



In This Issue

The ANS Winter Meeting in Washington DC is next week! This issue has more information about the meeting and some events Young Members will be interested in on page 3, be sure to check it out! Also, if you haven't registered already, [registration for the ANS Winter Meeting is still open!](#)

Find out how you can get involved in nuclear policy through the ANS Public Policy Committee on page 2.

Learn about the 2017 Young Professionals Congress, hosted by ANS YMG and NAYGN on page 4.

Lastly, if you'd like to write up an article for the YMG Newsletter, please contact the YMG Secretary, Jitesh Kuntawala (jkuntawala@gmail.com). Some possible topics:

- a summary of what your Division does, why it's exciting, and how to get involved,
- your work or current research, and why it's important,
- an upcoming event or meeting that Young Members would be interested in,
- another topic that you think is important related to YMG, ANS, or nuclear in general.

We look forward to your submissions!

Message from the Chair

Piyush Sabharwall, YMG Chair

Dear YMG Members,

2017 has been a challenging year for many nuclear professionals, Westinghouse bankruptcy declaration and cost overruns from project management challenges finally leading to a stop work at the South Carolina construction site. In spite of these setbacks, nuclear professionals continue to do their part; ensuring safe operations of the current fleet, educating and training younger professionals and students, communicating the nuclear message to the

masses, and supporting clean energy goals for years to come by performing the needed research and development for the next generation of nuclear reactors.

For the past few years, as an executive committee member for YMG, I've seen several additions of younger professionals in the group and their eagerness to take on leadership roles and responsibilities. Integrating new people with experienced YMG leaders has invigorated the Division and generated new ideas. As a community, we all have significantly benefited. For the past few years, YMG has been focused on areas including economics, communication, and policy. YMG has also provided support for design competitions with other ANS divisions. These dedicated efforts have enabled us to establish strong programs at ANS conferences.

At the conclusion of the last ANS Annual Meeting in San Francisco, I had the honor and privilege of becoming the YMG division chair. Looking at the membership of the division, the numbers have steadily grown; we currently have 3061 members. This steady increase, as well as the increased number of sessions at the conferences, is due to the hard work, dedication, and planning of previous leaders who have enabled the YMG to be technically strong and motivated, and also kept the organization financially healthy. The following figure shows the steady increase in YMG memberships.

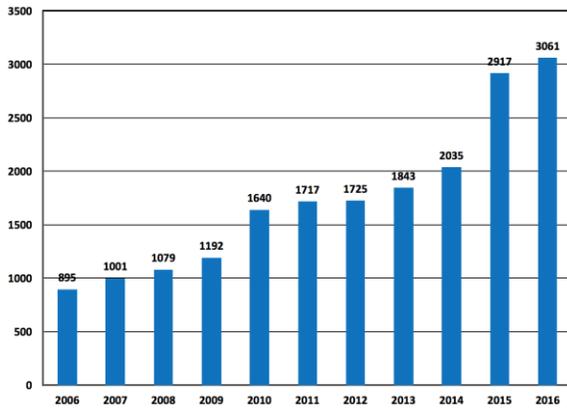


Figure. 1: Young Member Group Annual Membership

Many a time, new leaders have stepped up and done exceptionally well transitioning into their roles. I am so glad to be part of such a committed group. A few of the recent efforts include organizing and sponsoring webinars in the areas of interest to our members and keeping the group informed of ongoing activities in the nuclear field by having a dedicated social media group assist with the outreach efforts.

Most of you are aware of the upcoming 2017 Young Professional Congress Meeting, which is held every two years. This year the meeting includes panels in areas such as policy, economics, regulatory roles and interfaces, and nuclear advocacy and effective communication. This is a great venue to learn, share experiences, and get to know other young professionals. I would highly encourage you to attend the YPC meeting and the panels that we will be having at the ANS Winter Meeting. This year, we have 20 sessions that have been organized or co-organized by YMG. The YMG Program Committee will be meeting on Monday, October 30th at 11:00 a.m. This is a great chance to meet the YMG leadership and serving officers and get involved.

I would like to convey my special thanks to the current serving officers and express my appreciation for the support of past leadership. In order to make YPC a

success, Brett Rampal (general chair), Jitesh Kuntawala (co-program chair), and Catherine Perego (co-program chair) have put in the extra effort and time to enable the YPC success. On behalf of YMG, I would sincerely like to thank them for all their efforts and convey my appreciation for their continued involvement. I look forward to working with the executive committee members and officers and learning from the past leaders, which will enable me to serve the division better.

This newsletter is one means to facilitate communications within our division. If you are interested in serving the division in any capacity and want to be more involved with YMG efforts and activities, I encourage you to contact me or another division officer. The leadership of YMG continues to look for ways to better serve the members and community. I welcome your feedback on possible areas for improvement and also ways in which we can better help young professionals in their development. I look forward to meeting everyone at the 2017 ANS Winter Meeting in Washington D.C.

