair	x	
Theresa Cutler, treasurer		
Kristan Wessels, secretary	x	
Tracy Stover, past chair		
Kim Burns, PDC Chair		
Katy Worrell, student member	x	
<b>Executive Committee At large Through June 2025</b>		
Michael L. Zerkle		
Larry L. Wetzel	x	
Hannah P. Morbach		
<b>Executive Committee At large Through June 2026</b>		
John Bess	x	
Mandy Bowles Tomaszewski	x	
Kristin Stolte	x	
<b>Executive Committee At large Through June 2027</b>		
Dallas Moser	x	
Shauntay Coleman	x	
Amy van der Vyver		

1. Welcome and roll call
  - a. Quorum and proxies
2. Officer/ Liaison Reports
  - a. Chair’s Report (Fred Winstanley)
    - i. Craig Piercy feedback

Fred had a discussion with Craig Piercy. Craig had no concerns about the Division. Craig did ask for ideas for credited certification. Deb stated that a large amount of work would be required to set up a credited certification and Andy reminded the group that certification has been discussed multiple times before. Fred said that other things would bring a better benefit the division members.

- b. Vice Chair’s Report (Andy Prichard)
      - i. 1 page abstract discussion

Andy attended an ANS meeting on the use of 1 page abstracts for ANS meetings. Material Science and Technology Division is the principal division driving this request, but is not



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the only division advocating for a change. Positives discussed include the use of these abstracts to present interim work. Negatives include low citation value. There are concerns with ANS staff work load and increased papers could lead to constraints on room availability at meetings. There have been past discussions within ANS at the time meetings were shortened to 3 days about driving longer paper submittals to drive a higher quality. Larry state that he believed that a 1 page abstract would dilute the value of a paper and would be hard to review.

It was determined that the Executive Committee would like the NCSD Program Committee to weigh in on impact of accepting 1 page abstracts.

ANS will have another meeting on 10/11 and a presentation is planned at the winter PDC meeting.

c. Treasurer's Report (Theresa Cutler)

Budget submitted for ballot, approved, and submitted to HQ

d. Secretary's Report (Kristan Wessels)

June meeting minutes approved. August meeting minutes to be sent for ballot within the next week.

e. PDC liaison (Fred/ Andy)

No additional information

f. Student liaison (Katy/ Rowdy)

Katy spoke with Craig Piercy but had no report since she knew Fred was also meeting with him. She suggested that there should be a student perspective on 1 page abstracts.

No additional update on the student conference at UNM in April. An agenda item is requested be added to the November meeting for the student conference to be presented.

g. ANS-8 series standards (Doug Bowen)

-ANS 8.28, Administrative Practices for the Use of Nondestructive Assay Measurements for Nuclear Criticality Safety has been approved and published

-ANS 8.15 and ANS 8.17 have been reaffirmed to support upcoming revisions

-ANS 8.26 is in recirculation ballot with one negative comment. It may need to go through re-ballot.

-ANS 8.22 has been through two rounds of ballot and has been submitted for reviewer review.

-ANS 8.20 is in recirculation NCSCC ballot for negative comment review

-Implementation concerns are being reported with the ANS 8.3-2022. DOE is having issues with implementation based on risk informed statements. This will be discussed at the ANS-8 Forum at the winter meeting.

### 3. Action responses

Received the green light from ANS to move forward with the revision to the NCSD bylaws and rules. Deb stated that PDC discussed additional changes to the bylaw and rules. Brittany to review the additional changes (sent by Deb).



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4. NCS D 2025 Topical (Theresa Cutler)  
Call for papers is out and planning continues. There are four workshops being planned for Sunday: Pu chemistry, MCNP, Thermal Scattering, and NDA tools.
5. Proposal for Young Members subcommittee (James Cole)  
Proposal presented for a Young Member subcommittee based on the UK Early Careers Criticality Safety Network.  
Motion: Approve Young Member Subcommittee based on material presented (attached). Second by Larry Wetzel. **Motion passed**.  
The next step is to determine a chair and establish members.
6. Committee Reports:
  - a. Program: Ben Martin  
No report.
  - b. Membership: Kristin Stolte  
Working on membership challenge for winter meeting. Based in discussions with students and other new members, more communication about the challenge is needed before the meeting. Discussed potential outreach at student conference.  
The subcommittee is looking for a vice-chair.
  - c. Honors and Awards: James Cole
    - i. New awards (attached)  
NCS D Division Chair Citation -models ANS Presidential Citation Outstanding Contribution – for individuals with less years of experience than Distinguished Service and Technical Excellence awards. Open for nominations until 9/30. Nominations should be emailed to James Cole.
    - ii. 2024 NCS D Awards Dinner update  
Maggianno's Wednesday night of winter meeting at 6 pm. Announcement email to be sent out soon.
  - d. Scholarship: Julie Ezold  
No report. Fred has action to follow up for October meeting.
  - e. Communications: Theresa Cutler
    - i. Newsletter  
Completed. Will post soon.
    - ii. Website (NCS D Website Survey)  
Members will be encouraged to provide feedback about the website using the website survey.
  - f. Education: Michael Fendler  
Committee met to determine goals for the next two years.
  - g. Bylaws and Rules: Brittany Williamson  
No additional information
  - h. Special Committee on Outreach to Military, Trades and Operations: Mackenzie Gorman  
No report. Fred has action to follow up for October meeting.
  - i. Nominating: Tracy Stover



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- i. Nominating committee names to ANS HQ (31 August)
- ii. Candidate names to ANS HQ (by 18 October)

No report.

