



THE BILLET STC NEWSLETTER

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OFFICIAL NEWSLETTER of the SOUTH TEXAS CHAPTER of the HEALTH PHYSICS SOCIETY

Features

STC Elects New Officers...2

Congratulations
Alice Rogers.....2

Donations to STC-HPS
Educational Funds.....3

Fizza Mahdi Receives
Science Fair Award.....3

Thanks from
Kelly Thoreson.....3

Student Presentations....11

NRC Seeks Public
Comment.....11

CRCPD to Pilot Tracking
System.....16

DSHS Report to TRAB....17

NRC NEWS.....18

In Every Issue

EC Minutes.....4

Meeting Information.....12

New Members &
Applicants.....15

Member Renewal/
Application.....20

Affiliate Renewal/
Application.....21

2010 Affiliate Roster.....22

Future Meetings &
Deadlines.....24

Poston Attended White House Reception Honoring HHS Advisory Board Service

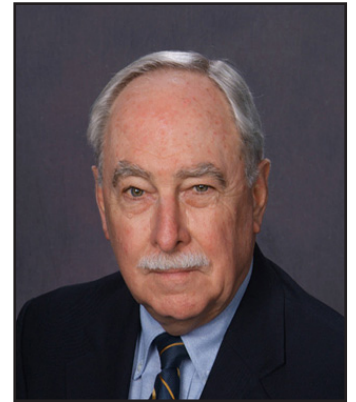
Penny Beaumont

Dr. John Poston, professor of nuclear engineering and associate director of the Nuclear Power Institute at the Texas Engineering Experiment Station was in the White House rose garden on Tuesday, June 29. Poston and his colleagues on the Advisory Board on Radiation and Worker Health were among those invited to a reception hosted by President and Mrs. Obama honoring individuals who assist the government through service on advisory boards and commissions.

Poston was appointed to the board in 2006 by

President George W. Bush. He is the only Texan on the 14-member board, which advises the Secretary of Health and Human Services about the Energy Employees Occupational Illness Compensation Act (EEOIC). The act was passed in 2000, and it is implemented by the National Institute of Occupational Safety and Health (NIOSH).

The EEOIC law was passed to address the exposure of men and women engaged in building the nation's nuclear defenses to radiation and other hazards unique to



Dr. John Poston

nuclear weapons and testing. The compensation program is designed to provide for
continued on page 23

2010 Texas Radiation Regulatory Conference

September 1-4, 2010

Austin, Texas

Hosted Jointly by:

Texas Department
of State
Health Services



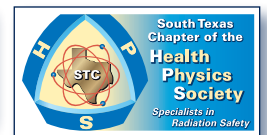
Texas Commission
on Environmental
Quality



Texas
Railroad
Commission



South Texas Chapter
of the Health
Physics Society



Information important to Radiation Safety Officers (RSOs), users of radiation, and other radiation safety staff will be presented.

- New Rules
- Rule Changes
- New Policies
- Compliance

★★★ See pages 12-14 for upcoming meeting information. ★★★

South Texas Chapter Elects New Officers...*Electronically!*

Karen Blanchard

The Chapter's annual election of officers was completed in April for the first time by electronic voting. Our thanks go to Chapter Webmaster Will Pate and folks at the national HPS for their hard work in getting everything in place to make it a success.

Elected for open positions were Jennifer Watson, President-Elect; Ron Scheele, Secretary; and John Salsman, Board Member. Thanks to all who were willing to throw their hat into the ring. This year, for the first time in several years, the Nominations Committee had to narrow the pool of candidates to the two per position mandated by our by-laws. We hope to see the unsuccessful candidates back in the running again next election!

Your Chapter Executive Council for the next year is:

President:	Karen Blanchard
President-Elect:	Jennifer Watson
Secretary:	Ron Scheele
Treasurer:	Pete Myers
Board Members:	Sam Daniel, John White, and John Salsman



The new officers look forward to serving you and the Chapter.



Congratulations to Alice Rogers

Pete and Karen Myers

Congratulations to Alice Rogers, PE, STC '04, for being elected Chairperson for the Conference of Radiation Control Program Directors (CRCPD). Alice currently serves as the Manager of the

Radiation Inspection Branch for the Texas Department of State Health Services.

Best wishes to you, Alice, for a tremendously rewarding tenure in this important position.



More information about Alice Rogers is on page 17.

