



The NEWSLETTER

A publication of the North Carolina Chapter
Health Physics Society

Summer 2002

President's Column – Spring 2002 Meeting Review

The Spring 2002 meeting of the North Carolina Chapter of the Health Physics Society was held March 14-15, 2002 at the Hilton Wilmington Riverside Hotel and Conference Center. Approximately 25 Chapter members and 8 Affiliates attended the meeting and were able to enjoy the program of presentations and the excellent weather in Wilmington.

All speakers for this meeting made their best attempt at predicting trends in the three to five year time event horizon. The Chapter's new historian, Barbara Aaron, has recorded these predictions so the Chapter can revisit them in the future. One common prediction related to Health Physics staffing emerged by the end of the technical sessions. Namely, employment opportunities were foreseen as stable with no real net increase in full-time health physics positions at any of the institutions or corporations represented by the presenters.

necessarily intended. His operational health physics presentation about a "Project Sealed Source Removal at Duke University" showed how the two-hour task often turns into the 12-hour overtime shift! Anyone who has ever wrestled with large shielded shipping containers required for large activity sealed sources could appreciate the difficulties encountered with the logistics of moving and loading such containers. Mr. Egan's discussion and photographs accurately portrayed the potential pitfalls. Other presentations on "Microwave Emissions Measurements from a SPRINT PCS Antenna System," a "Shearin Harris Nuclear Plant Spent Fuel Storage Update," and "An Update from the South East Compact Commission on low level radioactive waste disposal rounded out the Thursday afternoon technical session.

During the Friday technical session, Dale Dusenbury demonstrated how the HOTSPOTS computer code could be used in "First Steps in Response to a Terrorist Radiological Incident." Then the newly official named Radiation Safety Officer at the National Institute of Environmental Health Sciences (NIEHS), Mr. Bill Fitzgerald, showed how a dosimetry application for "Fingertip Monitoring for Beta Radiation" doesn't necessarily have to be provided by an outside dosimetry service. The results NIEHS achieves are often better representative of the actual dose delivered than would be determined by ring/extremity badge monitoring. Finally, Ben Edwards, the Chapter's Webmaster provided some www.nchps.org website user statistics and polled those attending the meeting on design and function improvements. And the food...A special "Thank You" to the Affiliate members for helping support the Chapter.

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Treasurer's Report

Bill Fitzgerald, CHP

The NCHPS is financially strong with \$29,585.49 in cash assets as of January 1, 2002. Although a deficit was projected, the 2001 year ended with a surplus of \$1,010.80. The large difference in what was realized to what was budgeted can be attributed to 1) there was no a student paper during 2001 and 2) the Science Teacher Workshop committee only used half of the funds that they were budgeted.

1/1/2001 - 12/31/2001 Cash Flow

Income

Category	Budgeted	Actual
Membership Dues	\$2,075.00	\$2,160.00
Meeting Vendor Fees	\$3,200.00	\$4,050.00
Meeting Registration	\$1,050.00	\$863.00
Interest	\$500.00	\$371.47
Total Income	\$6,825.00	\$7,444.47

Expenses

Meeting Fees	\$5,000.00	\$4,862.91
Student Paper	\$1,250.00	\$0.00
Newsletter	\$450.00	\$209.68
Business	\$625.00	\$84.99
Science Teacher Workshop	\$2,500.00	\$1,276.09
Total Expense	\$9,825.00	\$6,433.67

Income - Expenses	-\$3,000.00	\$1,010.80
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Account Balances as of 12/31/2001

Checking	\$4,268.67
Savings	\$25,316.82

The budget for 2002 has a projected deficit of \$2,7000.00. Most of the projected deficit is a result of \$2,500.00 that is marked for Science Teacher Workshops. Science Teacher Workshops fulfill the education mission of the Chapter.

NCHPS 2002 Budget (Approved 1/22/2002)	
Income:	
• Membership dues	\$2,075.00
• Meeting vendor fees	\$3,200.00
• Meeting Registration	\$ 800.00
• Interest income	\$ 375.00
Total Income	\$6,450.00
Expenses:	
• Meeting fees	\$5,000.00
• Student paper competition/ • travel award	\$1,250.00
• Print/mail newsletter	\$ 300.00
• NCHPS business	\$ 100.00
• Science Teacher Workshop	\$2,500.00
Total Expenses	\$9,150.00
Income – Expenses	(\$2,700.00)

The NCHPS bylaws state that the Treasurer can serve no longer than two consecutive terms and my second term expires in May of 2003. Please contact Past-President Bradford Taylor if you are interested in serving the Chapter as Treasurer.

President From page 1

Thursday evenings cocktails and hors d'oeuvres social was improved by hearty selections and seating in the vendors display area, which had members lingering and networking for almost three hours. Friday's wrap up Luncheon buffet strategically placed **AFTER** the annual business meeting sent everyone off well feed indeed.

And the door prizes . . . Lavish is the word used to describe some of the items given away during the technical sessions. You have to be in attendance to win, so be sure to mark your calendar for September 26-27, 2002 for the Fall Meeting in Asheville. My best regards for a happy and safe summer ahead. Be sure to wear your sunscreen when you are out photon collecting.

