

North American Young Generation in Nuclear

NA-YGN and IYNC 2012

Waste Management Symposia, Phoenix, AZ

March 1, 2011

Jessica Lane

Communication Chair, NA-YGN APS Chapter



NA-YGN

- **What is NA-YGN?**
 - What is our Mission and Structure?
 - Who are our Members?
 - What is a Local Chapter?
 - What are our Success Stories?
- **What to expect for IYNC 2012**
 - Charlotte, NC August 2012
 - Technical Track and Professional Development Workshops
 - An international experience with your peers
- **Questions**



What is NA-YGN?

Established in 1999 by young professionals from the US, Canada and Mexico, NA-YGN encompasses both technical and non-technical members of the nuclear industry.

Our Mission:

The mission of the North American – Young Generation in Nuclear (NA-YGN) is to unite young professionals who believe in Nuclear Science and Technology and are working together throughout North America to share their passion for a field that is alive and kicking



Our Infrastructure

Core Chairs	President Elizabeth McAndrew	VP Duncan Robinson	PD Chair Erin West	PI Chair Morgan Davis	Communications Chair Misha Swanson	Treasurer Adam Strange	US Affairs Kristin Zaitz	Canadian Affairs Christine John	Mexican Affairs Guadalupe Almazán-Torres	Past President Michael Kurzeja
Appointed Core Chairs					Publications Chair Maurice McCaney	Promotional Items Lisa Barile				
					Webmaster Michael Peuti					
					Membership Michael Hope			Regional Leads		
Committee Leads	Executive Advisory Council Ross Ridenoure	Recruiting & Retention Sushank Saha	PD Committee Adam Borcz	Outreach Communication Caroline Faxon	Awards Phil Benavides	Fundraising Stephen Odell	RL-Atlantic: Muhammad Fahmy	RL-Canada Chris Waugh		Bylaws & Rules Brent Williams
	Intersociety Relations Elizabeth McAndrew	Benchmarking Committee Michael Tronosy	Webinar Committee Brad Tyers	Student Education Natalie Zaczek		Felix Melissner	RL-Carolinas: Ryan Boyle			Sustainability Anne Shatara-West
				Conservation Committee Jessica Joyner			RL-Midwest Sean Tanton			Knowledge Transfer Ibrahim Mohammad
				Government Outreach Abdul-Karim Barrie			RL-Northeast Elizabeth Haupin			Kristin Whiteside
							RL-Southeast Chris Hearn			
							RL-West Virginia Cleary			

Any member interested in a vacant position or would like to volunteer on an existing committee, may contact the NA-YGN Core or Committee Lead for more information!

Local Chapter Leads: **85** Total (as of September 2010)

Active Members: **2500** Total (as of September 2010)



Our Members

- It's free to join! www.na-ygn.org
- Voting Members are less than 36 years old or worked 10 years or less in the nuclear industry
- BUT, **everyone** who supports our mission is welcome to join!

