



ANS•NAYGN•NEI•U.S. WIN
#AtomicAllies

February 8th at 5pm ET

Speakers :

Ellen Ginsberg - NEI

Matthew Mairinger - NAYGN

Victoria Dennis - U.S. WIN

Amanda Bachmann - ANS

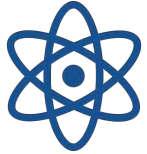




Intro to Atomic Allies

Amanda Bachmann

About ANS



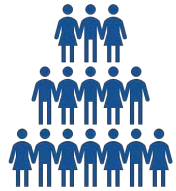
1954
Established



19 Professional
Divisions



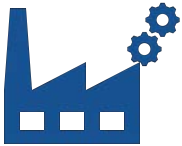
19 Committees



10,000+
Individual
Members



35 Local Sections



80+
Organization
Members



58 Student Sections

About ANS

Publications



- Nuclear Newswire
- *Nuclear News*
- *Radwaste Solutions*
- 3 technical journals

Events



- 2 national meetings
- Topical meetings
- Student Conference
- Webinars

Advocacy



- Rapid Response Task Force
- Media relations
- Representation in DC
- ANS STEM Academy

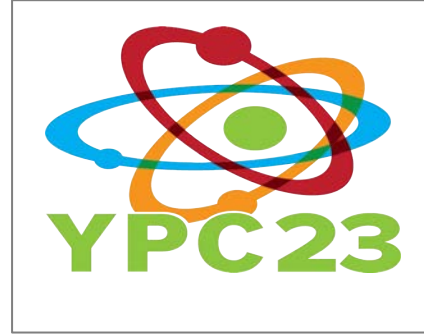
Upcoming Meetings



April 13-15, 2023
Student Conference
Knoxville, TN



June 11-14, 2023
ANS Annual Meeting
Indianapolis, IN



November 11, 2023
Young Professionals
Congress
Washington, DC



November 12-15, 2023
ANS Winter Meeting
Washington, DC

 American Nuclear Society

STEM
ACADEMY

NAVIGATING™
NUCLEAR 

NUCLEAR 
AMBASSADORS

EDUCATOR
TRAINING 

PATHWAYS TO
NUCLEAR 



American Nuclear Society



Intro to the Atomic Allies

Matthew Mairinger, PMP, P.Eng.

NAYGN Vice President

vp@navgn.org

08-Feb-2023



NAYGN

- What is the North American Young Generation in Nuclear (NAYGN) vision?
 - Developing leaders to energize the future of nuclear
- When was NAYGN started?
 - 1999
- What is the NAYGN mission statement?
 - NAYGN provides opportunities for a young generation of nuclear enthusiasts to develop leadership and professional skills, create life-long connections, engage and inform the public, and inspire today's nuclear technology professionals to meet the challenges of the 21st century."
- What are the NAYGN pillars?
 - Professional Development, Public Information, Recruitment & Retention, Knowledge Transfer



NAYGN

- Do you have to be young to be a member?
 - No age restrictions for member/committee/chapter lead. Only age is <36 years of age at the time of nomination to run for the NAYGN board of directors.
- How do I become a member?
 - Register for free at www.naygn.org/register and you will start to receive emails! Check your spam inbox for emails from 'communications@naygn.org'
- Is NAYGN a non-profit? The organization or the chapter?
 - The NAYGN organization (not the chapters) is a 501c(6) non-profit.
- Overview video here: <https://youtu.be/Jga0CtSVU0Y>