Regards,

Piyush Sabharwall
Idaho National Laboratory
Piyush.Sabharwall@inl.gov
2017–2018 YMG Chair
American Nuclear Society

Getting Involved in Nuclear Policy

Nicholas Thompson, YMG Vice Chair

One of my favorite Committees in ANS is the Public Policy Committee. The Public Policy Committee, or PPC, works with all of the other Divisions (Reactor Physics, Fuel Cycle & Waste Management, Nuclear Nonproliferation, etc.) to create position statements on all the big issues the nuclear community cares



about, like [“Small Modular Reactors”](#) and [“Nuclear Fuel Recycling”](#). [All of the Position Statements can be found here](#). These position statements are useful, because when an ANS member meets with a Senator or Representative on a particular nuclear issue, that ANS member can say ‘this is the opinion of ANS’.

You might not know it, but as an ANS member, you can get involved in helping craft and change these position statements. The Public Policy Committee is always looking for more people to help and get involved – even if you can’t always make the National Meetings. I definitely encourage everyone to look through the position statements and find the ones you’re interested in. If you don’t agree with something you find, or think there should be a new statement on a topic that isn’t covered, let the PPC know! You can email me directly (thompn4@gmail.com), or email the current chair of the committee, Steve Nesbit.

I personally believe it is very important for Young Members to get involved in policy; policy will be vital to the future of the nuclear energy industry and it’s also important that Young Members put forward their perspectives. These position statements are meant to represent the opinion of the membership of ANS, and Young Members are a significant portion of ANS’s membership.

If you are going to the ANS Winter meeting and are interesting in policy, come to the Public Policy Committee meeting – it’ll be Wednesday at 11:30 am in Waterfront A. See you there!

ANS Winter Meeting Events of Interest

2017 Young Professionals Congress
Saturday, October 28
7:30 am – 6:00 pm

Young Members Group
Program, Monday, 11:00 am - 12:00 pm
Executive, Monday, 12:30 am - 1:30 pm

President's Special Session

Understanding Energy Markets: How they work, why they’re broken, and what ANS Members can do to ensure they’re fixed.”

Monday, 4:30 pm - 6:40 pm

Perspectives on Diversity in the Nuclear Industry - Panel

Monday, 1:00 pm - 4:15 pm

Dwight D. Eisenhower Award Special Session: Nuclear Nonproliferation Policy - Panel

Monday, 3:05 pm - 4:15 pm

Nexus Between Ethics and Nuclear Safety Culture - Panel

Monday, 1:00 pm - 4:15 pm

Critical and Subcritical Experiments

Tuesday, 8:00 am - 11:15 am

Is a Start-up Right for You? - Panel

Tuesday, 8:00 am - 9:20 am

Existing Nuclear as a Bridge to Advanced Nuclear - Panel

Tuesday, 9:35 am - 11:40 am

Perspectives on the ANS Congressional Fellowship - Panel

Tuesday, 1:00 pm - 2:45 pm

Potent Policies: Understanding ANS Position Papers - Panel

Tuesday, 3:05 pm - 4:15 pm

The Importance of ANS Standards – Panel

Wednesday, 8:00 am – 9:20 am

Nuclear’s Role in Climate Change – Panel

Wednesday, 9:40 am – 11:40 am

Advanced/Gen IV Reactors – I/II

Wednesday, 8:00 am – 11:15 am



Advocacy and Communication: A Clean Energy Discussion – Panel

Wednesday, 1:00 pm – 2:45 pm

Nuclear Policy 101 – Panel

Wednesday, 3:05 pm – 4:15 pm

Young Professional Thermal-Hydraulic Research Competition

Wednesday, 1:00 pm – 4:15 pm

2017 Young Professionals Congress

Brett Rampal, YPC General Chair, YMG Past Chair
Jitesh Kuntawala, YPC Co-Program Chair, YMG Secretary

The Young Professionals Congress (YPC), the only joint American Nuclear Society (ANS) and North American Young Generation in Nuclear (NAYGN) meeting held anywhere, is a once every two years event held in Washington D.C. in conjunction with the ANS Winter Meeting. For both of us, 2015 was our first opportunity to attend a YPC and after first hearing about it, we both immediately recognized the value and importance of the meeting. As attendees and planners for 2015 and 2017, we are eager to share some of the great content associated with YPC 2017 and encourage you to attend. Remember, while YPC is a young professionals-run event, geared toward those early in their careers, there is plenty of content for the established professional to gain from attending.

Taking place all day on Saturday, October 28, YPC offers a one-stop shop for all things nuclear-related, ranging from communication and advocacy to advanced reactors and nuclear economics. The aim is for attendees to come away with a better overall understanding of what can sometimes seem like different components of the nuclear landscape as well as what factors can influence them. Additionally, the vast majority of the YPC speakers will be the peers of the audience or industry professionals that have

achieved success in areas of the nuclear landscape. This will allow for interactive small-setting discussions and the opportunity to receive candid advice.

