



NCHPS

Fall 2007

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 Elect by Amy Orders

With another year in the North Carolina Health Physics Society Chapter, comes another group of officers to serve you. Many thanks to everyone, for nominating and electing me as the next president of the North Carolina Health Physics Society. I consider this election a great honor and opportunity to serve in this capacity for the society. I am looking forward to the next three years with great anticipation; I think we can collectively make great strides this year. As Chair of the Program Committee, I'd first like to inform you of some specifics on our meetings for the next year. I am excited to announce that our Fall meeting will be held October 18th and 19th in Winston-Salem at the Hawthorne Inn

and Conference Center. This will be the first time that we have held a meeting in the Winston-Salem area and it will be a great means of extending the reach of the Society into all areas of North Carolina. We are fortunate to have two nationally recognized speakers for the conference, Dr. Andrew Karam of Rochester Institute of Technology and Robert Emery of the University of Texas – Houston, Health Science Center. We are also pleased to offer members a short course on laser safety on Thursday morning, prior to the meeting's commencement at 1pm. In addition, there will be time to do some networking at the evening social hour, then listen to an entertaining guest speaker at the buffet

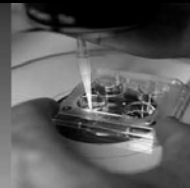
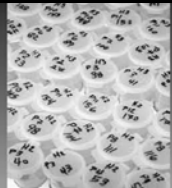
dinner on Thursday night. Our Spring meeting will revisit a familiar and popular locale, the Courtyard by Marriott at Carolina Beach on March 6th and 7th. The National Health Physics Society President-Elect, Dr. Richard Toohey, will be the key note speaker at the meeting. In addition to Dr. Toohey's presentation, our chapter president and treasurer will give an update to the membership on the state of the chapter. There are still openings for anyone who would like to give a presentation. If you are interested in presenting, please feel free to contact me. I look forward to working with you all to make this a great year for our chapter. I look forward to seeing you all in October in Winston Salem!

Subscribe to NCHPS's LISTSERVE!

For information, discussion, and events targeting local and statewide Radiation Safety Professionals. Signing up for the NCHPSLISTSERVE is highly recommended because it is limited to only allowing for the posting of announcements from our local chapter members about meetings, seminars and the occasional job vacancy. It also is made available to the local American Nuclear Society for sending their announcements as part of a cooperative effort between local ANS and HPS chapters. To sign up go to <http://hpschapters.org/northcarolina/listserv.php3>

NRC Graduate Health Physics Fellowships available for 2007-2008 through Duke Medical Physics Graduate Program

NRC Health Physics Graduate Fellowships are available for graduate students seeking MS and PhD degrees through Duke University Medical Physics Graduate Program. Any interested current and future students should contact Terry Yoshizumi, Health Physics Track Director (yoshi003@mc.duke.edu).



Mark your calendar!

The Fall 2007 meeting of the North Carolina Health Physics Society is scheduled for October 18 and 19, 2007 at the Hawthorne Inn and Conference Center in Winston Salem, North Carolina.

Registration:

A pre-registration fee of \$45.00 for NCHPS members and \$50.00 for non-members (includes Thursday evening buffet dinner) is due by October 1st. After October 1st, the registration fee is \$50.00 for members and \$55.00 for non-members and may be paid at the door, via cash or check.

Non-registering guest buffet tickets are available for \$15.00/ea. A buffet dinner will be served on Thursday evening with a dinner speaker. See the enclosed registration form below. Information on NCHPS membership may be found at <http://www.nchps.org>

Hotel Reservations: The Hawthorne Inn & Conference Center is located in downtown Winston-Salem with direct access to Business I-40. Located within walking distance of Old Salem, one of North Carolina's most popular historic attractions, the hotel offers 143 contemporary guest accommodations. A block of rooms are being held at a discounted price of \$75.00 per night. This block will be held until September 17th, after that time, rooms will be subject to availability. Reservations are available on-line (www.hawthorneinn.com and group number 2690MS) or by phone (877-777-3099).