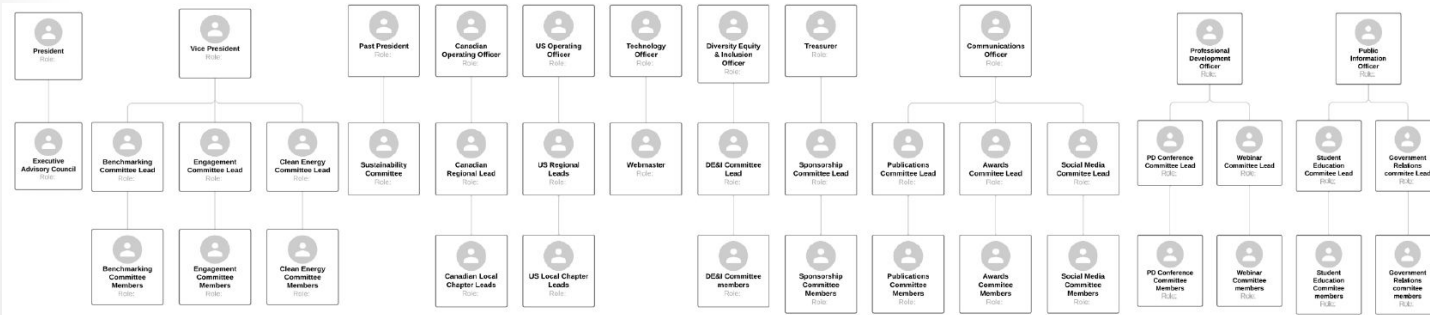
NAYGN Chapters

- **100+ Chapters**
 - Canada
 - USA (6 sub regions)
 - Mexico

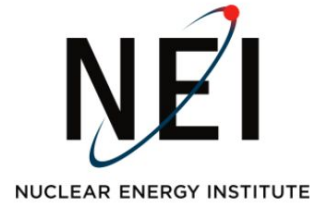


NAYGN Org Chart

- **11 elected board members**
- **1 Executive Advisory Council**
- **16 committees**



Industry Partners



Professional Development

- Webinars (fusion, advanced nuclear, soft skills workshops)
- Book clubs ('Atomic Habits', DE&I Topics - 'Birds of All Feathers' and 'Overcome Stereotypes')
- Annual regional & national conferences
- NucLEADers program
- Atomic Mentor Program



A collage of promotional materials for NucLEADers and the Atomic Mentor Program (AMP). At the top right is the "NUCLEADERS" logo with a globe icon. Below it is the "NAYGN ATOMIC MENTORING PROGRAM" logo. The central part features a flyer titled "AMP UP YOUR CAREER!" with three testimonials from Alex Gomez, Sarah Gilliam, and Charles Berntsen. To the right of the testimonials is a flowchart showing the AMP process: Self-Assessment, Personal Vision, Gap Analysis, Smart Goals, and Leadership Activity. Below the flowchart are statistics: "100% Say they would participate in AMP again if offered the opportunity (based on surveyed AMP participants)", "1.2 hrs Average time commitment per week over a period of 12 weeks (based on surveyed AMP participants)", "5x-6x More were promoted six times more often (based on a study quoted by Forbes.com)", and "90% Of workers who have a mentor report being happy in their job (based on a study by CNBC)". At the bottom is the "VISIT NAYGN.ORG/AMP TO APPLY!" call to action, with a note that "Application deadline is 2023/02/22 23:59:59 (EST) and 2023/02/22 (Eastern Standard Time). Acceptance is subject to application approval and program capacity." Logos for NAYGN, American Nuclear Society Young Members Group, and NEDHO (Nuclear Engineering Department, Middle Tennessee State University) are at the bottom left. A globe logo with a nuclear symbol and the text "NAYGN NORTH AMERICAN YOUNG GENERATION IN NUCLEAR" is at the bottom right.

