



April 2019 Local Chapter Lead Meeting

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April 25, 2019

Agenda

- ▶ Updates: North of the Wall
- ▶ 2018 NAYGN End of Year Report
- ▶ NAYGN Leadership Changes
- ▶ Finance Update(s)
- ▶ PI Update(s):
 - ▶ George's Energy Adventure
- ▶ PD Update(s):
 - ▶ NAYGN Conference
- ▶ Best Practices - NAYGN Rolls Royce chapter
- ▶ Metrics

Updates: North of the Wall



- ▶ Ontario Power Generation
 - ▶ The Darlington Refurbishment has now successfully reassembled the Unit 2 reactor core (RTS in 2020). The plan is to refurbish all four CANDU units with refurbishment starting on unit 3 after Unit 2 RTS.
 - ▶ Pickering (6 CANDU units) will run until 2024 with no plans to refurbish the units.
- ▶ Bruce Power will begin their 13 year Major Component Replacement (MCR) life extension program for Units 3-8, starting with Unit 6 in 2020.
- ▶ Global First Power has submitted an application to the CNSC for a license to prepare site for a SMR at the Chalk River Laboratories location.
- ▶ Vancouver will be the site of the Mission Innovation 4 (MI4) / Clean Energy Conference 10 (CEM10) in May and this will be the first time nuclear has been included!
- ▶ Federal elections will take place this year

2018 NAYGN End of Year Report

- ▶ The End of Year Report is now available! This is a great thing to share with sponsors and NAYGN members in your chapter as it shows the collective impact we had!



2018 End of Year Report

2018 HIGHLIGHTS

NEI Top Industry Practice (TIP) Award
NAYGN was awarded a NEI TIP Award for *The NAYGN Impact*, an initiative that aligned the efforts of the organization with the needs of the industry. The results of the effort prove that allowing innovative ideas to flow from the bottom-up, utilizing the enthusiasms of volunteers, and collaborating across companies will advance the future of nuclear.

Innovating Our Impact Program
NAYGN transformed *The NAYGN Impact* into *Innovating Our Impact*. The program provides an avenue and support for local chapter run projects to be shared with the greater organization. The 2018 projects include the continental SENSEI Award to recognize outstanding mentors in the industry, 3D printed fuel bundle blueprints for community and classroom outreach, and outreach activity tool kits mailed to chapters.

Teacher's Workshop
NAYGN hosted its first ever Teacher's workshop in Atlanta, GA in conjunction with our Professional Development Conference, giving Georgia teachers the tools to bring nuclear themed topics back to their classrooms through state accredited training.

Highest Metrics Recorded in Canada
NAYGN Canadian participation in 2018 was the highest recorded and increased by 50% when compared to the former year due to the creation and/or reinvigoration of four chapters and increased engagement from active chapters and members across the country.

Millennial Nuclear Caucus
Co-hosting with the Department of Energy, NAYGN brought together over 200 next generation leaders in nuclear to discuss the path forward for the industry.

2018 METRICS

89,677	PARTICIPATION HOURS
125,366	MEMBERS OF PUBLIC REACHED
64	ACTIVE LOCAL CHAPTERS
6,600	CONTACTS WITH LEGISLATORS

WE WANT A STRONG FUTURE

86%
Job Satisfaction

The 2018 NAYGN Career Report reveals that young nuclear professionals enjoy their careers and desire a strong future for the nuclear industry, despite career outlook concerns. Overall, 86% of those surveyed are satisfied with their jobs, which is a slight increase from the 2016 results.

Results show that members believe compensation and job security to be of highest importance to their satisfaction level. Two noted differences between importance and satisfaction were the high importance of trust and communication between employees and senior management and career advancement opportunities. However, these were not rated for high satisfaction; this conveys an area for improvement within the industry. Over 1,000 members participated in the survey.

ON THE HORIZON
In 2019, NAYGN will celebrate its 20th anniversary! We hope you will join us in our birthday celebrations throughout the year as we honor the past and prepare for our next 20 years.



