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 Ribaudo 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

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.

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: http://emergency.cdc.gov/radiation/medicalexaminers.asp

Image from: www.personal.psu.edu
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.
      ◇ 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.
      ◇ 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

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<thead>
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**Total Active Membership:** 122

### HPS Membership

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### Certification

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### New Members within last 6 months

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<tr>
<td>Fuji Electric of America</td>
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<tr>
<td>Jae Won Jung</td>
<td>C</td>
<td>10/29/2013</td>
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<tr>
<td>Patrick J LaFrate</td>
<td>C</td>
<td>1/16/2014</td>
</tr>
<tr>
<td>Changfuh D Lan</td>
<td>C</td>
<td>10/29/2013</td>
</tr>
<tr>
<td>James P. Menge</td>
<td>C</td>
<td>10/24/2013</td>
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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 industrials 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: ______________________________

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<td>$60</td>
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<td>□ Non-NCHPS, or non- HPS member</td>
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<td>□ Student</td>
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<td>□ I plan on attending the Thursday Night Dinner Note: Thursday Night Dinner included in registration</td>
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<td>□ Per Guest for Thursday Night Dinner</td>
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□ 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

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

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

## 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    |                                        | jdmoores@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 |
Current Affiliates

Landauer, Inc.  
Amy Cosler  
2 Science Road  
Glenwood, IL 60425  
(708) 441-8319

Wm. B. Johnson & Assoc.  
Dick Landfried  
PO Box 472  
Ronceverte, WV 24970  
(304) 645-6568

DEQ Technical Sales  
Ray McPhillips  
7767 Maida Vale Circle  
Powell, TN 37849  
(865) 947-5123

Thermo Electron  
David Nice  
303 Wingcup Way  
Simpsonville, SC 29680  
(864) 963-7996

Ludlum Measurements  
Dwane Stevens  
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(800) 622-0828

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(410) 465-5558

Bionomics, Inc.  
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Oak Ridge, TN 37830  
(865) 483-1551

Canberra Industries  
David Gebbie  
800 Research Parkway  
Meriden, CT 06450  
(803) 699-8019

PerkinElmer Life Sciences  
Julie Ginsler  
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Clayton, NC 27520  
(919) 553-4698

Chase Environmental Group  
John O’Neil / Dave Culp  
3501 Workman Rd, Suite H  
Knoxville, TN 37921  
(865) 584-0833

Mirion Technologies  
Dosimetry Services  
Kevin McDonough  
2652 McGaw Ave  
Irvine, CA 92616

Protean Instrument Corporation  
Darrell Scoggins  
231 Sam Rayburn Pky  
Lenoir City, TN 37771  
(865) 717-3456

ECS Carolina LLP  
Ronald Newman  
4811 Kroger Blvd  
Greensboro, NC 27407  
(336)478-1607

F&J Specialty Products, Inc.  
Frank M. Gavila  
404 Cypress Road  
Ocala, FL 34472  
(352) 680-1177

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

Ameriphysics, LLC  
Tom Hansen  
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Knoxville, TN 27933  
(865)228-1997

Radiation Safety & Control Services  
Jay Tarzia  
91 Portsmouth Ave  
Stratham, NH 03885  
(603) 778-2871

Ecology Services  
Paul Marshall  
9135 Guilford Road  
Columbia, MD 21046  
(865) 228-9866

Eckert & Ziegler Analytics  
Uwe Beinlich  
1380 Seaboard industrial Blvd  
Atlanta, GA 30318  
(604) 425-5039

Koyr Inc.  
Mark Delgado  
1103 Orchard Dr. #2  
Raleigh, NC 27606  
(727) 798-7646

Fuji Electric of America  
James Menge  
1180 8th Ave. W. Suite 246  
Palmetto, FL 34221  
(201) 490—3921

Thank you to all our vendors for support!
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