DE&I

- Created the DE&I committee and had external D&I audit of NAYGN & Board had a strategic planning meeting with D&I expert
- Signed onto 'Equal by 30' and EHRC 'Leadership Accord'
- Amplified member videos
- All 6 regional conferences had DE&I sessions, and the [NEA/NAYGN national conference](#) had DE&I programs
- Joint events and workshops with National Society of Black Engineers & US Women In Nuclear
- Hosted D&I workshops (including 3 part unconscious bias series)
- Added D&I category for awards, working on adding DE&I metrics
- Full time board position for DE&I
- Added directly into Bylaws DE&I membership wording and land acknowledgement– approved by members in 2021 vote
- Added DEI commitment requirement for all incoming board of directors

Public Speaking



COP26



Official COP26 We Need Net Zero Nuclear Flash Mob - YouTube

COP27

- [COP27 Recap!](#) | NAYGN



Take Action

News Videos Leadership Sponsors and Supporters **Take Action** Get Involved Testimonials Shop Helpful Links

Home About Us Committees Chapters Events Member Center

<https://naygn.org/take-action/>

Home Directory Bills Votes Elections Media

Our Issues

Thank You for Supporting Nuclear Energy Via the Inflation Reduction Bill

Reach out to your Senators and Representatives who supported nuclear energy via their vote on the Inflation Reduction Bill.



TAKE ACTION

Support the HR 4819, the National Nuclear University Research Infrastructure Reinvestment Act of 2021

HR 4819, the National Nuclear University Research Infrastructure Reinvestment Act of 2021 has been accepted as an amendment to the House COMPETES Act this week. Please support this by taking action to your elected official as this would be an important upgrade to the national educational research and training infrastructure if ultimately authorized and appropriated.

TAKE ACTION

CALL TO ACTION: Support CNL's NSDF Project

Canadian Nuclear Laboratories (CNL) is seeking your support to advance the future of waste disposal in Canada. They need our help!



TAKE ACTION

Smart Policy Supports Nuclear

On Capitol Hill and across the country, legislatures are considering smart nuclear policy. Contact your lawmaker today and let them know nuclear is an important part of our energy needs.



TAKE ACTION

Compose Your Own Message



Street Address

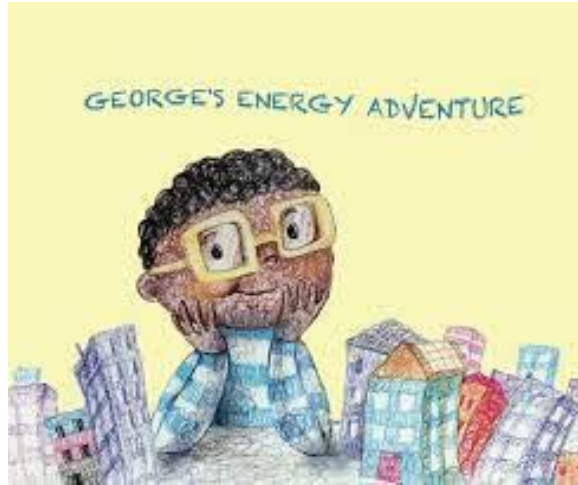
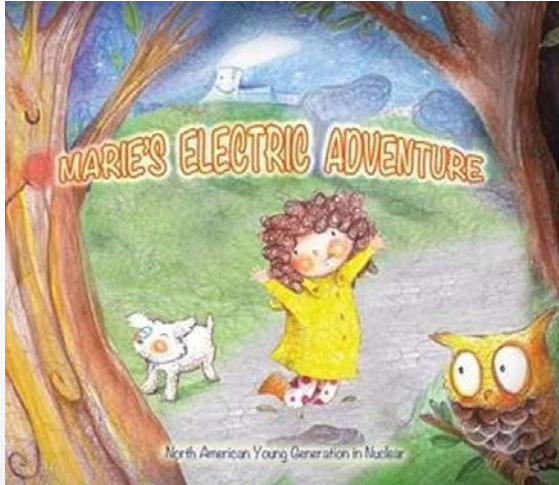
Zip