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ABOUT NAYGN

NAYGN is a professional society with a vision to "develop leaders to energize the future of nuclear." It provides opportunities for a young generation of nuclear enthusiasts to develop leadership and professional skills, create lifelong connections, engage and inform the public, and inspire today's nuclear technology professionals to meet the challenges of the 21st century.

NAYGN Core Members (2019)

- ▶ Voting is now over, congratulations to all newly elected core members!
- ▶ Terms begin on Monday, June 3rd at the conclusion of our NAYGN Conference.
 - ▶ Vice President - **Amber Von Ruden**
 - ▶ Public Information - **Amanda Lang**
 - ▶ Communications - **Paul Balik**
 - ▶ U.S. Affairs - **Nick Wilson**
 - ▶ Lee Causey will transition from VP to President and Christine Johnsen will transition into the Past President role.
 - ▶ Matthew Mairinger and Cayla Thompson will continue their roles (Canadian Affairs Chair and Professional Development Chair)

TBD
Treasurer

Cayla Thompson
Prof. Development

Matt Mairinger
Canadian Affairs



Christine Johnsen
Past President

Lee Causey
President

Amber Von Ruden
Vice President



Paul Balik
Communications

Amanda Lang
Public Information

Nick Wilson
U.S. Affairs



NAYGN Leadership Opportunities

- ▶ With Amber stepping into the VP role from treasurer This leaves an opening in the core. If you are interested (or would like to nominate someone for the position please reach out to president@naygn.org by EOD April 26th. To backfill a position it is a core vote so the nomination does not require another membership vote.
- ▶ With Nick stepping into the U.S. Affairs Position and Paul Balik stepping into the Communications Chair position this means there is an opening for Atlantic & Northeast regional leads. If you are interested or want to learn more email usa@naygn.org

