

2014 NAYGN Core Elections

Candidate Profiles

Vice President Nominees:

Robert (“Bobby”) Ashworth

Andrew Siwy

Sandra Stewart



Bobby Ashworth

Biography

Robert (“Bobby”) Ashworth is an engineer within the Power Group of MPR Associates, Inc. Bobby’s work experience covers a variety of technical areas for nuclear power plants including: fracture mechanics, licensing, commercial grade dedication, structural and vibration analyses, and seismic design and qualification of equipment.

Bobby graduated Cum Laude from Virginia Tech in 2006 with a B.S. in Mechanical Engineering and minor in mathematics. He completed his M.S. in Mechanical Engineering from North Carolina State University in 2012. He has co-op experience with AREVA N.P. and ExxonMobil Chemical. Bobby currently is a father of three children.

Vision Statement

Young professionals working in the fields of nuclear science and technology will face a wide range of technical, political, and communication challenges throughout their careers. Maintaining a workforce of skilled professionals is critical to sustaining existing nuclear industries as well as ensuring the continued research and development of nuclear science and technology for future generations.

If elected as Vice President, I plan to strengthen the communication tools necessary for NAYGN members and chapters to improve their recruiting and retention of members.

NAYGN History Statement

Bobby began his involvement with NAYGN in 2004 during co-op assignment with AREVA NP in Lynchburg, VA and has been very active with NAYGN over the past five years. Some of Bobby’s major accomplishments and leadership positions with NAYGN include:

- MPR Chapter Lead from 2008 to 2010.
- NAYGN Public Information and Outreach Committee from 2010 to 2012.
- Conference Planning Committee for the 2012 NAYGN and IYNC Conference in Charlotte, N.C.
- Atlantic Regional Lead from 2010 to 2012.
- Professional Development Chair and NAYGN Board Member from 2012 to Present.



Andrew Siwy

Biography

A native Pennsylvanian, it was only natural for Andrew to attend Penn State in order to obtain his B.S. and a M.S. in nuclear engineering. He started working in Safety Analysis at Duke Energy's Charlotte office, but has been working as a Systems Engineer at Catawba Nuclear Station for the past 1.5 years. Andrew is currently a member of the Professional Engineering Exam Committee and the Treasurer for the Young Members Group of ANS.

Vision Statement

As VP, I would like to get more in touch with your chapter and your needs and work with you to strengthen and support your chapter. Then, as President, I would reach out to you further by asking your chapter more candidly how you would want the National Core to support you. Instead of having your chapter meet the needs of the Core, the Core would meet the needs of your chapter. Finally, as Past President, I would continue to champion this vision while embracing the vision of the new President. The Core is here to serve you!

NAYGN History Statement

Andrew began his NAYGN career as a site leader for Duke Energy in Charlotte, while working with the National PI and PD committees. Next, he became fleet leader of Duke Energy and led the efforts to integrate the legacy Duke chapter and legacy Progress chapter NAYGNs. Upon combing these chapters and reaching his goal of giving the power of the organization back to the sites, Andrew stepped up to become Regional Lead for the Carolinas. The Carolinas recently had a successful string of "localized" regional events in order to increase member participation and chapter interaction. Thank you for voting!



Sandra Stewart

Biography

I began my nuclear career when I was selected for a student program offered at Comanche Peak. During the program, I worked in various departments, learning about the different aspects of nuclear power and working on my associate's degree. I completed the program in 2004 and accepted a position in the environmental department as a field technician. After 7 years and obtaining a B.S. in Software Engineering, I joined the Corrective Actions group to be the Station Trend Coordinator.

Vision Statement

NAYGN is a key component for the long term success and vitality of our industry. I would like to continue with the development of local chapters in order provide our membership with the tools for professional development, to promote their industry with confidence, and to provide a support system during these uncertain times. Most importantly, I want to empower members to help their respective companies to develop and facilitate the Knowledge Transfer process.

NAYGN History Statement

My NAYGN experiences have been a major influence in my support of, and desire to work in, the commercial nuclear industry. I joined NAYGN in 2007, attending my first conference in 2009. I became actively involved

with my local chapter afterwards. Previously, I served as the chapter lead for almost 3 years, revitalizing CPYGN and increasing participation in the Core organization. In addition to local participation, I am currently the Southeast Regional lead and the Knowledge Transfer and Retention committee lead. I was previously the Membership Chair and also served on the Chapter Health and Diversity committee.