GO



Public Information

- 3 NAYGN Children's books, annual drawing contest, annual essay contest



Community Service



Networking

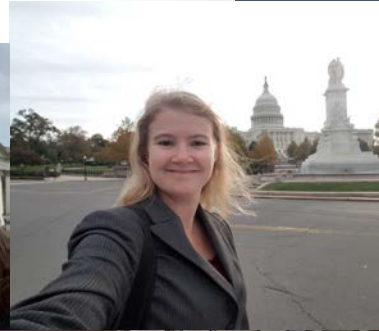
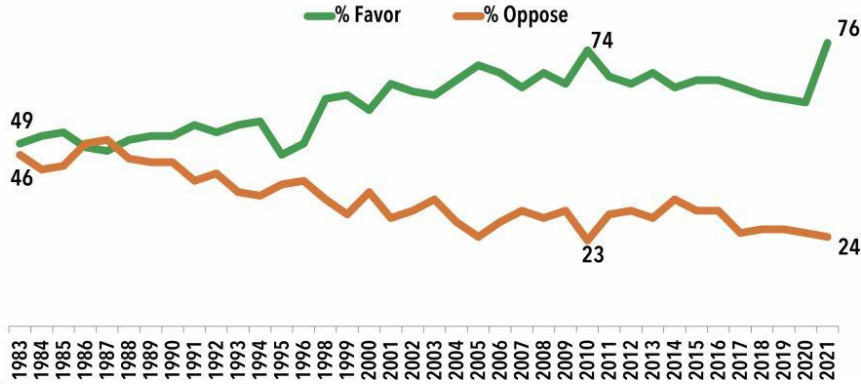




Making a difference

Favorability to Nuclear Energy 1983–2021

Overall, do you strongly favor, somewhat favor, somewhat oppose, or strongly oppose the use of nuclear energy as one of the ways to provide electricity in the United States?



2023 NAYGN Conference

- \$400 [registration](#) until March 15th
- 30 exhibitor booth spots available
- PD sessions, workshops, facility tours, socials!





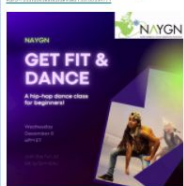
Featured

NAYGN is Hosting a Dance Night!

On December 8 (8pm-11pm) NAYGN will host our members with a special event designed for the generation and 20-30 years old nuclear professionals in the industry.

Join us at the event: <https://www.facebook.com/naygn>

Get more info: <https://www.facebook.com/naygn>



November

Coal to Nuclear: Transitioning to a Cleaner Energy Future

The Friday, November 6 session (10:30am to 12:30pm EST) Nuclear

Members focus on the topic "Coal to Nuclear: Transitioning to a Cleaner Energy Future". The event will discuss the

benefits of having our generation with advanced nuclear power.

Participants will hear from industry professionals and learn how to

integrate nuclear into their professional careers. They will also highlight the

importance of having our generation with advanced nuclear power and

how they can get involved in the industry while promoting an equitable

transition to a cleaner energy future.

Panel participants will include:

- **Dr. Shiva Sankar**, Director of Consulting, R&D and Systems Integration at the Office of Nuclear Energy and Control Management, Department of Energy
- **Jan Cho**, Site President of Government Affairs at Energy Research Corp.
- **Jeff Madsen**, Director of Government Affairs at TerraPower

Event: <https://www.facebook.com/naygn>

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Developing leaders to energize the future of nuclear.

North American Young Generation In Nuclear (NAYGN) provides opportunities for a young generation of nuclear enthusiasts to develop leadership and professional skills, create life-long connections, engage and inform the public, and inspire today's nuclear technology professionals to meet the challenges of the 21st century.

BECOME A MEMBER FOR FREE TODAY!

Register FOR FREE Online

Amanda Lang
View profile

Notifications

Email Newsletters

Website Subscribers

[Update Notifications](#)

	Account	>
	Change Password	>
	Privacy	>
	Notifications	>
	Delete Account	>

Opt in to "Website Subscribers" to Receive Our Newsletter

Learn about all our cool events via the Newsletter!

