



February 2014

NC Health Physics Society

Fall Meeting— Mark Pflug

Upcoming Dates

⇒ **Spring Meeting:**
Carolina Beach, NC
March 6 & 7, 2014

⇒ **N.C. Radiation
Protection
Commission
Meeting: Feb. 28,
2014, 10 am @
Brown Building on
Dix Campus**

The Fall 2013 meeting of the North Carolina Chapter of the Health Physics Society was held in Concord, NC at the Great Wolf Lodge Conference and Meeting Center on October 24th & 25th. There were over 60 attendees and 11 vendors at the meeting. The Thursday morning PEP course “*Radiation Protection in Clinical Radionuclide Therapy: A Physician’s Perspective*” was presented by Dr. Robert Reiman from Duke University. The course has been accredited by the ABHP and ASRT for 4.0 and 3.75 CE respectively.

The chapter was grateful for the visit from Barbara Hamrick, CHP, JD; President Elect of the National Health Physics Society. Ms. Hamrick shared her experience as a Radiation Safety Officer with her talk, “*Things I Don’t Know about Epidemiology*”. Barbara has been quite busy visiting all the chapters and we appreciate her time coming to North Carolina.

Following Barbara Hamrick, Nellie Kelty of Algeta talked about Xofigo, a new Alpha Ra-223 drug recently FDA approved for cancer patient therapy. The meeting featured talks from SFC Jerry W. Spencer of the North Carolina Army National Guard and from Cathy Ribauda from the National Institute of Health regarding conditions of readiness and resources available at the state and federal levels. The dinner speaker on Thursday evening, Dr. John Till (Risk Assessment Corporation), gave an excellent presentation titled: “*Dosimetry for Atomic Veterans—A Component of the Million Worker Radiation*”.

Larry Haynes and Bob Beckham from Duke Energy Corporation spoke to the attendees about dose assessments for contaminated wounds and challenges with Fukushima Daiichi respectively. Sandra Szendy from Duke University gave a talk on Optimizing Personal Dosimetry at Duke University Medical Center. The chapter also listened to Jennifer Dorand, PhD candidate at Wake Forest University, speaking about her work with mobile β irradiation devices and the assess-



From Page 1

ment of cutaneous radiation injuries.

John McCormick (Bionomics, Inc.) gave the group an update regarding the current SCATR program. The chapter also heard from representatives of the North Carolina Radiation Protection Section, Mr. W. Lee Cox III and Mr. James Albright on the new web-based licensing and other state business. Rounding out our list of speakers was Dr. Mark Smith (Ionaktis, LLC) who gave an enlightening talk about Industrial Radiation Processing.

On a somber note, Bill DeForest (ProPhysics) spoke about the passing of Marion Eaddy. Marion was a staunch supporter of the chapter and will be missed!

Much appreciation goes to our vendors and sponsors for supporting the meeting with booths, donating door prizes and providing valuable information about their products and services. We thank them for their continued support of the chapter.

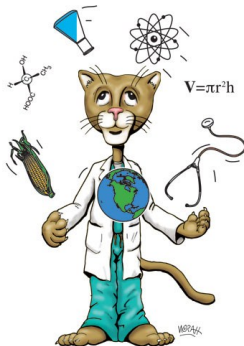
The Spring Meeting has already been confirmed for March 6th and 7th, 2014 at Carolina Beach's Courtyard by Marriott. Save the date as we prepare for another fantastic chapter meeting. This beautiful ocean-side venue has proven to be a favorite among chapter members. Tentative speakers to include: Dr. Richard J. Vetter, PhD; former HPS president and Paul Frame from Oak Ridge Associated Universities (ORAU).



TOREV Update

Dawn Burke will provide an update at the upcoming NCHPS meeting on March 6th and 7th. We currently have 46 members in TOREV.

Image from: <http://emergency.cdc.gov/radiation/medicalexaminers.asp>



Science Teacher Workshop

NCHPS did not attend the 2013 North Carolina Science Teacher's Professional Development Institute (PDI). The new location for the Institute was in Charlotte and our host, the NC State Nuclear Engineering Department, was unclear about the turnout so was hesitant in asking NCHPS to attend. Our contact, Lisa Marshall, stated that for sure, she wants NCHPS involved again, so we'll be invited to the 2014 PDI.