The South Texas Chapter of the Health Physics Society (STC-HPS) is a professional society that was organized and chartered in 1964. Its objectives are to:

- Develop scientific knowledge in the study of radiation
- Devise practical means to protect people and their environment from harmful effects of radiation
- Provide and support meetings to discuss scientific endeavors
- Encourage scientific research and education dedicated to the science of radiation protection
- Aid in research and education opportunities in health physics and radiation protection for college and university students

STCVIPs

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Donations to STC-HPS Educational Funds

Pete and Karen Myers



Donations to STC-HPS Educational Funds were made during April–June 2010 by the following generous persons.



Robert R. Perry, LMP


Jim Sharp
Sharp Services

Sharon Sharp
Sharp Services

Dan Menchaca
Texas A&M University

Mark Buxkemper
*USDA/Agricultural
Research Service*



The Executive Council of South Texas Chapter of the Health Physics Society offers its most sincere thanks to these people for making contributions that are important to the viability of the STC's funds, which provide significant assistance to students preparing for their futures. 



Fizza Mahdi receives the award presented by Frank Iddings at the Science Fair—Fizza's project involved a study of DNA repair in cancerous lung, brain, and prostate cells after exposure to 2 to 10 Gy of gamma radiation.



Dear STC-HPS Members,

I just wanted to thank everyone for the opportunity to give a presentation at the STC-HPS student meeting.

Being able to present at this meeting was such a helpful way to become more familiar and comfortable with public speaking.

The questions and critiques are also appreciated. :)

Thanks again for all the support and generosity you give to students.

Kelly Thoreson, UTHSCSA student

SOUTH TEXAS CHAPTER *of the* HEALTH PHYSICS SOCIETY, INC.

Minutes of the Executive Council Meeting

April 9, 2010

Jennifer Watson, Secretary

Persons in Attendance

Executive Council (EC) Members:

Stan BravenecPresident
 Karen BlanchardPresident-Elect/
 Programs Chair
 Jennifer WatsonSecretary
 John WhiteEC Member
 Sam DanielEC Member
 Pete Myers.....Treasurer-Elect/
 Membership Chair

Committee Chairpersons:

Karen MyersAdmissions Chair/
 Publications Chair
 John Hageman.....*The Billet* Editor
 Al EvansScience Teacher
 Workshop

Chapter Members & Guests:

Ken Krieger.....STC Member & Guest
 William Pate.....STC Member,
 Webmaster & Guest
 John Salsman.....STC Member & Guest
 Charles Williams.....STC Member & Guest

Agenda Item	Discussion	Action
Call to Order 5:40 p.m.	Quorum established	N/A
Agenda Approval	Move to approve as written Motion to add election results to the agenda after minutes approval Motion: Karen Blanchard Second: John White	<i>Committee Vote:</i> Approved
January 2010 STC-HPS Executive Meeting	Motion to approve the minutes from the January meeting Motion: John White Second: Karen Blanchard	<i>Committee Vote:</i> Approved
Election Results	The results of the elections were as follows: President-Elect: Jennifer Watson Secretary: Ron Scheele Board Member: John Salsman	Congratulations to the new officers!
President's Report	Thanks to the Executive Council (EC), committee chairs, and chapter volunteers for all of your hard work in keeping the South Texas Chapter the leading Chapter in the Health Physics Society. You are the ones charging forward because you know we can make a difference. With your assistance and support, we have moved the Chapter forward with a philosophy based on shared responsibility, mutual respect, and teamwork.	
	The Chapter has made significant progress on many issues we have set out to accomplish. Just to mention a few items: The Bylaws were changed by appropriate Democratic process, and the Chapter now has electronic voting and registration capabilities. This is a significant accomplishment that will streamline Chapter communications and help increase Chapter membership. New student scholarships and awards have also been established to guarantee the future of the Society and the profession. The Chapter has an exciting year planned with the now nationally recognized Texas Regulatory Conference, not to mention supporting the re-creation of the North Texas Chapter into the Great Plains Chapter.	
	I am transitioning into the Past President position immeasurably richer than when I arrived, enriched by your caring attitudes, dedication, and hard work promoting the profession of Health Physics.	