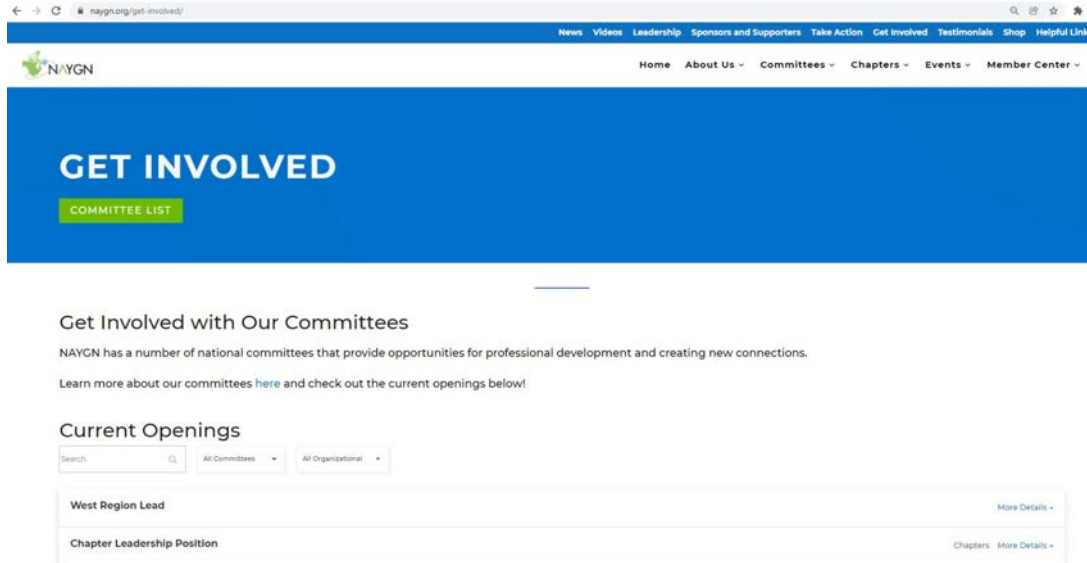


Attention NAYGN Members!

We are starting our first 2018 communication activities social media, events, & publications



Get Involved



The screenshot shows a web browser window with the URL `naygn.org/get-involved/`. The page features a blue header with the NAYGN logo and navigation links: Home, About Us, Committees, Chapters, Events, and Member Center. A large blue banner contains the text "GET INVOLVED" and a yellow button labeled "COMMITTEE LIST". Below the banner, the heading "Get Involved with Our Committees" is followed by a paragraph: "NAYGN has a number of national committees that provide opportunities for professional development and creating new connections. Learn more about our committees [here](#) and check out the current openings below!". A section titled "Current Openings" includes a search bar and two dropdown menus: "All Committees" and "All Organizational". Two job openings are listed: "West Region Lead" and "Chapter Leadership Position", each with a "More Details" link.

Get Involved with Our Committees

NAYGN has a number of national committees that provide opportunities for professional development and creating new connections. Learn more about our committees [here](#) and check out the current openings below!

Current Openings

Search: All Committees All Organizational

West Region Lead	More Details
Chapter Leadership Position	Chapters More Details



Sign up as a member (for free!) at www.naygn.org/register to receive updates from the NAYGN organization.



