



August 2014

NC Health Physics Society

A Message From Our President- J.D. Moore



It has been an honor serving the chapter as President during the past year. One of the benefits of this role was the opportunity as President-Elect to get to know members and affiliates better while planning the Fall and Spring meetings. Thanks to all the members and affiliates that attended the meetings in Winston-Salem and Carolina Beach. I want to express my gratitude to the executive council for their assistance with planning the meetings, providing guidance, and recruiting speakers. When I was at the annual HPS meeting in Baltimore this month the chapter received several compliments about our meetings from the past two HPS President-elects and several affiliates. The reason for this is our membership

and the great job by the executive council. In order to sustain this run the chapter needs to have members continue to volunteer to be part of the executive council. Now that I am in the third act of this office as the Past President I am looking for volunteers for Treasurer and Council person. Please consider volunteering for a position. See you at the Fall meeting.

MARK YOUR CALENDARS!

FALL MEETING

OCTOBER 2 and 3, 2014

Greensboro, NC

Sheraton Greensboro Hotel at Four Seasons

Joseph S. Koury Convention Center

Golfing on Wed. Oct. 1 if you would like to join Kevin

Spring Meeting- By Mark Pflug



The Spring 2014 meeting of the North Carolina chapter of the Health Physics Society was held in Carolina Beach, NC at the Marriott hotel on March 6th & 7th. Over 65 members and guests attended the event. Thursday's morning PEP course was presented by Dr. Richard Vetter, Professor Emeritus Mayo Clinic. Dr. Vetter gave a series of lectures including, "Protection during Fluoroscopy", "In Utero Effects of Radiation", and "Effects of Radiation Exposure of Children". (photo) The course was accredited by AAHP and ASRT for 5.0/ 3.75 CE respectively.

The chapter was delighted to have as Key Note Speaker, Dr. Paul Frame, recent retiree from Oak Ridge Associated Universities. Dr. Frame enthralled the crowd with little known facts about the "Legend of Emil Grubbe" - the first American "documented" to have used x-rays for therapeutic purposes. Dr. Frame then educated the audience about the true story behind Carl Anderson's discovery of antimatter and how some practical joker almost spoiled the Nobel winner's historical moment. The attendees also learned the origins behind the yellow and magenta radiation warning sign. Can anyone image robin's egg blue?

Dr. Juan Carlos Ramirez-Giraldo (Siemens Medical Solutions) spoke during our afternoon session regarding "Radiation Dose Optimization Techniques in Computed Tomography". The afternoon was closed by Chapter President Elect, Mark Pflug, presenting, "The Quadriplegic Iodine Patient and the Service Animal".

After our vendor-sponsored social hour, Past-President Wendy Woehner was recognized for her dedicated service to the chapter. She received a plaque of gratitude from Chapter President, Jonathan Moore (photo). The dinner speaker was Dr. Joshua Wilson (Duke University Medical Center). Dr. Wilson's talk, "Radiography and Diagnostic Imaging Medical Physics", captured the attention of the dinner guests as they dined on Chicken Tuscany, steak, and grilled salmon.

Friday morning, the group reconvened to a special Chapter breakfast, sponsored by XrayTrax. The early morning session was highlighted by student presentations. The winning student, Chris Pelletier, from East Carolina University received a \$350 award. Second place went to Brent Mattison (Duke University) earning



Spring Meeting Cont.

\$250 for his presentation. Christy Britt and Jon Granger (North Carolina Department of



Health and Human Services) gave us information about new State x-ray rules and processes. The chapter received an update regarding the North Carolina TOREV program from Gerry Wicks, NC State University.

Rounding out our semi-annual event, we heard from the Radiation Safety Officers of UNC Chapel Hill and Duke University. Dr. Roger Sit gave us an update on the new cyclotron facility

on the UNC -Chapel Hill campus. Dr. Terry Yoshizumi (Duke University) concluded our list of speakers with his interesting presentation, "Radiation Protection in X-ray Services".