7000+ Members

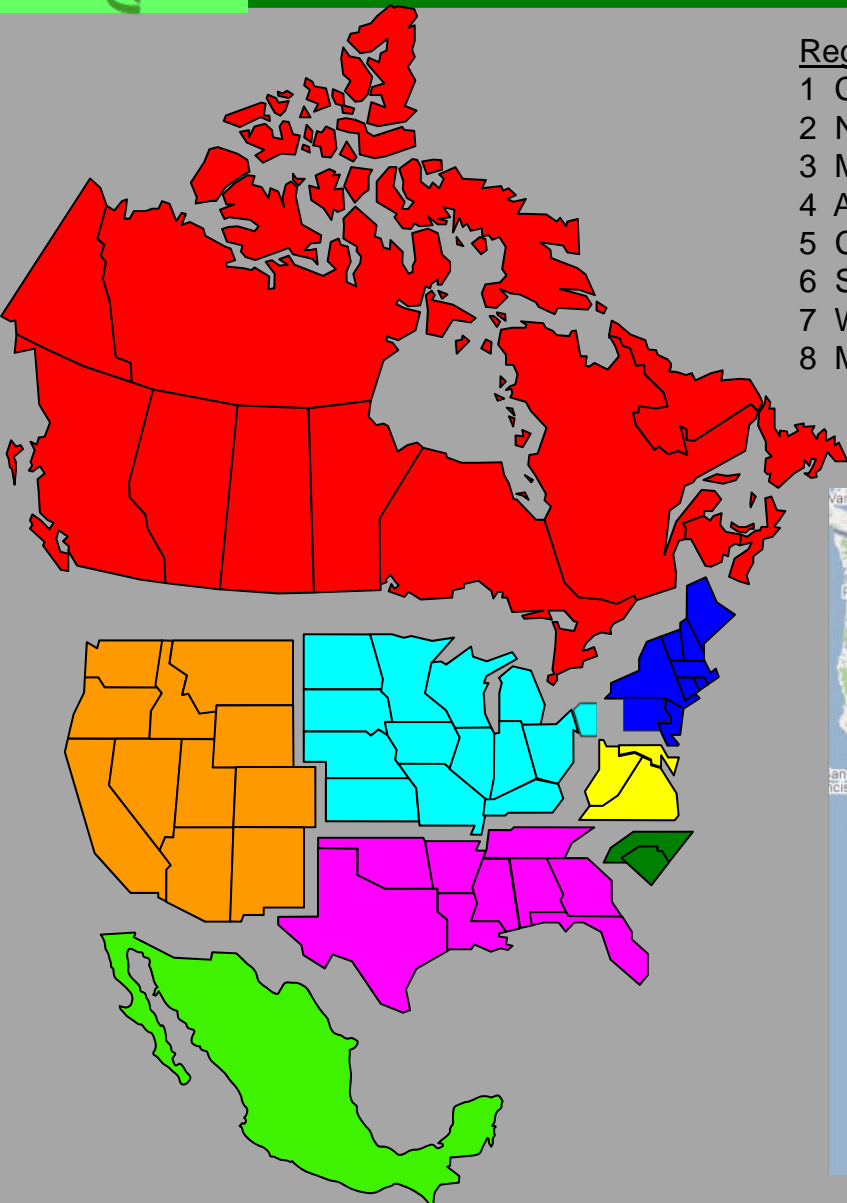
84,202 Hours

2010 Results: 55,376 PD hours, 28,826 PI hours

- How does NA-YGN complete so many hours?



Regions



- Region
- 1 Canada (CAN) ■
 - 2 North East (NE) ■
 - 3 Midwest (MW) ■
 - 4 Atlantic (A) ■
 - 5 Carolinas (C) ■
 - 6 South (S) ■
 - 7 West (W) ■
 - 8 Mexico (MEX) ■

89 Local Chapters
over
8 Regions





Local Chapters

What is a local chapter?

- A group of members who...
 - Organize local events
 - Reach out to their communities
 - Provide professional development opportunities to their members

89 Local Chapters



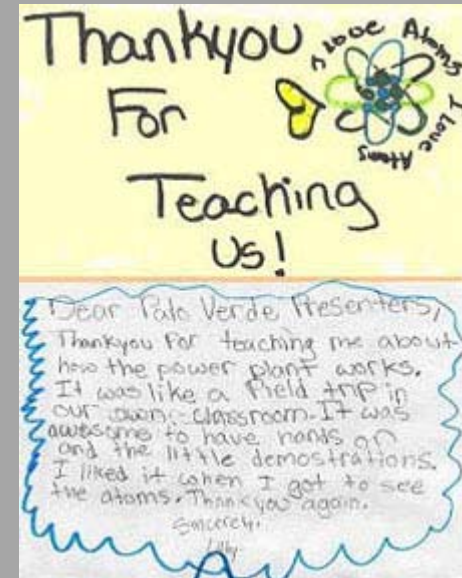


Success Stories APS Chapter



Honored with Chapter Achievement Award in 2008 with more than 4000 hours of service (professional development, outreach and team building)

- Help Boy/Girl Scouts with energy-related Merit Badges
- Give Nuclear presentations to elementary and high school students
- Work career fairs
- Climb to Conquer Cancer
- YGN team for APS softball tournament