info@naygn.org



www.naygn.org



@na_ygn



@NA_YGN



North American Young
Generation in Nuclear -
NAYGN



@NA_YGN

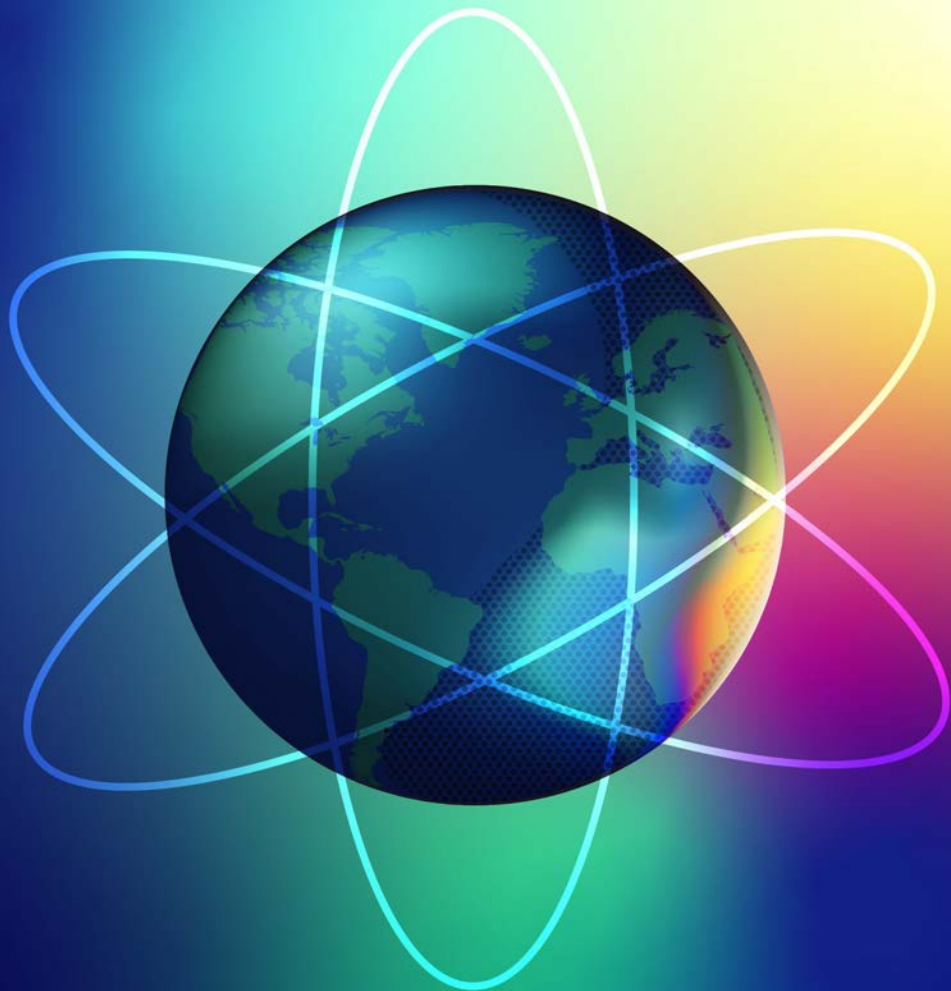




The Voice of the Nuclear Industry

Atomic Allies
Introduction to the Organizations

February 2023





THE NUCLEAR ENERGY INSTITUTE is the leading **policy organization** in the United States, based in Washington, D.C. On behalf of its members, NEI is the **unified voice** of the nuclear energy industry on various **policy** and **technical issues**.

300+ MEMBERS IN 17 COUNTRIES

A scenic landscape featuring a sun setting over a range of mountains. In the foreground, a rocky hillside is covered with green and yellow vegetation. The sun is positioned in the upper right quadrant, creating a bright glow and casting long shadows across the landscape. The sky is a mix of blue and orange hues, with some wispy clouds.

