



AMERICAN
NUCLEAR
SOCIETY:
YOUNG
MEMBERS
GROUP

YMG Newsletter

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MESSAGE FROM THE CHAIR

The ANS Young Members Group (YMG) was established in 2005 to encourage and enable all young professional members to be actively involved in the efforts and endeavors of the Society at all levels of leadership and participation, as they transition from the role of a student to the role of a professional. The YMG accomplishes this by sponsoring non-technical workshops, meetings, and panel sessions that provide professional development; collaborating with other Divisions and Groups in developing technical and non-technical content for topical and national meetings; encouraging its members to participate in the activities of the Groups and Divisions that are closely related to their professional interest as well as in their local sections; introducing young members to the rules and governance structure of the Society; and nominating young professionals for awards and leadership opportunities available to members.

The YMG is making great progress, in partnership with the North American-Young Generation in Nuclear, on the 2009 Young Professionals' Congress (YPC), which will be an embed-

ded topical at the ANS winter meeting. Thank you to those who have already volunteered to help with this extraordinary effort. The Planning Committee still needs volunteers to ensure that our first embedded topical is a success! In particular, the Planning Committee will need volunteers to review submitted papers (submittal deadline was May 29, 2009). I strongly encourage all YMG members who are interested in volunteering to contact either myself or either of the general co-chairs (see article on p. 3). The YPC presents a fantastic opportunity for young members to gain leadership experience, as well as providing an exciting forum for knowledge transfer and professional development.

Last November, YMG had the opportunity to give a presentation to the ANS Board of Directors (BoD). As you may already know, ANS Divisions report to the BoD every two years, to update the BoD on things such as budget, membership trends, liaisons, technical meeting activities, and metrics and measures. In particular, I highlighted that YMG has liaisons with almost all of the technical divisions and working groups. I was pleased to report that our membership, as well as our budget, is growing. Addi-

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Meet Your Elected Members

Chair

George Tsakanikas

Vice Chair / Chair Elect

Peter Caracappa

Secretary

Shannon Bragg-Sitton

Treasurer

Darby S. Kimball

Executive Committee

Existing Members

Meghan Goldman

Nichole Ellis

Lauren Killian

Jesse Klingensmith

Eric Young

Staff Liaison

Sharon Kerrick

New Members

Jennifer Butler

Ben Holtzman

Judith Williams

Ex Officio

Donald Hoffman

Shana Helton (Current Chair)

MESSAGE FROM THE CHAIR

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tionally, I shared with the BoD YMG's three main goals outlined in our 2008-2012 Strategic Plan:

- encourage students to remain members following graduation
- increase young member involvement in all areas of ANS
- support society meetings through YMG sponsored and co-sponsored sessions

Further, I briefed the board on YMG's areas of success, which included approving bylaws and rules, establishing standing committees, strong relationships with NA-YGN and the IYNC (International Youth Nuclear Congress), and the 2nd Young Professionals Congress that

was held in Winter 2007. Lastly, I gave the board an overview of YMG's focus for future action, which includes improving retention of graduating student members and young members; expanding collaboration with divisions, NA-YGN, and IYNC; and this November's planned 3rd Young Professionals Congress.

You can read on p. 3 about all the activities that YMG is involved with at the upcoming ANS Annual Meeting in Atlanta, GA. YMG is co-sponsoring 7 sessions. I encourage all young members to attend co-sponsored sessions.

YMG has truly established itself within the ANS, and is providing valuable services and opportunities to the young members in the society. It is extremely encouraging to see so much activity within YMG, and even

more encouraging to see how well YMG has been collaborating with other organizations both within and without ANS. YMG continues to embrace the challenges facing the nuclear science and technology community and maintains strong ties to external organizations and other divisions and committees within ANS, ensuring a bright future for all young members in nuclear!

Shana R. Helton
2008-2009 YMG
Chair



2009 ANS/NA-YGN YPC

On November 15-19, 2009, instruments of change from across the nation will converge on the ANS Winter Meeting in Washington, DC as the ANS/NA-YGN Young Professionals Congress transforms from a 1 day workshop to a full 4 day embedded topical. The Congress is jointly organized by the Young Members Group of the American Nuclear Society and the North American Young Generation in Nuclear to provide a forum for young professionals from across the nuclear industry to come together to discuss the challenges facing the next generation of nuclear professionals. Within this venue, young professionals have the opportunity to develop non-technical professional skills, network among their peers and explore the roles and functions of industry organizations, such as ANS and NA-YGN.

In addition to the workshop-style professional devel-

opment program that was the cornerstone of prior Congresses, the 2009 YPC will feature 23 contributor led sessions on a wide variety of technical and professional development topics. Extended summaries describing technical work or professional experience in a wide variety of topic areas are now being accepted for presentation in these sessions. Unlike more technically focused topical meetings, submitted summaries need not discuss development of new technical or scientific concepts and may simply be an accounting of personal experience and lessons learned relevant to the session topic. Visit the conference web page at www.ans-ygc.org to view a detailed description of the program, download the call for papers, and review directions for formatting and submitting your summary.

The YPC is held each odd numbered year, and is being organized as a multi-day embedded topical meeting for (the first time in 2009. Don't miss out

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Young Professionals Congress Embedded Call For Papers



2009 Young Professionals Congress

Working Outside of the Box
Understanding Ourselves As Instruments of Change

Washington, DC • Omni Shoreham Hotel • November 15-19, 2009



Deadline Extended
to June 12th!