Benefits of YGN

Community Involvement



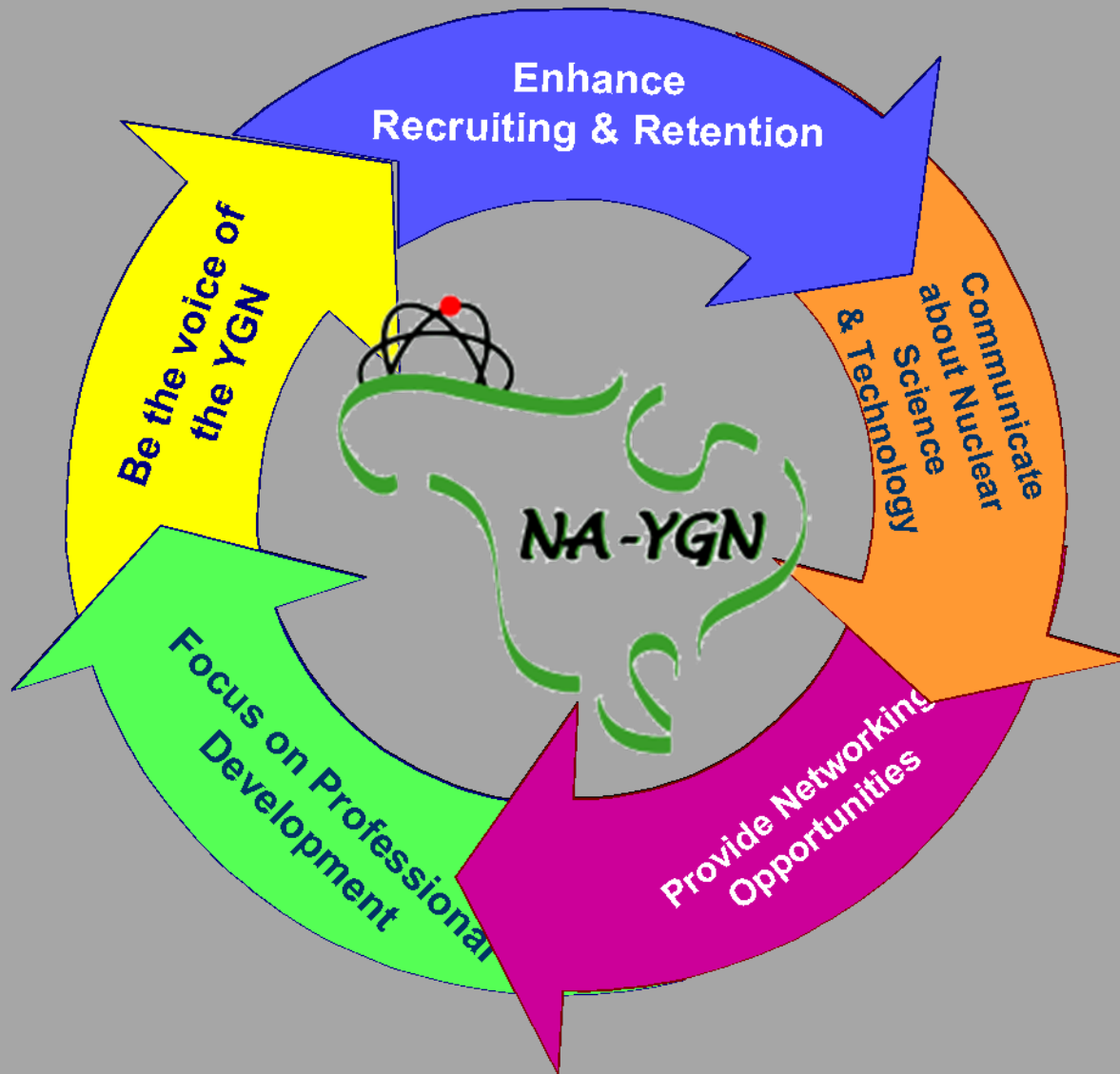
Interaction with Senior Leadership



Fun!



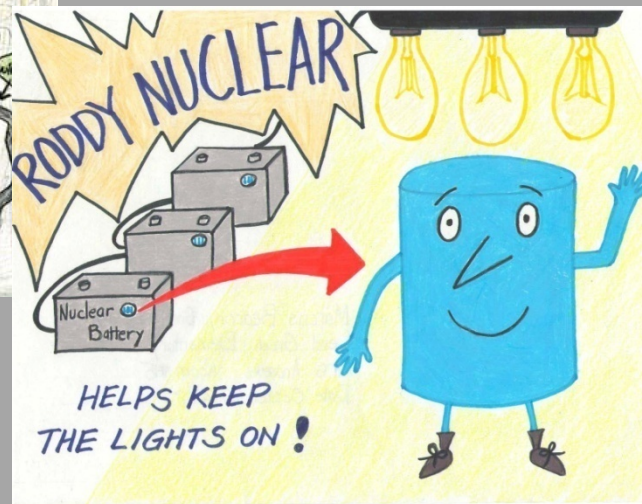
Our Objectives





Success Stories Communicating NS&T

- NA-YGN Attendance at Public Meetings all over the USA
 - Blue Ribbon Commission Statements
- Annual Drawing Contest with 4th and 5th Graders





Success Stories

Focus on Professional Development

Annual Professional Development Conferences



- Annual NA-YGN PD Conference – in conjunction with the Nuclear Energy Assembly.
- Canadian Nuclear Society Annual Conference – NA-YGN specific sessions.

➤ American Nuclear Society Annual Conference – Bi-Annual co-sponsorship of Young Members Group Session and Annual NA-YGN specific sessions.