VISION

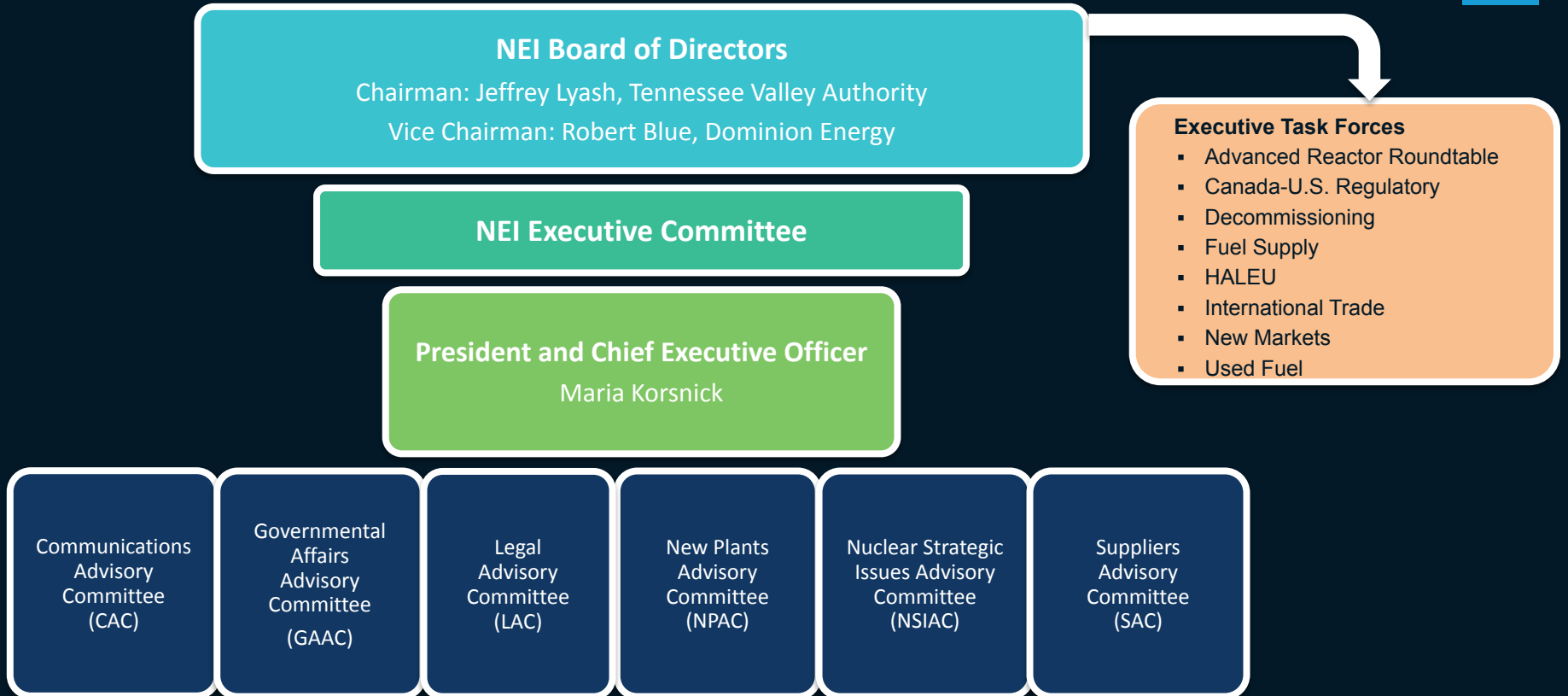
A world powered by clean and reliable energy

MISSION

Promote the use and growth of nuclear energy through efficient operations and effective policy



NEI Governance Structure



Executive Leadership Team



Maria Korsnick
President &
Chief Executive Officer



Doug True
Senior Vice President &
Chief Nuclear Officer



Erin Hultman
Vice President &
Chief Financial Officer



Ellen Ginsberg
Sr. Vice President, General
Counsel & Secretary



Jennifer Uhle
Vice President,
Technical & Regulatory



Jon Wentzel
Vice President,
Communications



Beverly Marshall
Vice President,
Governmental Affairs



John Kotek
Senior Vice President,
Policy & Public Affairs

National Nuclear Energy Strategy

Markets for the Nuclear Industry



**U.S. Grid
Electricity**




**International
Market**



**New
Applications**

Building Blocks For the Nuclear Industry



Optimizing Operations

Achieve operational competitiveness and excellence for nuclear power




Carbon-Free Energy Value

Ensure the widespread implementation of carbon-free energy policies that meaningfully value nuclear.