Our event sponsors included: Ameriphysics, Inc.; Canberra; CFI Medical; Zero Gravity; DEQ Technical Sales, LLC; Ecology Services, Inc.; Landauer, Inc.; LAURUS Systems, Inc.; Mirion Technologies and XrayTrax. We appreciate their continued support!

Ending the 2-day meeting, President Jonathan Moore conducted the chapter business meeting. Kevin Minter of ProPhysics volunteered to be the next NCHPS President Elect. An election of officers will be voted upon in the next few weeks.

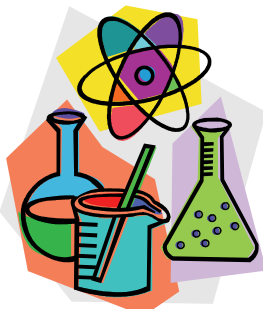


Raleigh Selected for the 2017 Annual HPS Meeting!

By Wendy Woehr

I'm excited to announce that Raleigh has been chosen as the location for the annual Health Physics Society meeting July 9th - 13th, 2017. At the HPS meeting in Baltimore, Laura Pring and I were confirmed as Co-Chairs of the Local Arrangements Committee for this meeting. This is a real honor for our chapter and an exciting opportunity to participate in the organization and planning of an annual meeting. The HPS Secretariat will do most of the work, and we will assist them. We will need volunteers to help with this project. Please let us know if you would like to volunteer for this venture. There is one item I would like everyone to start thinking about, and send us ideas: the logo for the meeting. We need a "symbol" that represents Raleigh, incorporated with a radiation theme. Please give this some thought and send us your ideas!

Science Teacher Workshop Update- Roger Sit



Science Teacher Workshop will be November 5&6, 2014, in Winston-Salem. This will coincide with the annual NCST Professional Development Institute. We will be collaborating and man a booth with NCUS Nuclear Engineering.

TOREV- Gerald Wicks



TOREV members participated in the May 2014 Lincoln County Emergency Management decon drill and the July 2014 Brunswick Nuclear Power Plant FEMA graded exercise. Future drills and training opportunities will be announced to TOREV members. To become a member of TOREV, please visit the chapter website.

Meeting Our New

President-Elect



Kevin Minter is a well versed Health Physicist. He received his BS in Engineering Physics from Cornell University. He then went to Rensselaer Polytechnic Institute and received his MS in Nuclear Engineering/ Health Physics. In addition to graduate research and teaching, he served as the Assistant RSO at Rensselaer. He later moved to North Carolina, and work at NCSU as a Radiation Safety Specialist. He then left NCSU to become a Health Physics Consultant for ProPhysics-Landauer Medical Physics. He enjoys golf and welcomes all interested in playing to join him at the NCHPS Fall golf outing on October 1st.

Executive Council

Subashri Kurgatt is a Health Physicist at the Radiation Safety Division, Duke University/ Duke University Medical Center. She received her PhD in Environmental Sciences from Florida A and M University, and her Master's degree from University of Massachusetts Lowell. She has taught at Moi University and Eldoret Polytechnic in Kenya. In addition to teaching Sue Kurgatt is passionate about Radioecology and protection of the environment. Sue loves organic gardening and is a tennis fan.



Executive Council

Eric works for the Environmental Health & Safety Department at the University of North Carolina at Greensboro (UNCG). He is the laboratory safety manager and radiation safety officer. Prior to UNCG Eric worked for Environment Health and Safety at UNC Chapel Hill in the Radiation Safety section. He is a member of the National Registry of Radiation Protection Technologists. He is a graduate of the University of Arkansas and the University of North Carolina at Chapel Hill.