Agenda Item	Discussion	Action
President's Report <i>continued</i>	I take pride in having worked with such dedicated volunteers who provide excellent service to our Chapter members, the Health Physics Society, and future Health Physicists.	
President-Elect's Report	Thank you to all of the local members who have helped put together the Student Presentation Meeting and thanks to John Salsman & Texas A&M Environmental Health & Safety for arranging the space for the EC meeting.	
Program Committee Report	The January 2010 meeting in Houston—Proton Therapy and visit from the HPS President-Elect Ed Maher—was a smashing success (even with the “rain” from the ceiling during lunch)! The meeting was very well attended, and we got to see a few faces we haven't seen in a while. The Proton Therapy Center staff provided a well-rounded and very informative program, complete with a behind-the-scenes tour of the facility. Kudos, again, to locals Jay Poston and Stan Bravenec for all of their hard work. The Chapter especially thanks the Proton Therapy Center staff who gave up their Saturday to enlighten us on the amazing work they are doing. Houston was a hard venue to have the meeting in, but it was worth bringing in new members.	
	Tomorrow's meeting is our Annual Chapter Business Meeting and Student Presentations. We have had 17 members pre-register and 12 students register to present—7 graduate students, 1 undergraduate, and 4 associate degree students. Judges will be needed for the presentations. Awards for top presentations will be awarded following the afternoon break. We have included a session at the end of the meeting for discussion about the upcoming Regulatory Conference (RegCon 2010).	
	The September 2010 meeting will be the Regulatory Conference. It will also serve as our Affiliate's Fair meeting. The Committee (STC, DSHS, TCEQ representatives) continue their work. Chapter members may be solicited for assistance as specific needs are identified. While there was some discussion about possible date changes for the conference, we have final confirmation that it will be held on the original dates—September 2 thru 4. We are looking at several possibilities for speakers. Pete Myers is working through his contacts to schedule them for our event.	
Treasurer's Report	There were two reimbursements that were voted on electronically by the EC and are reflected in the Secretary's Report. Motion to approve the reimbursement Motion: Karen Blanchard Second: Sam Daniel	<i>Committee Vote:</i> Approved
	The total assets of the Chapter are \$124,351.00 after an increase of \$3,392.99 due to membership dues, affiliate dues, scholarship donations, and teacher workshop donations. Motion to approve the Treasurer's Report Motion: John White Second: Karen Blanchard	<i>Committee Vote:</i> Approved
Treasurer-Elect's Report	Pete Myers did an excellent review of the STC-HPS budget management and determined that there are three significant sources of income in membership dues, donations, and investments. The	

continued on page 6

Agenda Item	Discussion	Action
Treasurer-Elect's Report <i>continued</i>	individual membership has been declining over the past couple of years resulting in a decrease in income revenue. From the Treasurer's perspective, we should protect our resources so that we can increase our investments so that investment-payouts can help pay for future programs: Program Committee, Science Teacher Workshop, and Student Assistance Committee. The Program Committee has been losing money for the past two years, and the Student Assistance Committee and Science Teacher Workshop submit budgets in excess of their anticipated donations.	
	<p>Three proposals were submitted regarding the fund balance trends:</p> <ol style="list-style-type: none">1) The Treasurer should prepare each next year's proposed budget in time to be distributed to the EC in December to be discussed and approved at the Chapter's January meeting.2) The Chapter should not depend on dues and donations to provide funds adequate to resource its programs (e.g., Student Assistance and Science Teacher Workshop); investments must be increased to provide adequate and consistent funding. The EC, therefore, should approve the purchase of a second annuity ladder, paying out \$1,000 per year, for use either by the Student Assistance Committee or the Science Teacher Workshop Committee.<ol style="list-style-type: none">a) The \$30,000 for the annuity ladder could come from:<ol style="list-style-type: none">i) the Operating Fund ($\\$51,413.46 - \\$30,000 = \\$21,413.46$), orii) \$20,000 could come from the Operating Fund ($\\$51,413.46 - \\$20,000 = \\$31,413.45$) and \$10,000 could come from either the Student Assistance Mutual Fund ($\\$14,722.67 - \\$10,000 = \\$4,722.67$) or the Science Teacher Workshop Fund ($\\$22,582.03 - \\$10,000 = \\$12,582.03$).b) If the \$1,000 were used by the Student Assistance Committee, it could be used to fund the second \$1,000 Educational Grant, and the committee's typical budget would be almost completely resourced with only a \$667 shortfall (i.e., Science Fair expenses), which could be provided from the Operating Fund.c) If the \$1,000 were used by the Science Teacher Workshop Committee, the second \$1,000 Educational Grant could be eliminated, and the Science Teacher Workshop Committee's annual deficit could be reduced from \$5,150 to \$4,150 (still a large deficit that must be addressed; see proposal 3.b.).	