Investors and Customers

Nuclear energy is considered an attractive product / outcome when balancing financial, political, and social responsibility factors.



Advancing Innovative Technologies

Deploy a portfolio of nuclear energy technologies that meet timing, cost and other needs of the electricity and other energy markets



Supply Chain and Workforce

Maintain a stable supply chain and workforce that can support and evolving nuclear industry.

Organizations Supported by NEI



- Foundation for Nuclear Studies
- Nuclear Matters
- U.S. Women in Nuclear
- Veterans in Energy

Victoria Dennis Chair

- Vision
- Strategic Objectives
- Initiatives
 - NEXT – Leadership Development
 - GROW - Mentoring
 - Diversity, Equity, Inclusion
- Opportunities
 - National Conferences
 - Regional Conferences
 - Webinars
 - Newsletter Articles



U.S. Women in Nuclear Vision

- Positioning the United States for the future of nuclear energy and technology through the advancement of women

• Strategic Objectives

- Drive a culture in nuclear energy and technology in which individuals succeed
- Create professional development and networking opportunities for career advancement
- Enhance understanding and awareness of the value of nuclear energy and technology

U.S.  Women in Nuclear®

 | NUCLEAR EXECUTIVES
OF TOMORROW

GROW

GROWTH • RELATIONSHIPS • OPPORTUNITIES
U.S. WOMEN IN NUCLEAR MENTORSHIP

We aim to achieve professional growth and leadership development through empowering relationships

Vision

Provide knowledge and tools for mentees and mentors to be successful in leveraging relationships that foster career and personal growth for individuals in the nuclear energy and technology fields. Develop solid relationships, interpersonal skills, and business knowledge to drive organizational effectiveness and efficiency.

Program Goals

- A. Pair experienced nuclear professionals with less experienced nuclear professionals or students.
- B. Share lessons learned, anecdotes, operational excellence, etc. relating to time in industry or academia.
- C. Set and complete goals using a tracking system for accountability and sharing purposes.
- D. Collect actionable feedback from program participants and use lessons learned to enhance the program.



Diversity, Equity & Inclusion

U.S. WIN DEI Working Group

- Task Forces
 - Inclusion – employee life-cycle
 - Mid-Level Management
 - LGBTQIA+
 - Library – best practices

U.S. WIN Professional Development & Networking Opportunities

- National Level
 - Conferences – 2023 in Scottsdale, AZ
 - Webinars
 - Prof Dev Week
 - Nuclear Science Week
 - Committees
- Regional Conferences
- Chapter Activities
- At-Large Membership

•For more information on how you can join and participate in U.S. Women in Nuclear, please visit our website: www.winus.org

- **Membership is free**

- Connect with us on social media:**

- Facebook: U.S. Women in Nuclear
@USWomeninNuclear
- Twitter: U.S. WIN
@WomenInNuclear
- Instagram: @nukeboss_uswin
@uswomeninnuclear
- LinkedIn: U.S. Women in Nuclear
- YouTube: U.S. Women in Nuclear



2/8/2023





**Please submit questions in the chat to
“Q&A Submission”**



ANS•NAYGN•NEI•U.S. WIN
#AtomicAllies

February 8th at 5pm ET

Speakers :

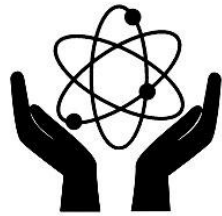
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ANS • NAYGN • NEI • U.S. WIN

#AtomicAllies

Questions for discussion:

- What brought you into the nuclear industry?
- What about the nuclear industry today makes you most hopeful?
- What is your specialization within nuclear? How/why did you choose to specialize in this?
- What is the one biggest opportunity that you see for the U.S. nuclear industry in the coming years?
- Who has been your most influential mentor? Why?
- How does your work impact the nuclear industry?
- Are you involved in one of the Atomic Allies member organizations (WIN, ANS, NAYGN, NEI)? How?
- What do you like about your job?