➤ International Youth in Nuclear Congress – sponsored the 2004 meeting in Toronto and won the bid to host in 2012 in Charlotte, NC





IYNC 2012

What to Expect

NA-YGN is proud to host the
International Youth
Nuclear Congress 2012
August 5-11, 2012 in Charlotte, NC



Strategic Planning: Opportunity for Innovative Growth



Charlotte Westin





IYNC 2012

What to Expect

	5-Aug	6-Aug	7-Aug	8-Aug	9-Aug	10-Aug	11-Aug
700	Arrival and Registration						Optional or Cultural Event
800		Keynote Address	IYNC Technical Sessions	IYNC Technical Sessions	IYNC Technical Sessions	Technical including Lunch	
900		Plenary Session					
1000							
1100							
1200	Optional IYNC Games	Lunch with Speaker	Lunch	Lunch	Lunch		
1300		IYNC Technical Sessions	IYNC Technical Sessions	IYNC Technical Sessions	Plenary & Awards Session		
1400							
1500							
1600							
1700		Free Time	IYNC Committee Meeting	Farewell Dinner			
1800	Cultural Event	Cultural Event					
1900	Welcome Reception			Free Time	Free Time	Free Time following	
2000							
2100		Free Time	Free Time	Free Time	Free Time		
2200	Free Time						
2300							

Draft Schedule, Subject to Change





IYNC 2012

What to Expect

1st Call for Papers is expected to be announced June 1, 2011 and the following Technical Tracks are being considered:

- Track 1 Plant Design, Construction, Operation and Maintenance
 - 1.1 Design
 - 1.2 Construction
 - 1.3 Operation
 - 1.4 Maintenance
- Track 2 Thermal Hydraulics
- Track 3 Core design, simulation and modeling
- Track 4 Nuclear Materials, Chemistry and Structural Integrity
- Track 5 Advanced and Innovative Nuclear Systems
- Track 6 Fusion Science and Technology
- Track 7 Reactor Safety and Human Factors
- Track 8 Radiation Science and Medical Applications
- Track 9 Policies, Safeguards, Economics and HR in Nuclear
- Track 10 Young Generation Activities
- Track 11 Strategic Planning





IYNC 2012

What to Expect

Technical Tour Options expected to include:

- Nuclear Power Plants
- Fuel Fabrication Facility
- Nuclear Medicine Facilities
- Nuclear Research Centers



Special Events currently Planned:

- NASCAR Hall of Fame
- Baseball game
- The Mint Museum

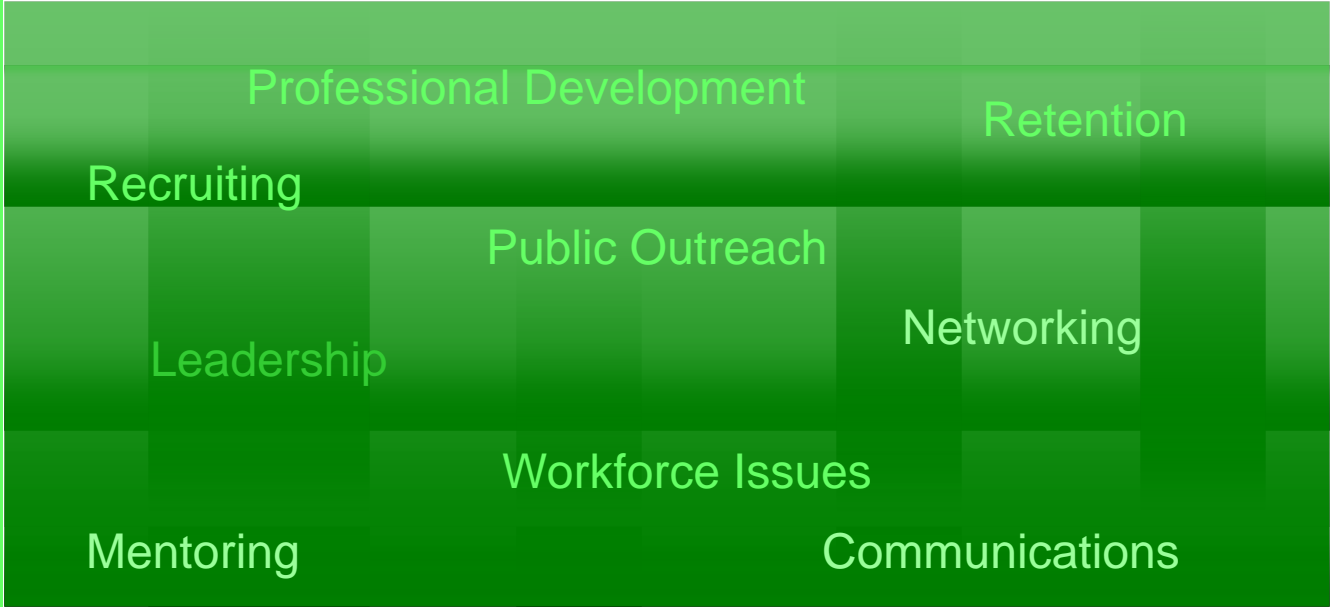




Contact Information

NA-YGN Website

www.na-ygn.org



Questions?