Important Dates

Call for Papers Issued: February 20, 2009
 Summary Deadline: ~~May 29, 2009~~
 Acceptance Notification: July 24, 2009

CALL FOR PAPERS

About the Meeting

The Young Professionals Congress is jointly organized by the Young Members Group of the American Nuclear Society and the North American Young Generation in Nuclear to provide a forum for young professionals from across the nuclear industry to come together to discuss the challenges facing the next generation of nuclear professionals. Within this venue, young professionals have the opportunity to develop non-technical professional skills, network among their peers and explore the roles and functions of industry organizations, such as ANS and NA-YGN. The YPC is held each odd numbered year, and is being organized as a multi-day embedded topical meeting for the first time in 2009.

Call for Papers

YPC2009 will provide an opportunity for young professionals in all fields of nuclear science and technology to share their technical and non-technical professional experience with their peers through oral presentations, poster sessions, and publication of extended summaries.

Format

Authors are now REQUIRED to use the ANS Template and "Guidelines for TRANSACTIONS Summary Preparation" provided at www.ans-ypc.org. Summaries must be submitted electronically using Adobe Acrobat (PDF) files and original Microsoft Word documents and the ANS Electronic Submission System. Summaries not based on the ANS Template will be REJECTED.

Guidelines for Summaries

Please submit summaries describing work that is NEW and RELEVANT to the nuclear industry. ANS will publish all accepted summaries in the TRANSACTIONS. Papers are presented orally at the meeting, and presenters are expected to register for the meeting. Completed papers may be published elsewhere, but the summaries become the property of ANS. Under no circumstances should a summary or full paper be published in any other publication prior to presentation at the ANS meeting. It is the author's responsibility to protect classified or proprietary information. YPC summaries need not necessarily provide significant new technical content and may simply provide an accounting of personal experience and lessons learned relevant to the session topic.

Length

1. Use at least 450 words, excluding tables and figures.
2. Use no more than 900 words, including tables and figures.
3. Count tables and figures as 150 words each. Use no more than three tables or figures.
4. Limit title to ten words; minimize listing authors.
5. Exclude references from word count.

Page Charge

ANS charges \$100 per final printed page (prorated) in the TRANSACTIONS. Authors should be prepared to provide their purchase order numbers when submitting their summaries electronically.

Upcoming Sessions:

These are the following sessions that the Young Members Group (YMG) is co-sponsoring 7 Technical Sessions at the American Nuclear Society Summer 2009 Meeting:

- Advances in Nuclear Criticality Accident Excursion Analysis, Monday PM
- Integration of Nuclear Criticality Safety into New Facility Design, Tuesday AM
- Data, Analysis, and Operations for Nuclear Criticality Safety – I, Tuesday AM
- Data, Analysis, and Operations for Nuclear Criticality Safety – II, Tuesday PM
- Nuclear Criticality Safety Staff and Operations Interface, Wednesday PM
- Focus on Communications: The Nuclear Story and Other Tales-Panel, Wednesday PM
- Focus on Communications in the New Media-Panel, Wednesday PM

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on this exciting combination of technical, professional development and peer-to-peer networking opportunities, and don't forget that being a part of YPC2009 also means that you'll have full access to the 2009 ANS Winter

Meeting, Technology Expo and 2009 Risk Management Embedded Topical. Submit your 900 word summary and make plans to attend today!

Division Spotlight:

Decommissioning Decontamination and Reutilization (DD&R) Division

The Decommissioning Decontamination and Reutilization (DD&R) Division seeks to promote the development and use of those skills and technologies associated with the optimal management of DD&R, and long term surveillance and maintenance of nuclear - and formerly nuclear - installations, materials, facilities and sites for the betterment of society.

The DD&R Division usually sponsors from two to four technical sessions at each biannual (twice per year) meeting of the ANS. In addition, DD&R organizes and conducts Topical and embedded topical meetings and other focused meetings of interest to the division membership. The DD&R Topical Meetings present a forum for the discussion of the social, regulatory, scientific, and technical aspects of decontamination, decommissioning, and reutilization, and waste management. The most recently completed meeting in this successful series was DD&R 2007 in Chattanooga, Tennessee. The upcoming meeting will be the DD&R 2010 of August 29 – September 2, 2010 in Idaho Falls, Idaho. (<http://ddrtopical2010.org/>) A total of 120 papers and posters are expected and



a tour of the D&D projects on the Department of Energy Idaho National Laboratory will also be available.

The DD&R Division actively maintains a website (<http://ddrd.ans.org/>) which provides Division information such as available scholarships and awards as well as winners of these honors, listings of committees for which one may volunteer, and DD&R officers and their contact information. In addition, the Division also publishes on a semi-regular basis a Newsletter that includes summaries of current projects. This newsletter is available to DD&R members via a password pro-



TECTED portion of the DD&R Division website.

The DD&R Division awards a scholarship annually. The scholarship form is available at the ANS website <http://ans.org> for 2010. The DD&R also strives to recognize and honor accomplishments of colleagues who have made outstanding contributions to the technical field of decommissioning, decontamination and site reutilization. Several awards are available and have been made to recognize these accomplishments.

One of the benefits of joining the DD&R Division is the opportunity to network with leaders in the nuclear community who have extensive experience in the decommissioning technical area.

DD&R is actively seeking young professionals to assist with in all aspects of the DD&R Division. For additional information, please contact John Gunning (gunningie@ornl.gov) or Sue Aggarwal (sagarwal@nmnuclear.com)

Young Member Spotlight: Jesse Klingensmith

Jesse Klingensmith is a Criticality Engineer with AREVA Federal Services in Lynchburg, Virginia. Two projects are currently occupying his time in the office - completion of a core power monitoring methodology Topical Report and characterization of remote-handled waste at INL prior to shipment to WIPP. In addition to being a member

of the executive committee of the YMG, he is involved with the local chapters of ANS and NA-YGN. Prior to joining AREVA in 2006, Jesse earned B.S. degrees in Mechanical and Nuclear Engineering and an M.S. degree in Nuclear Engineering from Penn State.