Laser Safety Course:

This course provides an overview of laser physics, biological effects, and hazards, as well as a concise distillation of the requirements in the ANSI Z136.1-2007 Standard for the Safe Use of Lasers. Course attendees will learn practical laser safety principles to assist in developing and conducting laser safety training, performing safety evaluations, completing hazard calculations, and effectively managing an institutional

laser safety program. While some knowledge of laser hazards will be helpful, both experienced and novice health physicists with laser safety responsibilities will benefit from this course. Participants should bring a scientific calculator to allow a "walk through" of example pre-worked hazard calculations. Students will also find their own copy of ANSI Z136.1-2007 a helpful reference. The fee for the PEP Course is \$50 and will be held Thursday morning, October 18th; The Chapter reserves the right to cancel the class if low registration occurs.



TOREV by David Lee

“TO what?” One Health Physicist said to the other. “TOREV”, he replied. “Wait, let me google that, ah, what could you possibly be talking about?”, he replied. “TOREV, Team Of Radiological Emergency Volunteers”. And so the conversation went at a recent meeting of the North Carolina Chapter of the Health Physics Society.

Back in the early days, before “google” was a verb, the concept of TOREV was widely known throughout the Chapter. TOREV as a concept, establishes a resource consisting of volunteers

available to the NC Radiation Protection Section in the event of a radiological emergency or incident within the State. This resource largely, if not exclusively, consists of chapter members across the State with resources and willingness to assist when called upon. The original intent was to not only be available when an incident occurred, but also to participate in preplanned emergency exercises, primarily associated with the nuclear plants within the State.

Over a year ago there was some work in this area, most notably to establish a new TOREV database

developed and managed through a grant at NC State. However, Dale Dusenbury, Manger of the Emergency Response & Environmental Branch, with the North Carolina Radiation Protection Section, has discovered that there is limited access to this database and he is looking to re-establish it within the Chapter and also to use TOREV members, as their time permits, for preplanned emergency exercises.

Look for more information from Dale, specifically at the upcoming Chapter meeting in Winston-Salem.

Call for Papers!

The 2007-2008 student paper competition sponsored by our Society is calling for papers from student (**undergraduate, graduate or post doctorate**) who are enrolled in an accredited institution of higher learning 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 their paper (not more than 150 words) to:

**Student Paper Competition
North Carolina Health Physics
Society
P.O. Box 20051
Raleigh, NC 27619**

All Submissions must be post-marked by **February 1, 2008**

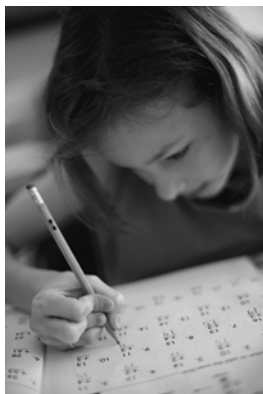
Competition:

1. The best four papers will be chosen and those students will be asked to make an oral presentation at the NCHPS Spring meeting on March 6-7 in Carolina Beach.
2. Each student's presentation will

be limited to 20 minutes. The competition winner will be announced at the end of the meeting.

Prizes:

1. Each student chosen to present will receive free admission to the Spring NCHPS Meeting, one night stay at the meeting hotel and a certificate of participation.
2. The best presentation, as determined by the student paper committee, will receive either \$150 cash or \$750 in reimbursement.



Teachers– Check it Out! High School Student Paper Contest

The North Carolina Health Physics Society is looking for original answers to the question, “What is Radiation?” in 300 words or less. The original entries will not be returned to the student or teacher; illegible entries will be disqualified (typed entries are recommended)

All entries must include this entry form and the essay to be considered. All entries must be postmarked by February 1, 2008. More information, as well as entry forms, will be coming out in the near future.

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 Electron 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 8779 Autumn Hill Drive 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	Ortec Marc Menigo 801 South Illinois Ave. Oak Ridge, TN 37830 (770) 979-3957	Global Dosimetry Solutions 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 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 Hansen 201 Renovare Blvd. Oak Ridge, TN 37830 865-285-3009 direct 865-406-8106 cell
Ecology Service Inc Paul Marshall 102200 Old Columbia Columbia, MC 21046 (410) 381-2600	RSO, Inc. Wendy Caulk P.O. Box 1450 Laurel, MD 20725 888-723-5463	Landauer Inc Carl Milam 782 Dunshea Court Kennesay GA 30144 800-323-8830	F&J Specialty Products, Inc. Frank Gavila 404 Cypress Road Ocala, FL 34472 (352)680-1177 fax (352)680-1454 fandj@fjspecialty.com

**COUNCIL
UPDATE!**



TREASURER Todd Becker

Our 2007 elected treasurer, Giao Nguyen, has moved to Seattle, WA with her husband and daughter. We would like to thank her for all her help and support of the NCHPS over the past few years.