YPC will open with a keynote address by John Kotek, Vice President for Policy Development and Public Affairs at the Nuclear Energy Institute (NEI) and former Principal Deputy Assistant Secretary for the Department of Energy Office of Nuclear Energy (DOE), followed by in-depth discussions on the challenges associated with the politics and economics of the nuclear world. Subsequently, attendees will participate in the engagement luncheon, a first of its kind for YPC, where sponsors and representatives of ANS Divisions engage and network directly with attendees. This will allow them the chance to explain what their respective organizations are involved in and how an attendee might find a home therein. After lunch, the YPC breakout sessions begin. Attendees have the opportunity to pick what might be of most import and value to attend. The first set of three breakout sessions are geared around the three main facets of the American nuclear landscape: industry, national laboratory complex, and academia.



The second set of three breakout sessions feature more in-depth technical topics such as advanced reactors, the roles of regulatory organizations, and a session called the cacophony of codes. This will showcase the different applications and niches that certain analysis software packages hold in the nuclear world. The final set of breakout sessions touch on some softer, but still very important topics, such as nuclear advocacy, effective communications,



and how to achieve success with a professional society. After the action-packed day, all attendees will return together for a closing keynote address by ANS President, Bob Coward. YPC attendees will then be invited to a special social event, hosted by Third Way, featuring a very exciting surprise creative display, something not to be missed!!!

As the Program and General Chair for YPC, we couldn't be more excited for this year's event and hope that you are excited as well. If you're interested in more details, please check the [Facebook Event](#), [The YPC Website](#), or [The ANS Winter Meeting Website](#) or feel free to message the [General Chair](#). We very much look forward to seeing you at YPC in October!!

ANS Members Invited to Speakers Bureau Workshop



Tuesday, October 31st from 6:30 pm – 8:30 pm

All ANS members and Speakers Bureau members are invited to attend the Speakers Bureau workshop at the Annual Meeting. You don't have to be an existing Bureau member to attend. We will provide you with information about what is involved in being part of the Bureau. We will also review ANS messaging, outreach plans for the year ahead, and have exercises demonstrating how to frame your own presentations for various audiences.

This is a great opportunity for you to learn more about the Speakers Bureau before applying to join the group. Current Bureau members are also encouraged to attend to receive communications updates and additional training. Light appetizers and soft drinks will be served.

R.S.V.P. to tmarc@ans.org to reserve your spot.

YMG Best Technical Presentation Award

Nicholas Thompson, YMG Vice Chair & Honors and Awards Committee Chair

For the past few years, the YMG has awarded one ANS member with the Young Member Group Best Technical Presentation Award. Anyone who is a Young Member and will be giving a technical presentation at the meeting is eligible for the award. At the start of your session, let the Session Chair know that you're a Young Member and you'd like to be evaluated for the award - they should have a form for you to fill out.

Without further ado, the winner of the Young Member Group Best Technical Presentation Award for the 2017 Annual Meeting is **Brendan Wilson!** Congratulations, Brendan!



Please Join us at the following 2017 Winter Meeting Socials!



FRIDAY OCT 27

PRE-CONFERENCE

SOCIAL EVENT

Hosted By NAYGN

appetizers, wine, beer, and soft drinks will be provided



7 PM – 9 PM

**All Attendees of
the 2017 YPC**

RSVP to
Nicholas.w.wilson@
dominionenergy.com

BEACON HOTEL

1615 Rhode Island Ave NW
Washington, DC 20036

Beacon Hotel is ~2 miles
from the conference hotel,
so you may need to take a
taxi or metro



Diversity Social

Tuesday, October 31

5:30 – 8:30 pm

Macintyre's Pub

2621 Connecticut Ave NW, Washington, DC 20852

(one block from ANS Conference)

POC: Harsh S. Desai (704-488-4243) & Kelsey Amundson (920-321-4734)

 **ANS** Young Members Group


NEI
NUCLEAR ENERGY INSTITUTE


NAYGN
NORTH AMERICAN YOUNG GENERATION IN NUCLEAR

CLEARPATH  U.S. Women in Nuclear®

NC STATE
UNIVERSITY

University of Idaho
Idaho Falls

NUCLEAR
MATTERS





Please Join us for this incredible session at the upcoming 2018 Annual Meeting!



JOIN US FOR THE
OPD ALL ENERGY FORUM
AT THE 2018 ANS ANNUAL MEETING

This session will provide a unique opportunity to see, perhaps for the first time, an apples-to-apples comparison featuring all major forms of electric generation including fossil, gas, hydro, wind, solar and nuclear power. In order to achieve valid comparisons and insights, a uniform speaking agenda and comparative metrics are utilized. An official industry representative or a knowledgeable expert from the academic community will address each aspect of the program.

Climate Change Keynote provided by Dr. Richard Somerville, Scripps Institution of Oceanography, University of California, San Diego
<http://richardsonomerville.com>



ANS

First time ever!

Hear from Trade Associations and World Class Experts

Organizers/Session Chairs:
Piyush Sabharwall
Vince Gilbert

Climate Change,
Electricity
Generation and the
Grid: What is the
Right Energy Mix?

**OPERATIONS AND POWER
DIVISION**

YOUNG MEMBERS GROUP