Active NCHPS Membership Report

<i>Last Dues Paid</i>	<i>TYPE</i>	<i>Number of Members</i>
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2011

A	3
C	15
S	3
Sum	21

2012

A	8
C	18
Sum	26

2013

A	8
C	26
E	1
Sum	35

2014

A	3
C	35
S	1
Sum	39

Total Active Membership

121

HPS Membership

HPS Members	66
Non HPS Members	55

Certification

CHP	29
NRRP	11

New Members within last 6 months

NCHPS Budget Report - Summer 2014

Account Balances				
Checking	\$3,800.64			
Savings	\$23,085.50			
Income			Expenses	
Membership Renewals			2013 Fall Meeting Expenses	
2013	\$1,090.00	(estimated)	ASRT	\$67.50
2014	\$835.00		Hamrick	\$91.45
			Great Wolf Lod	\$5,741.15
2013 Fall Meeting Income			Sept Postcard	\$153.61
Member	\$2,280.00			
Nonmember	\$65.00		2014 Spring Meeting Expenses	
Vendor	\$3,145.00		ASRT	\$67.50
Student	\$15.00		Plaque	\$79.80
Guest Dinner	\$50.00		Mariott	\$6,624.00
PEP	\$300.00		Jan Postcard	\$52.75
2014 Spring Meeting			Feb Postcard	\$111.24
Member	\$1,320.00			
Nonmember	\$650.00		PO Box renewal	\$140.00
Vendor	\$2,365.00		2013 Summer	\$169.62
Student	\$120.00		Membership ren	\$46.65
Guest Dinner	\$135.00			
PEP	\$950.00		Total	\$13,345.27
Duke Energy Gi	\$1,000.00			
Total	\$14,230.00			

2014 Affiliates of the North Carolina Chapter of the Health Physics Society

Protean Instruments Corporation Darrell Scoggins 231 Sam Rayburn Pkwy Lenior City, TN 37771 865-717-3456	Thermo Scientific David Nice 303 Wingcup Way Simpsonville, SC 29680 Tel: 864-963-7996 Cell: 864-630-9703	Bionomics Inc John McCormick PO Box 817 Kingston, TN 37763 865-220-8501	Laurus System Inc. Laura Lynch 3460 Ellicott Ellicott City, MD 21043 410 465-5558
PerkinElmer Life Sciences Julie Ginsler 218 Parkridge Drive Clayton, NC 27520 P: 919-553-4698 C: 919-522-6741	Wm B. Johnson & Assoc Dick Landfried PO Box 472 Ronceverte, WV 24970 304- 645-6568	Pulcir Ted Satterfield 9209 Oack Ridge Hwy Oak Ridge, TN 37830 800-862-1390	Mirion Technology Kevin McDonough 2652 McGaw Ave. Irvine, CA 92616 800-251-3331 949-302-0116
Canberra Industries David Gebbie 800 Research Parkway Meriden, CT 06450 803- 699-8019	DEQ Technical Sales Ray McPhillips 7767 Maida Vale Circle Powell, TN 37849 865-947-5123 (office)	Ludlum Measurements Dwane Stevens PO Box 810 Sweetwater, TX 79566 325-235-9570 800-622-0828	Philotechnics, Ltd Meghan Turvey 201 Renovare Blvd. Oak Ridge, TN 37830 865- 483-1551 865- 805-2416
Ecology Service Inc Paul Marshall 9135 Guilford Rd Columbia, MD 21046 865- 228-9866	Radiation Safety and Control Services Jay Tarzia 91 Portsmouth Ave Stratham, NH 03885 603- 778-2871	Landauer Inc Amy Cosler 2 Science Rd Glenwood, IL 60425 708- 441-8319	F&J Specialty Products, Inc. Frank Gavila 404 Cypress Road Ocala, FL 34472 352-680-1177
Chase Environmental John O'Neil/ Dave Culp 3501 Workman Rd, Suite H Knoxville, TN37921 865- 584-0833	Koyr Inc. Mark Delgado 1103 Crab Orchard Dr.# 2D Raleigh, NC 27606 727- 798-7646	Ecology Services Paul Marshall 9135 Guilford Rd. Suite 200 Columbia, MD 21046 865- 228-9866	Eckert & Ziegler Analytics Uws Beinlich 1380 Seaboard Industrial Blvd. Atlanta, GA 30318 604-425-5039 978-394-2496
Ameriphysics Tom Hansen 11634 Turkey Creek Rd Knoxville, TN 27934 865- 228-1997	Dade Moeller & Associates Jackson Ellis 3525 Walton Way Extension Augusta, GA 30809 706-736-1725	ECS Carolina, LLS Ronald Newman 4811 Koger Blvd Greensboro, NC 27407 336- 478-1607	Fuji Electric of America James P. Menge 1180 8th Ave W Suite 246 Palmetto, FL 34221 201-490-3921

