

NCHPS

Spring 2011

The North Carolina Chapter of the Health Physics Society (NCHPS) is a professional organization dedicated to the development, dissemination and application of the scientific knowledge of and practical means for radiation protection.

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A Message From The President By Bill Byrum

I wanted to take this time to reflect on my year as President. I feel as though we have had a challenging yet successful year. Even with all of the negatives in the economy we have managed to have two successful meetings and continue to serve our chapter membership in this capacity. There will always be challenges but, with all of the limits in travel and budget constraints, this year has been especially challenging. The chapter has continued to be successful and able to maintain all of our functions through all of the challenge.



I would be remiss if I didn't thank all of the members of the executive council for all of their support during this past year. As you have heard me say before, it takes all of us to keep the chapter going. There are always opportunities to be involved but not always those willing to take an active role. Many of the executive council members, those appointed not elected, have continued to serve in their roles year after year. These are the folks who keep the chapter going.

Also, as I have continued to do, I want to encourage all members to look for ways to be active in the local chapter. We need to keep the face of the leadership fresh and new. As we heard from Kathy Pryor, the national President -Elect, there have been several chapters that have lost their charters due to inactivity. We have a long history in our chapter, over 45 years, and we need and want to continue to this history.

I sincerely appreciate the opportunity to serve in the role of President and look forward to supporting the chapter in the coming years.


HPS Annual Meeting
West Palm Beach, Florida
June 26th to June 30th
Save the dates!

2011 Spring Meeting Pictures



**Dinner Speaker:
L. Worth Seagondollar**



**HPS President-Elect Kathryn Pryor (center) with
Bill Byrum and Laura Pring**

**PEP Instructor:
Chris Martel**



Speaker: Lee Cox



Speaker: Ehsan Samai





Spring Meeting Review from the President-Elect: David Howell

The spring meeting of the NC Health Physics Society was held at the Courtyard by Marriott in Chapel Hill on March 3 and 4 and, by all accounts, was deemed a success. The speakers addressed a wide variety of topics (PEP on medical physics; talks on nuclear weapons processing, waste disposal concerns, nanotechnology, x-ray fluorescence, patient dose management, student papers, update on regulatory matters, data on CT brain perfusion studies, project management certification and laser safety.) We were fortunate to have Kathryn Pryor, national HPS president-elect from Pacific Northwest National Laboratory in Richland, Washington at this meeting. There were more than 60 attendees; the dinner speaker Thursday evening was Dr. Worth Seagondollar, retired physics professor and one of the remaining people who worked on the Manhattan Project and saw the first man-made nuclear explosion in the New Mexico desert early morning on July 16, 1945. I appreciate the number of state personnel from the x-ray control branch who attended; it was good to see some new faces and I encourage each of you to reach out to those you think may benefit from attending future meetings. The chapter business meeting covered a number of important topics (membership, budget, expenses, etc.) We appreciate the vendors who were in attendance and shared their knowledge and products with us. Wendy Woehr is the new president-elect for the upcoming year and responsible for planning the next two meetings; I have no doubt that she will do a fine job and can count on us to support her in her efforts.

**Thanks to
the Spring
Meeting
Vendors!**



Student Paper Award

by Amy Orders



Mats Fredrickson is the winner of the 2011 College Student Paper Competition. He was born and raised in Seattle, WA and attended the University of Washington, receiving a BS in physics in 2008. Mats is currently a second year student in Duke Medical Physics Graduate Program.

Mats presented his research at the Spring meeting of NCHPS. His winning presentation was entitled: *"Can Ludlum Portal Monitors be used for Screening Populations from Radiological Terrorism Events?"*

NCHPS thanks all the students who submitted research and for instructors who promote student research and participation in the competition.

TOREV VOLUNTEERS NEEDED!

by Gerry Wicks

The Team of Radiological Emergency Volunteers (TOREV) serves to assist and augment the State of NC Radiation Protection Section in response to radiological emergencies. TOREV was re-initiated as part of the NCHPS in early 2010. Recently, many TOREV members served as observers in various positions in the State Emergency Response Team center in Raleigh and in the field near Southport for the Brunswick nuclear power plant exercise conducted on 31 Aug 2010. Participation of TOREV in future exercises is being planned.

If you would like to join TOREV, more information and an on-line membership application is available at www.nchps.org under the link "Come be a Part of TOREV!". Please contact Gerry Wicks at wicks@ncsu.edu or 919-515-4601 for more information and questions.

Your participation as a volunteer will be appreciated!

Executive Council 2010-2011

Past President- Laura Pring
704-355-5376 (W)
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President- Bill Byrum
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Committees

Program- President Elect

Public Info/ Education- TBA

Nominating- Past President

Newsletter Editor- Wendy Woehr
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Membership- John McLamb
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NCHPS Elects New Board Members for 2011



President-Elect Wendy Woehr is currently a Health Physicist in Radiation Safety at Duke University Hospital, and serving as Secretary on the HPS Membership Committee and Editor of the NCHPS Newsletter. She has a BS in Health Physics from Manhattan College, was recipient of Health Physics Society Fellowship for Graduate School, and has an MS in Health Physics from the University Of Lowell. She has worked as a Physicist in Radiology and as Assistant Radiation Safety Officer at Columbia University/Columbia Presbyterian Medical Center. Her hobbies include backgammon, dancing, solving New York Times crossword puzzles and spending time with her new granddaughter.