---Todd W. Baker, President, NC HPS

Executive Council - '01/02 Session

I. Elected Officers

Office	Name	Telephone	Mailing Address	E-mail Address	Elected
Past President	Bradford Taylor	919/544-1333 (H) 919/962-5727 (W)	5217 Revere Rd. Durham, NC 27713	Bradford_taylor@unc.edu	2000
President	Todd Baker	919/541-4307 (W) 919/541-0079 (fax) 919/933-7650 (H)	USEPA 86 T. W. Alexander Dr. RTP, NC 27711	Baker.todd@epamail.epa.gov	2001
President-elect	Vashek Vylet	919/684-2194 (W) 919/684-2422 (fax) 919/419-3133 (H)	OESO/DUMC Box 3155 Duke University Durham, NC 27709	Vylet001@mc.duke.edu	2000
Secretary	Gerald Wicks	919/515-4601 (W) 919/515-5115 (Fax) 919/319-9359 (H)	NC State University 2119 Burlington Lab, Box 7909 Raleigh, NC 27695	wicks@eos.ncsu.edu	2000
Treasurer	Bill Fitzgerald	919/541-3383 (W) 919/544-4323 (H)	NIEHS/Rad Safety Office (F070) 111 T.W. Alexander Dr. RTP, NC 27709	fitzger5@niehs.nih.gov	1999
Council person	Amy Orders	919/515-5208 (W) 919/513-2690 (fax)	1150 Varsity Drive, Box 8007 NC State University Raleigh, NC 27695-8007	amy_orders@ncsu.edu	1 year Appointment
Council person	Grant Mills	919/571-4141 (W)	NCDRP 3825 Barrett Drive Raleigh, NC 27695	Grant.Mills@ncmail.net	1999
Council person	Keith Earnshaw	919/846-6365	Earnshaw Environmental, Inc. 11739 Pacesferry Dr. Raleigh, NC 27614	earnshaw@mindspring.com	2001

II. Standing Committees/Appointees

Committee	Chair	Telephone	Mailing Address	E-mail address
Program	[President-elect]			
Public Info/ Education	David Howell	336/ 777-3181 (W) 336/777-3101 (fax)	Wake Forest Univ.- School of Medicine, Env. Health & Safety	dhowell@wfubmc.edu
Nominating	[Past President]			
Newsletter Editor	John McLamb	919/661-7740 (H) 919/962-5721 (W) 919/962-0227 (fax)	2813 Girth Lane Raleigh, NC 27603	John_McLamb@unc.edu
Membership	Brian Cripe	803/831-3425 (W) 803/831-3555 (fax) 704/867-3695 (H)	709 Woodhaven Lane Gastonia, NC 28056	brian@ncradcom.com
Public Issues	David Lee	919/546-6111 (W) 919/546-4073 (fax)	CP&L, CPB 9A-1 412 S. Wilmington St. Raleigh, NC 27601	Davids.lee@cplc.com
TOREV	Johnny James	919/571-4141 (W) 919/571-4148 (fax) 919/481-1334 (H)	943 Hillview Dr. Cary, NC 27511	Johnny.James@ncmail.net
Student Paper	Felix Fong	919/571-4141 (W) 919/571-4148 (fax) 919/870-6868 (H)	Div. of Rad. Protection 3825 Barrett Dr. Raleigh, NC 27609	Felix.Fong@ncmail.net

III. Adjunct Members/Appointees

Program	Chair	Telephone	Mailing Address	E-mail address
STW	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
Survey Meter Custodian	Bill Fitzgerald	919/541-3383 (W) 919/544-4323 (H)	NIEHS/Radiation Safety Office (F070) 111 T.W. Alexander Dr. Research Triangle Park, NC 27709	fitzger5@niehs.nih.gov
HPS/Chapter Liaison	Wesley Bolch	352/846-1361	University of Florida Dept of Nuclear & Rad Engineering P.O. Box 118300 Gainesville, FL 32611	Wbolch@ufl.edu
Webmaster	Ben Edwards	919/668-3157 (W) 919/668-2783 (fax) 919/929-5718 (H)	1302 Willow Dr. Chapel Hill, NC 27514	edwar086@mc.duke.edu
Radiation Without Borders	Dr. Philip Hamrick	919/3628204 (H)	1708 New Hill-Olive Chapel Rd.	p-c.hamrick@juno.com
Historian	Barbara Aaron	919/513-1915(W) (919) 513-2690 (fax)	5106 Lazywood Lane Durham, NC 27712	Barbara_Aaron@ncsu.edu

Affiliate Members

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Announcement & Call for Presentations

**NCHPS Fall 2002 Meeting: “Current Issues in Health Physics”
Asheville, September 26 and 27**

Location: Best Western Asheville Biltmore

22 Woodfin Street

Asheville, NC 28801

This hotel is conveniently located in downtown Asheville, within walking distance to many restaurants, shops and art galleries.

Program

The program, currently under preparation, will include the HPS President-Elect Ken Kase and several other invited speakers. The Program Committee is encouraging members to present short (15 min) talks with subjects appropriate for the meeting topic. Please send the title of you proposed talk to Vashek Vylet <vashek.vylet@duke.edu>.

Hotel Reservations

We have a block of rooms reserved at a rate of \$79.95 + tax, which includes continental breakfast. Call toll-free 888.854.6897, please use group code CGHPS.

Program Committee:

Barbara Aaron, Todd Baker (President), Ben Edwards, Bill Fitzgerald, Dan Sprau, Vashek Vylet (President-Elect)

Questions, suggestions? Please feel free to contact your favorite member of the Program Committee.