Professional Development Chair Nominees:

Abbey Donahue
Alexandra Vazquez



Abbey Donahue

Biography

Abbey Donahue is an engineer with AREVA TN in Columbia, MD. Abbey started her career in the front end of the fuel cycle performing PWR and BWR core design. In 2011, she joined the back end of the fuel cycle working with transportation and used fuel storage systems. Abbey graduated from Purdue with a B.S. in Nuclear Engineering and minor in Mechanical. In 2014, she will receive an M.S. in Nuclear Engineering from Tennessee-Knoxville.

Vision Statement

With more than 10,000 members across 100+ local chapters, it is paramount for NAYGN to provide professional development opportunities to prepare members for leadership in the nuclear industry. To support the current strategic plan, Abbey is committed to providing diversified, relevant, high quality programs at the annual conference and regional workshops. In addition to continuing the excellence that has made NAYGN an industry-wide success, it will also be important to explore new and innovative ways bring growth opportunities to members. By strengthening relationships with other industry organizations and professional societies, NAYGN can lead the way in development and knowledge transfer.

NAYGN History Statement

In her multiple relocations with AREVA, Abbey served the local chapters in Lynchburg, VA and Richland, WA as the College Relations Chair and New Member Development Chair, respectively. Upon her move to Maryland, Abbey chartered the NAYGN Chapter at AREVA TN which became the 99th local chapter in May 2012 and served as Chair during the first year. In 2013, Abbey served as the lead for the Special Programs Committee for the NAYGN Annual Workshop and Conference. With the support of a talented team, the Committee planned the Washington D.C. scavenger hunt, Hill Day webinar and Hill Day events.



Alexandra Vazquez

Biography

After graduating from the University of Central Florida in 2008 with a B.S. in Mechanical Engineering, I moved to Citrus County, FL for a position with Progress Energy. I am currently a Primary Systems Senior Engineer at the Harris Nuclear Plant. My experience includes failure modes analysis, system performance monitoring and trending, preventive maintenance, root cause analysis, operability evaluations, nonconforming condition evaluations, vibration analysis, reportability evaluations, and technical support to the plant.

Vision Statement

As the Professional Development Chair I want to lead our team to create a vital environment for this generation of young nuclear professionals through workshops, seminars, conferences and more. As a team I hope to capture the needs of our members and express them through these Professional Development opportunities. Ensuring that each member leaves with a piece of development through each opportunity will be one of my main goals. We will empower this generation to reach out to the community and assist in invaluable nuclear discussions locally, nationally and internationally.

NAYGN History Statement

My NAYGN journey began in 2009 when I was elected VP of my chapter. I coordinated meetings, events, intern activities, Engineers Week and more. I became President in 2010 and participated in the Progress Energy Fleet Steering Committee. That year our chapter completed 55 different events! In 2011 and 2012, I was the Past President and mentored the Chapter officers. I then became involved with the National NAYGN PD Committee. I facilitated a session in the 2013 Conference Leadership track and Special Programs. Recently, I lead the "Develop Yourself For Career Success" Webinars and am facilitating in the 2014 Conference.

Canadian Affairs Chair Nominee:

Rahim Lakhani



Rahim Lakhani

Biography

Rahim Lakhani works for AMEC Nuclear Safety Solutions (<http://www.amec.com/>) as an Associate Analyst. He is a graduate of Hons. Mechanical Engineering Program (Management Sciences Minor) from University of Waterloo. He sits on the Canadian Nuclear Society's Extended Council to advocate for Youth in the nuclear industry. His undergraduate research includes Supercritical Water Reactors (Gen-IV) and Formula SAE Cars.

Vision Statement

Rahim aims to put Canada and its 7 chapters back on the NAYGN map and advocate NAYGN issues to various utilities and supply chains within the Canadian Nuclear Industry. His recent accomplishment was to successfully put NAYGN as a voting member on Canada's 25 Year Nuclear Strategy as proposed by Canadian Nuclear Association and Atomic Energy of Canada Ltd. His ongoing efforts are to sign partnerships with Organization of Canadian Nuclear Industries (OCI), Women in Nuclear (WiN), Power Workers Union (PWU) and The Society of Energy Professionals to bring about leadership and professional development to a level that has never been seen in the energy industry.