Treasurer Bonnie Kanoy is currently a Health Physicist with North Carolina Radiation Protection Section. She has worked for the Radiation Compliance Branch since April 2006. Her job includes x-ray inspections and dose assessment. Bonnie has been a member of the NCHPS since 2007. She is also a member of the NCSRT and ASRT. Bonnie is registered by the American Registry of Radiologic Technologist and holds certifications in Quality Management, Mammography and Radiography. Bonnie and her husband Jake have 4 children and 3 grandchildren. Her hobbies are photography, gardening and reading.



Council Person Bill Fitzgerald is the Radiation Safety Officer at the National Institute of Environmental Health Sciences where he has been employed as a health physicist since 1987. Bill has a Bachelors of Science in Physics and a Master's of Science in Public Health from University of North Carolina -Chapel Hill. He is a Certified Health Physicist and has served on the Nominations Committee of the American Board of Health Physics, as the President, Treasurer and Instrument Custodian of the NCHPS. Bill is a veteran of the US Navy graduating from the nuclear power program and having made numerous under water patrols aboard the USS Lewis and Clark (SSBN 644).


The 2011 Budget from Treasurer Todd Becker



2011 Budget	
Income	
Membership dues	Proposed \$ 1,600.00
Meeting registration (total meeting income)	\$ 15,000.00
Duke Energy Gift	\$ 500.00
TOTAL INCOME	
	\$ 17,100.00
Expenses	
Meeting Fees	\$15,000
Spring Meeting	
Fall Meeting	
Student Paper Competition	\$ 750.00
High School Competition Award	\$ 325.00
Science Teacher Workshop	\$ 350.00
NCHPS Business	\$ 215.00
PO Box	\$ 110.00
Member renewals	\$ 80.00
Misc mailings	\$25.00
Newsletter	\$ 450.00
Spring 09	\$ 150.00
Summer 09	\$ 150.00
Fall 09	\$ 150.00
New Member Welcome Letters	\$ 75.00
Directory Printing, Mailing, Envelopes	\$ -
TOTAL EXPENSES	
	\$17,165.00

* *A Note from the Editor* by Wendy Woehr *

* For the past three years, I have enjoyed working as the Editor of the NCHPS *
 * newsletter. It has been a creative and fun experience. Now that I have been *
 * elected to the office of President-Elect, Giao Nguyen has volunteered to take *
 * over as Editor of the newsletter. Giao has held this position in the past and, as *
 * in everything she does, she will surely do an excellent job! Thank you Giao for *
 * volunteering! *
 * *Thanks to all of the NCHPS volunteers!!!* *



**Get Ready for the HPS
Member-Get-a-Member
Contest 2011!**

The Health Physics Society Membership Committee is excited to announce another opportunity for each of you to help grow the Health Physics Society's membership and earn a chance to win one year of free membership in the society. Recruiting new members strengthens the Society's mission of supporting health physicists in the practice of our profession and in the promotion of excellence in the science and practice of radiation safety.

To enter the contest, recruit health physicists qualified for plenary membership. Simply ask the candidate to write your name in the first *Sponsor* field or the *Referred By* field of the membership application before submitting it. Once the application is approved, your name will be recorded as their sponsor by the Administrative office. This promotion runs from June 26, 2011 through December 31, 2011. The person that recruits the most members by that date will win a free year of Society membership. In the event of a tie, a drawing from those tied entries will be performed by the Administrative office. The winning health physicist will be notified and will also be announced in an issue of Health Physics News.

Start recruiting today!

Affiliates:

Radiation Safety and Control Services, Jay Tarzia
91 Portsmouth Ave, Stratham, NH 03885
(800) 525-8339

Protean Instruments Corporation, Darrell Scoggins
231 Sam Rayburn Pkwy, Lenoir City, TN 37771
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(410) 465-5558

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PO Box 472, Ronceverte, WV 24970
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Ortec, Marc Menigo
801 South Illinois Ave., Oak Ridge, TN 37830
(770) 979-3957

Mirion Technologies, Terry C. Moore
1924 Falling Creek Circle, Mt. Pleasant, SC 29464
P: (843) 849-9093 C: (843) 991-5291

Canberra Industries, Ron Vermilye
800 Research Parkway, Meriden, CT 06450
(800) 243-3955

DEQ Technical Sales, Ray McPhillips & Mike Shephard
7767 Maida Vale Circle, Powell, TN 37849
865-621-5123 (cell) 865-947-5123 (office)

Ludlum Measurements, Dwane Stevens
PO Box 810, Sweetwater, TX 79566
(325) 235-5494
(800) 622-0828

Philotechnics, Ltd, Annette Hanson
PO Box 4489, Oak Ridge, TN 37830
(865) 483-1551

Dade Moeller & Associates, Ellis Jackson
3525 Walton Way Ext, Augusta, GA 30809
(706) 736-1725

Ameriphysics, LLC, Tom Hansen
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Thanks to our affiliates!!!

If you wish to contribute to the Chapter newsletter, please contact Wendy Woehr at 919-668-3155 or wendy.woehr@duke.edu



<http://hpschapters.org/northcarolina/newsletter.php3>



The newsletter is a publication of the North Carolina Chapter of the Health Physics Society