



Fuel Cycle & Waste Management Division

Fall 2009 Newsletter

Message from the Chair

You may recall from Steve Turner's Newsletter last fall that the Fuel Cycle and Waste Management (FCWM) Division is striving to attract more volunteers and support from the membership in the division activities. Please refer to the Fall 2008 Newsletter at <http://fcwmd.ans.org/docs/newsletter-1108.pdf>.

There are various roles in the nuclear fuel cycle covered by FCWM including mining, enrichment, fuel fabrication, fuel design, reprocessing, storage, geologic repositories, waste processing, waste form testing, advanced fuel cycle evaluations, fissile material management, and national fuel cycle policies. FCWM is also the home division for the Special Committee for Nuclear Nonproliferation covering that rapidly growing area.

This year, we want to continue to expand the volunteer process by opening the process of nominations for the Executive Committee nominees to all members via the invitation in this newsletter. In the past this has been a more "word-of-mouth" process.

For younger members, there are also opportunities to support of our activities. For students, check out the discussion of how you can participate in FCWM activities described in the most recent student newsletter. FCWM provides support for student travel to the national meetings and to the ANS student conferences. Student Registrations for the national meetings do not include the Presidents Reception on Sunday night so we often pay for tickets to the reception so you can enjoy networking. We usually coordinate outlays for the national meetings with your professor or advisor but this is not required. Also, if you are serving as a Student Volunteer at the meeting, this also provides opportunities for you to participate in FCWM meetings and activities. You may contact me directly if you are interested.

I remind all members that you are welcome to attend the FCWM Executive and Program Committee meetings on Sunday at all national meetings. This is a good time to understand the FCWM activities and we even feed you lunch. Check the national meeting programs for the times and locations.

Please keep me informed of any outreach actions or other contributions to the objectives of FCWM.

Terry Todd
FCWM Chair
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Executive Committee

The members of the executive committee for June 2009 to June 2010 are:

Chair: Terry Todd
Vice Chair: Barry B. Spencer
Secretary/Treasurer: Mary Lou Dunzik-Gougar
Program Chair: Paul Wilson

Members:

Guillermo DelCul	Ruth F. Weiner
Alan S. Icenhour	Dominique Greneche
Maryanne E. Stasko	Alan D. Pasternak
Thomas J. Hiron	Jeffery R. Brault

Board Liaison: Dominique Greneche
Ex Officio: Stephen L. Turner

Nominations for Executive Committee

Nominees for the Executive Committee positions are developed in the fall of each year primarily using suggestions from members of the Executive Committee to a Nominating Committee. This year, we are soliciting the membership using this Newsletter as a means to nominate yourself if you wish. Please contact Terry Todd or the Nominating Committee Chair Steve Turner (Stephen.I.turner@saic.com) to add your name or suggest others. Nominees must provide a 100-word biography by October 26 describing their education, experience, and activities in the ANS. The Nominating Committee will use these to make the slate of Nominees for election by the membership in the spring. Typically 6-8 Nominees are included in the slate for the four open positions that is then approved by the Executive Committee at the Winter Meeting.

Members of the Executive Committee are elected for a period of three years and meet two times a year at the



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national meetings and cover the business of the FCWM. FCWM business and actions include organizing national meetings and topical meetings, developing ways to increase membership, overseeing division finances, nominating candidates for various awards, managing the Randall scholarship, developing strategic plans, supporting RadWaste magazine with articles and financing, contributing to other ANS activities (public outreach, etc.), maintaining the website, and mentoring and providing outreach to young members and students. Members of the Executive Committee volunteer for smaller teams to work on the actions required to accomplish the FCWM objectives in these areas.

Executive Committee membership is typically the path to become an FCWM Officer. Usually, the first role in the officer path is the appointment as the Deputy Program Chair. The succession of officers is from Deputy Program Chair to Program Chair to Secretary-Treasurer to Vice Chair to Chair. As you probably noticed in past ballots, the Program Chair, Secretary-Treasurer, Vice Chair, Chair are usually uncontested positions. This has proven as successful succession method to grow experience and enter positions with more and more responsibility. It is a long but rewarding process to serve as an officer of FCWM so contact the Chair if you are interested in division leadership.

GLOBAL 2009

Over 1,100 delegates from 34 countries enjoyed another successful GLOBAL meeting in Paris September 6-11. GLOBAL is the series of international conferences that covers future nuclear energy systems with emphasis on their associated advanced fuel cycles. The conferences focus on new nuclear systems that are in various stages of conceptualization, research and development, demonstration, and early application.



The GLOBAL meetings rotate between the US, Asia, and Europe and is sponsored by the various nuclear energy professional societies and companies throughout the world. Even though the meeting was in Europe various FCWM members served on the organizing and technical committees. Dominique Greneche, the FCWM

Board Liaison, was particularly active as the International Program Committee Chair. Thanks to everyone for their support.

It is not too early to begin personal planning to attend the next GLOBAL in Nagoya, Japan in the Fall of 2011. It is also not too early for local ANS sections to begin considering hosting GLOBAL 2013 in the US. FCWM will begin planning GLOBAL 2013 and select a site in 2010.

GLOBAL 2009 was held concurrently with International Conference on LWR Fuel Performance/Top Fuel meeting that also alternates years between the US, Europe, and Asia. The next LWR Fuel Performance meeting will be September 26- 29 in Orlando, Florida and the call for papers is at http://www.new.ans.org/meetings/calendar/d_9-26-2010.

RANDALL SCHOLARSHIP

The FCWM Division awards the John Randall Scholarship for graduate studies in the areas of science and engineering related to the nuclear fuel cycle and radioactive waste management. John D. Randall was a Professor of Nuclear Engineering at Texas A&M and directed the Nuclear Science Center from 1958-1983. He was an ANS Fellow that received the Society's Exceptional Service Award and was chair of FCWM in 1991-1992.

This year's recipient is Katy Huff, a second year PhD student in Nuclear Engineering working with Paul Wilson at the University of Wisconsin-Madison on the GENIUSv2 fuel cycle simulation project. Katy will join us at the Winter Meeting in November in Washington DC so please congratulate her on the award. At the winter Meeting, we will also select the committee to evaluate the applicants for the 2010 award and if you are interested contact Terry Todd. As a reminder, students with interest in the fuel cycle or waste management Randall Scholarship should apply by February 1, 2010 at <http://www.ans.org/honors/scholarships/>.

