

ANS NCSD Newsletter Fall 2021

Community Highlights –Officers

Division Officers

Chair – David Erickson
Vice Chair – Katherin Goluoglu
Secretary – Theresa Cutler
Treasurer – Brittany Williamson
Immediate Past Chair – Lon Paulson
Executive Members: K. Bunde, W. Marshall, H. Green, K. Stolte, L. Johnson, A. Miller, A. McCarthy, N. Brown, J. Christensen, W. Cook

Education Committee

Chair – Mandy Tomaszewski
Vice Chair – Michael Fendler

Program Committee

Chair – Vladimir Sobes
Vice Chair – Ben Martin

Communication Committee

Chair – James Bunsen
Vice Chair – Theresa Cutler
Webmaster – Carlos Graybill

Nominating Committee

Chair – Lon Paulson

Honors and Awards

Chair – Kristan Wessels
Vice Chair – Available!*

Scholarship

Chair – Julie Ezold
Vice Chair – Available!*

Membership

Chair – Mac Cook
Vice Chair – Kristin Stolte

Goals

Chair – Tracy Stover
Vice Chair – Available!*

NCSD YMG/SSC Liaison – Kelsey Amundson

*Contact James Bunsen if interested in available positions jbunsen@lanl.gov

Member Highlight – Bryn Davies

It's not every day a professional stand-up bass player becomes a nuclear engineer, but Y-12 safety engineer Bryn Davies did just that! Davies grew up in California and attended jazz school at Berklee College of Music in Boston. She spent nearly two decades touring the country, playing stand-up bass for Americana, folk, country, and bluegrass later performed at the Grammy Awards in 2013. Life catches up with everyone and after getting married and having two beautiful children, Bryn decided it was time to go back to school and find a career to keep her at home. She received her bachelor's degree in Nuclear Engineering in 2019 from the University of Tennessee. Upon graduation she ended up at the Y-12 National Security Complex as a Nuclear Criticality Safety Engineer. She enjoys the part of her brain she has to use in engineering and looks forward to the new challenges for her!



Bryn Davies

Site Highlight - NCERC

This year the National Criticality Experiments Research Center (NCERC) celebrated its 10th year of operation! NCERC is a general-purpose critical experiment facility and one of a few that remain operational throughout the world. Critical experiments were relocated from the Los Alamos Critical Experiments Facility 10 years ago after 65 years of operations. Four critical assembly machines, Planet, Comet, Flattop, and Godiva along with an associated inventory of SNM enable both critical experiments and static subcritical experiments. During the first 10 years of NCERC operations, almost 50 separate critical experiments have been performed along with approximately 20 subcritical experiments.



Np Sphere at NCERC

UPCOMING EVENTS

Trainings/Classes:

- Intermediate MCNP6 (Oct. 4-8) online
- Unstructured Mesh with Attila4MC (Oct. 18-22) online
- SCALE Computational Methods for Burnup Credit (Oct. 25-28) Online
- SCALE Criticality Safety Calculations (KENO V.a and KENO-VI) (Nov. 8-11) Online
- Introduction to MCNP6 (Nov. 15-19) Online
- Variance Reduction with MCNP6 (Nov. 29-Dec. 1) online
- 2-Week CSE Course, NCSP Hands On (Jan. 31-Feb. 11)

<https://www.ornl.gov/scale/training>

https://laws.lanl.gov/vhosts/mcnp.lanl.gov/classes/classinfo_rmain.html

<https://ncsp.llnl.gov/training.php>

Conference Reminders:

- Young Professionals Congress (Nov. 12-13) Online
- <https://www.ans.org/meetings/ypc2021/>
- ANS 2021 Winter Meeting (Nov. 30-Dec. 3)
- <https://www.ans.org/meetings/wm2021/>
- 2022 NCSD Topical
- Call For Papers is Out
 - One Page Abstracts Due Oct. 15
 - Honors and Awards Banquet Dinner
 - <https://www.ans.org/meetings/view-312/>