	Office	Telephone	Mailing Address	E-mail Address	Elected
Past President	Jonathan Moore	919-962-5713	926 Port Stewart Drive Cary, NC 27519	JDMoore@ehs.unc.edu	2012
President	Mark Pflug	336-832-0497	501 N. Elam Ave. Greensboro, NC 27403	mark.pflug@conehealth.com	2013
President-elect	Kevin Minter	919-306-6347	1911 Evans Road, Cary, NC 27513	kminter@prophysics.com	2014
Secretary	Wendy Woehr	919-668-3155	DUMC Box 3155 Durham, NC 27710	wendy.woehr@duke.edu	2014
Treasurer	Todd Becker	919-515-2895	NC State University 2620 Wolf Village Way Raleigh, NC 27695-8007	mtbecker@ncsu.edu	2013
Council person	Carmine Plott	336-718-5250	Novant Health Forsyth Medical Center 3333 Silas Creek Parkway Winston-Salem, NC 27103	cmplott@novanthealth.org	2013
Council person	Eric Zack	336-334-3249	UNCG Department of Environmental Health and Safety P.O. Box 26170 Greensboro, NC 27402-6170	e_zack@uncg.edu	2013
Council person	Sue Kuragtt	919-668-2315	DUMC Box 3155 Durham, NC 27710	sue.kurgatt@dm.duke.edu	2014

II. Standing Committees/Appointees

Committee	Chair	Telephone	Mailing address	E-mail Address
Program	President elect			
Public Info/ Education	Laura Pring	704-762-0233	130 Dove Lane Salisbury, NC 28147	Laura.pring@dhhs.nc.gov
Nominating	Past President			
Newsletter Editor	Giao Nguyen	919-434-3766	7641 Astoria Place Raleigh, NC 27612	giao.nguyen@duke.edu
Membership	John McLamb	919-541-4235	NIEHS/Rad Safety Office (F070) 111 T.W. Alexander Dr. RTP, NC 27709	mclamb1@niehs.nih.gov
Public Issues	David Lee	919-791-4203	8033 Wavendon Ct. Raleigh, NC 27615	david.lee@ncdenr.gov
Student Paper	Amy Orders	919-515-5208	NC State University 2620 Wolf Village Way Raleigh, NC 27695-8007	amy_orders@ncsu.edu
TOREV	Gerald Wicks	919-515-4601	2119 Burlington Lab, Box 7909 Raleigh, NC 27695	wicks@ncsu.edu

III. Adjunct Members/Appointees

Science Teacher Workshop	Roger Sit	919-962-5711	802 Emory Drive Chapel Hill, NC 27517	rsit@unc.edu
Survey Meter Custodian	Jonathan Moore	919-962-5713	926 Port Stewart Drive Cary, NC 27519	jdmoore@ehs.unc.edu
HPS/Chapter Liaison	Sarah Roberts	865-241-8893	1221 Wilkinson Rd. Knoxville, TN 37923	sarah.roberts@orau.org
Historian	Secretary			
TOREV Distribution- The charter for TOREV prohibits a RPS person from being the chair				
Chair	Gerald Wicks	919-515-4601	2119 Burlington Lab, Box 7909 Raleigh, NC 27695	wicks@ncsu.edu
Secretary/ database	Roger Sit	919-962-5711	802 Emory Drive Chapel Hill, NC 27517	rsit@unc.edu
State Liaison	Dawn Burke	704-813-7071		dawn.burke@dhhs.nc.gov