Image from: www.personal.psu.edu

2014 Student Research Competition

The 2014 student research competition, sponsored by the North Carolina Chapter of the Health Physics Society, is calling for papers/presentations from students (undergraduate and graduate), who are currently enrolled in an accredited institution of higher education and performing research. The competition is an oral presentation on any subject applicable to the field of health physics, radiological health or bio-radiological health. The student may report on completed original research or works in progress.

How To Enter:

Submit an abstract of the paper or project:

NC HPS Student Essay Competition

C/O Amy Orders

NC State University

2620 Wolf Village Way CB 8007

Raleigh, NC 27695-8007

OR email in a Word document, Powerpoint or PDF file to aborders@ncsu.edu

Competition:

- ◇ A review panel will select the four finalists. These students will be invited to present at the Spring Meeting of the Health Physics Society on March 6&7, 2014 in Carolina Beach, NC. The committee reserves the right to select fewer than four student papers for presentation depending upon quality and/or quantity of submissions.
- ◇ Each student's presentation will be limited to 20 minutes, with PowerPoint, slides and videos welcome. The competition winner will be announced at the conclusion of the meeting.

Prizes

- ◇ Each student selected to present at the NCHPS meeting will receive free admission to the NCHPS meeting (one dinner, one breakfast included), one night stay at the meeting hotel and a certificate of participation.
- ◇ The best presentation, as determined by the student paper committee, will receive either \$200 cash or \$750 in reimbursement to the National Health Physics Society, as explained below.
 - o If a winner is selected to present at the National Conference in Summer 2014, he/she will receive reimbursement of expenses, up to \$750 to attend the meeting.
 - o If not presenting at the national conference, the best presenter will receive a \$200 check award.

All submissions must be post-marked by February 19, 2014. Review of submissions and selections for presenting will be made quickly for travel planning purposes.

Active NCHPS Membership Report

<i>Last Dues Paid</i>	<i>TYPE</i>	<i>Number of Members</i>
<i>2011</i>		
	A	3
	C	21
	S	3
	Sum	27
<i>2012</i>		
	A	11
	C	38
	S	1
	Sum	50
<i>2013</i>		
	A	8
	C	31
	E	1
	Sum	40
<i>2014</i>		
	C	5
	Sum	5

Total Active Membership

<i>122</i>

HPS Membership

HPS Members	66
Non HPS Members	56

Certification

CHP	28
NRRP	11

New Members within last 6 months

Name	Membership Type	Date Joined
Fuji Electric of America	A	10/2/2013
Jae Won Jung	C	10/29/2013
Patrick J LaFrate	C	1/16/2014
Changfuh D Lan	C	10/29/2013
James P. Menge	C	10/24/2013



**NCHPS 2014 SPRING MEETING REGISTRATION FORM
INDIVIDUAL REGISTRATION**



March 6th & 7th, 2014

Courtyard by Marriott: 100 Charlotte Avenue, Carolina Beach, NC 28428
 A block of rooms has been reserved for March 6th and 7th at the rate of \$69.00/night, excluding taxes.
 Reservations can be made online at <http://www.courtyardcarolinabeach.com/> . Go to "Find a Room"
 and enter dates and group code (HPSR) or
 Hotel phone number is 1-910-458-2030. Room reservation cut-off date is February 20, 2014.

Professional Enrichment Program (PEP Course):
 "X-rays" Dr. Richard Vetter, PhD, CHP
AAHP and ASRT Continuing Education Credits will be applied for.