### 7. 2024 Winter Meeting (Orlando)

- a. Committee meetings (room and equipment requirements)

Request to have NCSD Committee meetings added to program agenda sent in.

Discussed hybrid option and audio/visual equipment. Fred will send out price list to committee for review.

- b. Complimentary passes/ other

Division has 5 passes available for the winter conference. Deb and Kristin will discuss needed passes with Fred.

### 8. Old/New Business

None.

### Others in attendance:

James Cole, Michael Fendler, Lon Paulson, Doug Bowen, Ethan Krammer, Deb Hill, Brittany Williamson, David Erikson

### Liaison roles

Student liaison: Rowdy Davis

ANS Board liaison: Katy Worrell

### Actions

Action	Actionee	Date Raised	Date Due
Discuss with ANS Bylaws and Rules Committee to determine if they would approve a change to the division bylaws and rules given the ANS Bylaws and Rules changes in progress.	Brittany Williamson	8/13/24	10/8/24
Program Committee to weigh in on 1 page abstracts.	Fred Winstanley /Ben Martin/ Amy van der Vyer	9/10/24	10/8/24
Ensure the following subjects are on the Executive Committee Agenda for November meeting: -Student Conference -	Kristan Wessels	9/10/24	11/17/24
Chair to follow up with Committees for status: Scholarship	Fred Winstanley	9/10/24	10/8/24



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Special Committee on Outreach to Military, Trades and Operations			
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## Links

[NCSD Website Survey](#)

[Home -- Nuclear Criticality Safety Division \(ans.org\)](#) (NCSD website)

## NCS – Young Members Subcommittee Proposal

Purpose – In light of the influx of many young crit safety practitioners to the field a Young Member’s Subcommittee of the NCS is proposed to provide a mechanism for ‘early career’ individuals (age 35 and under or 6 years from graduating with a nuclear engineering or science degree) to network within the NCS community. This subcommittee will focus on topics of interest or concern to ‘early career’ individuals. This allows for a peer-to-peer structure to promote open communication and building relationships within the NCS community. This subcommittee will also offer training and educational opportunities to help improve retention in NCS. This subcommittee is modeled to mirror the successes of the UK Working Party on Criticality’s Early Career Criticality Safety Network.

Membership - Composed of not fewer than four (4) members including the Liaison with the Young Member Group, the Liaison with the Student Sections Committee, and the Vice-Chair. The Chair is appointed by the Division Chair for a term of two (2) years.

Title	Name
Chair	
Liaison; YMG and SSC	
De facto student member	
Vice-Chair	
Members	

### Benefits:

- Networking
- Input and vision for NCS
- Training opportunities
- Professional development
- Sharing lessons learned
- Learning community

### Committee Activities

- Meetings
  - As needed
  - ANS Summer and Winter
- Social/networking events
  - Coordinate one event per year
- Webinars
- Outreach
  - DOE sites
  - NRC sites
  - Universities

### **NCS D Division Chair Citation**

For recognition to individuals who, in their opinion, have demonstrated outstanding effort in some manner for the benefit of ANS, NCS D, and / or the nuclear community. The NCS D Division Chair has sole discretion as to who will receive a citation but is encouraged to seek input from other NCS D members on potential recipients.

### **Outstanding Contribution**

For contributions that are considered outstanding and impactful to the NCS D. This award is to recognize individuals that have significantly or continually supported the NCS D through efforts that have:

- 1) driven improvements/innovation in processes,
- 2) promoted collaborations within the NCS D or the larger ANS (cross-divisions)
- 3) supported significant work in NCS related standards
- 4) increased overall engagement of membership,
- 5) promoted diversity and inclusion,
- 6) provided significant mentorship

This award is typically based on a career (<15 yrs.) of commitment to with significant impact on the NCS D.

### **Distinguished Service**

For outstanding service in carrying out the activities of the NCS D, including leadership in governance functions, the development of its technical program, the organization of topical meetings, workshops and tutorials, professional consensus standards, and other functions performed by special committees. This award is typically based on a career (>15 yrs.) of commitment to with significant impact on the NCS D.

### **Technical Excellence**

For outstanding contributions in the development and application of nuclear criticality safety (NCS) technology. These contributions include, but are not limited to: 1) the performance and evaluation of experimental measurements pertinent to NCS, 2) the development of analytical and computational NCS methods, 3) notable NCS engineering applications such as the definition of upset conditions for complex fissile systems and/or the establishment of novel reactivity control strategies, 4) the development of the technical bases for effective and useful NCS guides, standards and regulations, and 5) the development and conduct of NCS education and training programs in these technical areas. This award is typically based on a career (> 15 yrs.) of technical excellence in support of NCS activities that have significantly impacted the NCS community