TBD
Treasurer



WE NEED YOU

Christine Johnsen
Past President



Paul Balik
Communications



Cayla Thompson
Prof. Development



Lee Causey
President



Amanda Lang
Public Information



Matt Mairinger
Canadian Affairs



Amber Von Ruden
Vice President



Nick Wilson
U.S. Affairs



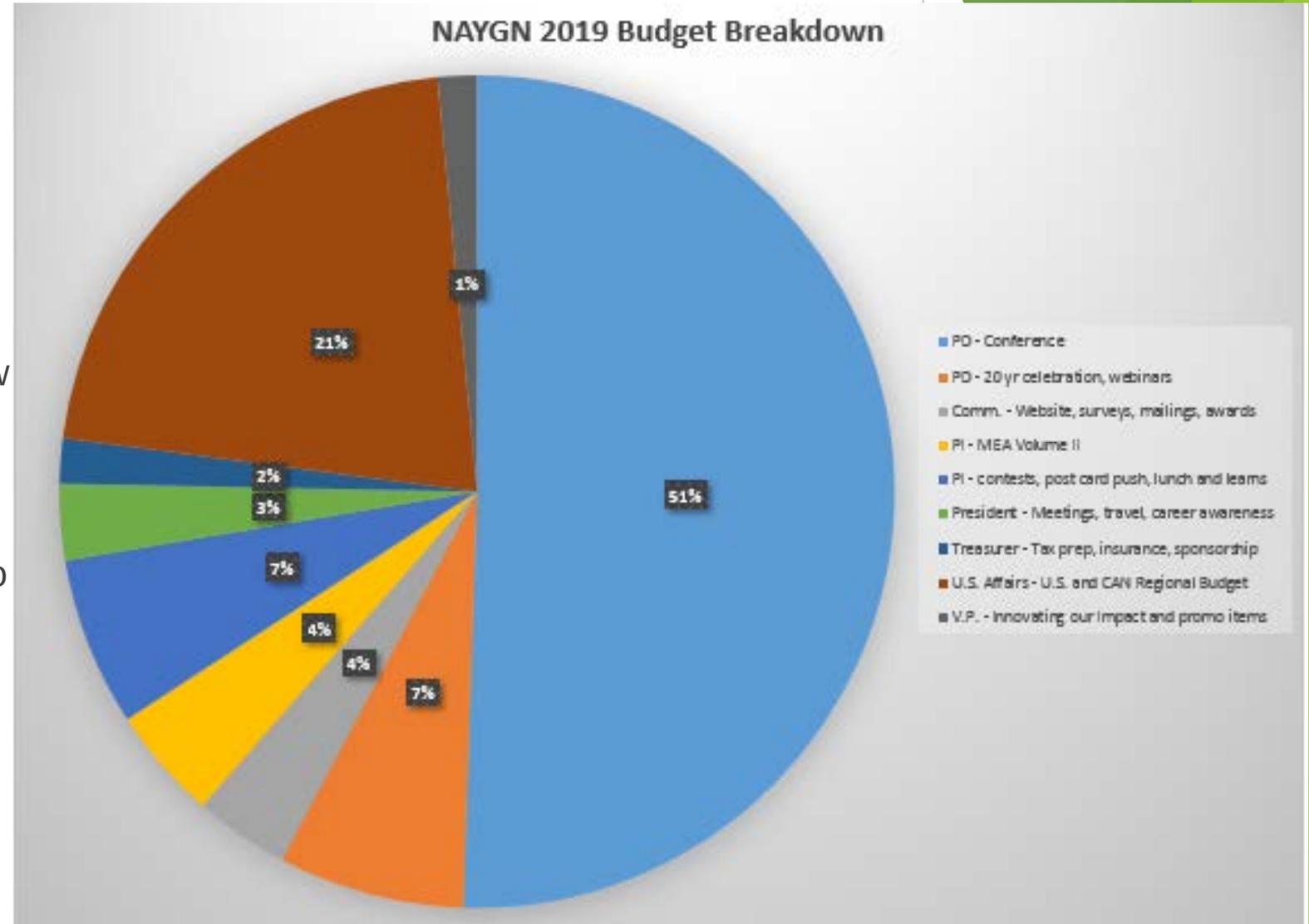
NAYGN Finance 101

- ▶ NAYGN is a 501(c)(6) nonprofit organization.
 - ▶ Versus 501 (c)(3) which is your standard charity organization
 - ▶ We operate primarily to promote common business interests of our members
 - ▶ We cannot offer tax deduction for sponsorships
 - ▶ We are ran by a Board of Directors aka the Core, who are legally responsible for the operations of the business including budgets, sponsorships, business standing, tax returns, etc.
- ▶ How does NAYGN make money to support our annual budget?
 - ▶ Historically, we have never asked for membership fees
 - ▶ Instead, we request sponsorships from supporting companies in and out of the nuclear industry
- ▶ How do sponsorships work?
 - ▶ Every year, we reach out to companies for sponsorship offered at different tiers with different benefits through the Fundraising Committee
 - ▶ We utilize previous sponsors, current NAYGN chapter companies, vendor associates, etc.
 - ▶ We ALWAYS need your help in driving future sponsorships to sustain the organization!

NAYGN Budget by the Numbers

As members, think about:

- ▶ Where would you like to see NAYGN's money go?
- ▶ How can we gain additional sponsors to fund more cool initiatives?
- ▶ When reviewing budget items, how do we balance value added to the organization vs cost of activity?
- ▶ Is your company a national sponsor? If not, what can you do to gain sponsorship from your company?
- ▶ Want to help more? Contact treasurer@naygn.org to join the Fundraising Committee!