NAYGN History Statement

Recently, Rahim and his team organized the annual Professional Development Conference with the help of Canadian Nuclear Society. In this, they raised money for the entire event (approximately \$7000) instead of spending the regional funds. Conference report is available on www.naygn.org. Rahim has organized events such as lunch and learns, food drives, baseball games, movie nights etc.

Treasurer Nominees:

Steve Ward

Tae Wook Ahn



Steve Ward

Biography

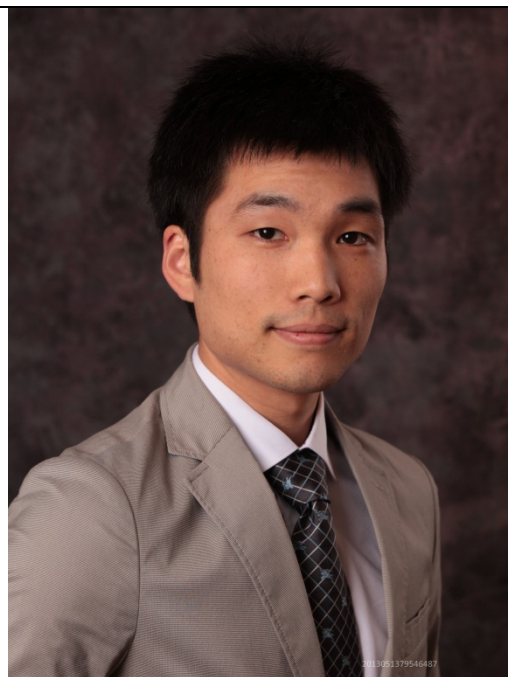
Steve spent 5 years with the U.S. Nuclear Regulatory Commission (NRC) and a year with Entergy Operations, Inc. at Grand Gulf Nuclear Station before moving to University of Michigan to get a PhD in Nuclear Engineering. Steve's work has spanned licensing, nonproliferation, safeguards, security, and material control and accounting. He enjoys travelling the world to work with foreign colleagues to ensure their nuclear materials are safe and secure.

Vision Statement

Steve looks forward to reconnecting with his prior life in accounting if elected to serve as NAYGN Treasurer. He hopes to leverage his professional connections to bring in new donors and to work with the other NAYGN leaders to ensure NAYGN remains a top priority amongst industry executives. Steve would love to open new mediums for bringing in additional funds to support NAYGN activities.

NAYGN History Statement

Steve was one of the most involved people in planning the 2013 NAYGN Professional Development Conference. In addition to organizing 4 conference sessions, Steve used his extensive connections to help many other committee members find speakers for their sessions. Steve led one technical track and one workshop during the 2012 NAYGN/IYNC Conference. He is always excited to see his friends get involved in NAYGN.



Tae Wook Ahn

Biography

Tae is a nuclear engineer at Constellation Energy Nuclear Group in Lycoming, NY. His responsibilities include work in reactor core design, reload design process, and engineering calculations. Tae also has research experience on nuclear fuel cycle and economics. He also did internships in Colombia, Panama, and Argentina.

Tae graduated from University of Wisconsin – Madison with a B.S. and M.S. in Nuclear Engineering and Columbia University with an M.S. in Engineering Management – Risk & Revenue Management.

Vision Statement

Work closely with other core NAYGN members to safeguard the organization's finances by maintaining the official NAYGN Bank Account, managing the NAYGN annual budget, managing the sponsorship committee, overseeing the promotional items chair, working with accountant to file taxes and non-profit forms, and managing the annual audit.

NAYGN History Statement

Tae is currently a Technical Track Manager for the International Youth Nuclear Congress (IYNC) to support the 2014 conference in Burgos, Spain. He is also the Professional Development Chair of Developing Nuclear Professional (DNP) at the Nine Mile Point Station (2012 – 2013). In May 2013, he received a 2012 NAYGN Future Award for development of the Higher Education Outreach program. In August 2012, he presented "Revenue Management through Alternate Operation Strategy at Nine Mile Point Unit 2" at the IYNC2012 in Charlotte, NC USA.