Best of luck Giao!

Todd Becker will assume the treasurer's position for the Chapter and serve the remainder of the term. Todd has worked at NC State University EHS for four years as a Hazardous Materials Program Coordinator. He graduated from NC State University in 1996 with a degree in Natural Resources and is currently enrolled in the Occupational Safety master's program at East Carolina University.

Office	Name	Telephone	Mailing Address	E-mail Address	Elected
Past President	John McLamb	919/541-4235 (W) 919/541-1893 (fax)	NIEHS/Rad Safety Office (F070) 111 T.W. Alexander Dr. RTP, NC 27709	Mclamb1@niehs.nih.gov	2005
President	Ritchie Buschow	919/484-7524(H)	7 Kandes Ct. Durham, NC 27713	buschow.ritchie@epa.gov	2006
President-elect	Amy Orders	919/515-5208 (W) 919/513-2690 (fax)	NC State University 2620 Wolf Village Way (8007) Raleigh, NC 27695-8007	amy_orders@ncsu.edu	2007
Secretary	Laura Pring	704/355-5376 (W)	Radiation Safety Office Carolinas Medical Center 1000 Blythe Blvd. Charlotte, NC 28203	Laura.pring@carolinashealthcare.org	2007
Treasurer	Todd Becker	919/515-2895 (W)	7641 Astoria Place Raleigh, NC 27612	Todd_becker@ncsu.edu	2007
Council person	Roger Sit	919/962-5711(W)	1120 Estes Drive Extension Campus Box 1650 Chapel Hill, NC 27599-1650	rsit@unc.edu	2004
Council person	J. Marion Eaddy III	919/571-4141(W)	Div. of Rad. Protection 3825 Barrett Dr. Raleigh, NC 27609	marion.eaddy@ncmail.net	2005
Council person	Jonathan Moore	919/ 962-5713 (W)	1120 Estes Drive Extension Campus Box 1650 Chapel Hill, NC 27599-1650	jdmoore@ehs.unc.edu	2006

II. Standing Committees/Appointees

Committee	Chair	Telephone	Mailing address	E-mail Address
Program	President elect			
Public Info/ Education	Dale Dusenbury, Jr	919/571-4141 (W) 919/571-4148 (fax) 919/217-0989 (H)	Div. of Rad. Protection 3825 Barrett Dr. Raleigh, NC 27609	Dale.dusenbury@ncmail.net
Nominating	Past President			
Newsletter Editor	Lauren T Daigle	919/513-0988(W)	NC State University 2620 Wolf Village Way (8007) Raleigh, NC 27695-8007	lauren_daigle@ncsu.edu
Membership	Brian Cripe	704/384-3500 (W) 704/316-1348 (fax) 704/867-3695 (H)	709 Woodhaven Lane Gastonia, NC 28056	brian@ncradcom.com
Public Issues	David Lee	919/791-4203 (W) 919/ 846-6321 (H)	8033 Wavendon Ct. Raleigh, NC 27615	David.Lee@ncmail.net
TOREV	vacant	Seeking volunteers		
Student Paper	Amy Orders	919/515-5208	NC State University	amy_orders@ncsu.edu

III. Adjunct Members/Appointees

Program	Chair	Telephone	Mailing Address	E-mail address
Science Teacher Workshop	Dale Dusenbury, Jr	919/571-4141 (W) 919/571-4148 (fax)	Div. of Rad. Protection 3825 Barrett Dr.	Dale.dusenbury@ncmail.net
Survey Meter Custodian	Bill Fitzgerald	919/541-3383 (W) 919/544-4323 (H)	NIEHS/Radiation Safety Office (F070) 111 T.W. Alexander Dr.	fitzger5@niehs.nih.gov
HPS/Chapter Liaison	Joseph Alvarez			jalvarez@auxier.com
Historian	Laura Pring	707/355-5376(W)	Carolinas Medical Center	Laura.pring@carolinashealthcare.org

If you wish to contribute to
the Chapter newsletter,
please contact Lauren Daigle
513-0988
lauren_daigle@ncsu.edu



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[http://hpschapters.org/
northcarolina/newsletter.php3](http://hpschapters.org/northcarolina/newsletter.php3)