George's Energy Adventure

- ▶ Pre-orders are being accepted until May 1, 2019.
- ▶ Pre-orders must be placed in increments of 30 books at a price of \$150 USD / \$200 CDN per box (which includes shipping).
- ▶ Any questions can be sent to adventure@naygn.org
<https://www.surveymonkey.com/r/NAYGNBookOrder>

GEORGE'S ELECTRIC ADVENTURE



NAYGN Conference

- ▶ June 2-5, 2019. NAYGN registration is \$895 USD until May 13th (jumps to \$1020 USD)
<https://www.nei.org/conferences/nuclear-energy-assembly>
- ▶ Save the dates have been sent out, schedule details are
<https://www.nei.org/CorporateSite/media/filefolder/conferences/nea/NAYGN-Agenda-Web.pdf> and were covered in the last LCL call.
- ▶ RSVP for the NAYGN's Birthday Bash (Sunday June 2nd 16:30 - 18:30)
<https://www.eventbrite.com/e/naygn-birthday-bash-tickets-60773499172>
- ▶ Please reach out to president@naygn.org if your chapter's executive sponsor(s) is going to be in town so we can ensure we extend our birthday bash invitation to them.

NAYGN Conference - Hill Day

- ▶ If you will be participating in the NAYGN conference Hill Day (June 5th in Washington DC) you need to participate in the below webinar (Thursday May 2, 2019 3pm EST). Just a reminder that the Hill Day visits will be **educational/informational** and not **lobbying**.
- ▶ <https://naygn.webex.com/naygn/onstage/g.php?MTID=ec39744417f8820b8a98f43ed664c6e1b>
- ▶ Audio conference: Call-in toll number (US/Canada)
1-650-479-3208
Access code: 664 163 232

Best Practices - NAYGN Rolls Royce

Design Lives Here - is a semester-long engineering initiative that equips teachers and students to participate in engineering activities within their school or afterschool program.

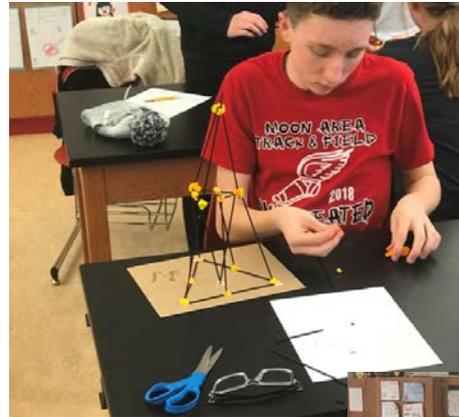
NAYGN engineers met weekly with students to mentor them through the design process for their inventions and engineering challenges like the shake table tower (pictured below).

<https://www.wqed.org/education/designliveshere>

Moon Middle School Design Days

Participating Schools (2018-19):

Blessed Trinity Academy
Deer Lakes Middle School
Elizabeth Forward Middle School
Franklin Regional
Haines Middle School
Independence Middle School
J.E. Harrison Middle School
Marshall Elementary- North Allegheny
Moon Middle School
New Kensington Arnold School District
Our Lady of Most Blessed Sacrament
Propel East
Ryan Gloyer Middle School-Seneca Valley
Schiller STEAM Academy
St. Phillip



Best Practices - NAYGN Rolls Royce

Invention Connection- The 6 week program culminated with students, educators, facilitators and engineers participating in a two day 'Invention Convention' event at the WQED studios where Mr. Rodgers' Neighborhood was filmed.

Students presented their inventions and participated in engineering activities throughout the day.

This event was filmed and we hope to see the result posted to local/social media later this year.



Communications & Best Practices

- ▶ Had a great event? Is your chapter up to something cool?
- ▶ Submit an event summary and pictures to communications@naygn.org to be featured in the Go Nuke article.
- ▶ And/or to USA@naygn.org and Canada@naygn.org to be shared on the next LCL call.

Metrics

- Remember to submit your metrics using the online tool ([2019 METRICS](#)) as the year progresses so we don't have the December metrics panic. 1/3 of the year is over and many regions have not yet reported

Region	HOURS				REACH	
	PD	Networking	PI	CS	PI	CS
Atlantic						
Canada						
Carolinas	111	92	75	0	1580	
Midwest						
Northeast						
Southeast	0	0	20	20	50	
West						
TOTAL	111	92	95	20	1630	0
Total				318	1630	



Open Discussion