Featuring Presentations on X-Ray safety topics such as industrial uses of x-rays, Radioactive Materials and, and
 Laser Safety by:

Scheduled Presentations and Speakers
 To Be Announced

Name for badge: (First) _____ (Last) _____
 Affiliation (for badge): _____
 City: _____ State: _____ Zip/Postal Code: _____
 Business Phone: _____ FAX: _____
 Email: _____



Meeting Registration	Early bird registration (Before 2/20/2014)	Preregistration (After 2/21/2014- 3/5/2014)	Day of Conference
<input type="checkbox"/> HPS, NCHPS, or other HPS Chapter member	\$55	\$60	\$65
<input type="checkbox"/> Non-NCHPS, or non- HPS member	\$65	\$70	\$75
<input type="checkbox"/> Student	\$15	\$15	\$20
<input type="checkbox"/> I plan on attending the Thursday Night Dinner Note: Thursday Night Dinner included in registration			
<input type="checkbox"/> Per Guest for Thursday Night Dinner	\$25	\$30	\$30
REGISTRATION TOTAL			
<input type="checkbox"/> PEP Course	\$50 Student -\$10	\$55 Student -\$10	\$60 \$15
CONFERENCE TOTAL ENCLOSED			
<input type="checkbox"/> Please don't not publish my contact information on the attendee roster			

Please make checks payable to: North Carolina Health Physics Society (NCHPS) We cannot accept POs or Credit cards
 Mail Registration Form to: NC HPS, Todd Becker, Treasurer PO Box 37638, Raleigh NC 27627

PRE-REGISTRATION ENDS Feb 20th, 2014 (2/20/2014) SIGN UP EARLY AND SAVE \$\$\$\$

Executive Council 2013-2014

	Office	Telephone	Mailing Address	E-mail Address	Elected
Past President	Wendy Woehr	919-668-3155	Duke University Medical Center Box 3155 Durham, NC 27710	wendy.woehr@duke.edu	2011
President	Jonathan Moore	919-962-5713	926 Port Stewart Drive Cary, NC 27519	JDMoore@ehs.unc.edu	2012
President-elect	Mark Pflug	336-832-0497	501 N. Elam Ave. Greensboro, NC 27403	mark.pflug@conehealth.com	2013
Secretary	Darcy Campbell	980-875-5395	13339 Hagers Ferry Road, Mail Code MG03A2, Huntersville, NC 28078	darcy.campbell@duke-energy.com	2012
Treasurer	Todd Becker	919-515-2895	NC State University 2620 Wolf Village Way Raleigh, NC 27695-8007	mtbecker@ncsu.edu	2013
Council person	Bill Fitzgerald	919-541-3383	NIEHS/Rad Safety Office (F070) 111 T.W. Alexander Dr. RTP, NC 27709	Fitzger5@niehs.nih.gov	2011
Council person	Diane Sulas	608-566-5335	2514 Jefferson Davis Hwy/Sanford, NC 27330	dmsulas@gmail.com	2012
Council person	Carmine Plott	336.718.5250	Novant Health Forsyth Medical Center 3333 Silas Creek Parkway Winston-Salem, NC 27103	cmplott@novanthealth.org	2013

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		jdmoore@ehs.unc.edu	
HPS/Chapter Liaison	Sarah Roberts	865-241-8893	1221 Wilkinson Rd. Knoxville, TN 37923	sarah.roberts@orau.org	
Historian	Darcy Campbell	980-875-5395		darcy.campbell@duke-energy.com	
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	

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(201) 490-3921

Thank you to all our
vendors for support!

**See you
there!**

**NCHPS Spring Meeting 2014:
March 6th and 7th
Carolina Beach, NC**

PEP course (Thursday Morning): Dr. Richard Vetter

Course will feature three distinct topics:

- 1) Protection during fluoroscopy
- 2) In Utero effects of radiation
- 3) Effects of radiation exposure of children

We also have Dr. Paul Frame from Oak Ridge Associated Universities (ORAU)

Speakers:

- ◊ Dr. BJ Sintay, Cone Health: Linear accelerator issues and solutions
- ◊ Dr. Juan Carlos Ramirez-Giraldo: Radiation Dose Optimization Techniques in Computed Technology
- ◊ Dr. Roger Sit, University of North Carolina Chapel Hill: UNC Cyclotron Facility
- ◊ Student presentations

Our dinner speaker will be: Joshua Wilson, Duke University Medical Center: Radiography and Diagnostic Imaging Medical Physics: Managing Techniques, Dose, and Image Quality within a Multi-vendor Health System