As a courtesy to our membership, the STC-HPS offers a list of the Health Physics-related positions available in South Texas on our Web site.

 www.stc-hps.org/hpjob.htm

Agenda Item	Discussion	Action
Treasurer-Elect's Report <i>continued</i>	3) The Program Committee and the Science Teacher Workshop Committee should address their trends of spending more money than is collected for their activities. <ul style="list-style-type: none"> a) Program Committee: <ul style="list-style-type: none"> i) Increase meeting registration fees to offset projected meeting expenses (i.e., profit, at least break even) b) Science Teacher Workshop: <ul style="list-style-type: none"> i) Reduce number of workshops ii) Reduce workshop expenses (e.g., cease reimbursing for gas, overnight rooms, and meals) c) Student Assistance: <ul style="list-style-type: none"> i) Consider reducing from two \$1,000 Educational Grants to only one 	
	The 2010 budget is a balanced budget due to the regulatory conference, otherwise the budget would be in the red. Questions arose regarding the report: <ul style="list-style-type: none"> 1. Why have we been okay for 20 years if we lose money each year? Answer: Regulatory Conferences and large donations to support the chapter. The concern is that the Regulatory Conference might not last long if the NRC revokes Agreement State Status and if the new management does not support the conference. 2. How can we turn around the support for the Regulatory Conference? Answer: Work with management and emphasize the need for the community. 	
	Discussion arose regarding the reason why each committee had large budgets submitted but in reality the actual cost spent on each committee is not close to the budgeted projection. Could this number be reduced in the future? Currently, the 2010 STC-HPS budget is balanced, and therefore, this budget does not need to be re-evaluated. Motion to approve the 2010 STC-HPS Budget Motion: Karen Blanchard Second: John White	<i>Committee Vote:</i> Approved
	Due to the Program Committee losing money each year, it has been suggested to create a survey to discuss costs of meetings and see what the members feel is an acceptable cost per meeting.	<i>Action Item:</i> Program Committee Chair will send out a survey to the STC-HPS Members
	John White proposed that we create a committee to evaluate the report by Pete Myers and discuss future possibilities. Motion to create a committee to review the proposal Motion: John White Second: Pete Myers	<i>Action Item:</i> Committee will meet to evaluate the proposal. Stan Bravenec appointed Sam Daniel, Karen Blanchard, and Ken Krieger to the committee with Pete Myers as chair
Secretary's Report	The new bylaws have been updated and placed on the South Texas Chapter Web site.	

continued on page 8

Agenda Item	Discussion	Action
Secretary's Report <i>continued</i>	Email discussions since the last EC meeting: a. Student awards discussion – Karen Blanchard presented three options regarding the Student Awards: 1) 2 awards for each of the 3 categories, \$250 and \$100 (\$1050 total) 2) 3 awards for each of the 3 categories, \$250, \$100, and \$50 (\$1200 total), or 3) 3 awards for each of the 3 categories, \$200, \$100, and \$50 (\$1050 total)	
	b. Student awards vote – Karen Blanchard moved that we pay the following student presentation awards at the April 10, 2010, meeting: 2 awards – \$250 and \$100 – in each of the 3 categories (grad, undergrad, associate) for a total award expenditure of \$1050 Motion: Karen Blanchard Second: Doug Johnson	<i>Results: Unanimous Approval</i>
	c. Reimbursement vote – John White moved that we reimburse Pete Myers for their incurred expense in the total amount of \$28.48. Motion: John White Second: Karen Blanchard	<i>Results: Unanimous Approval</i>
	d. Treasurer's Report Vote – Jennifer Watson moved that we approve the Treasurer's Report presented in email format from David Fogle on January 22, 2010. Motion: Jennifer Watson Second: Jay Poston	<i>Results: Unanimous Approval</i>
	A question was raised as to the number of CEU credits for this meeting, and the decision was 4 CEU credit hours. The CEU credits will be emailed out to the members.	<i>Action Item: CEU credits must be emailed out to the members who attend tomorrow</i>
	Due to the fact that there is only one undergraduate student, the EC chose to give the other \$100 tomorrow to a second 2nd place in graduate presentations.	
Membership Report	Current STC membership is at 196 members for 2010 with last year's total at 257 members. Voted on new members. Motion to accept members Motion: Karen Blanchard Second: John White	<i>Committee Vote: Approval of new STC members. Congratulations!</i>
WELCOME NEW STC MEMBERS!	New Members: Gordon Williams – South Texas Project Christopher Cherry – S&W Memorial Hospital Jessica Clements – TX Health Presbyterian Hospital Benjamin Sirknen – Ameriphysics, LLC A. David Stephenson – UTMB Kevin Dugan – TAMU NSC Eloura Durkee – TAMU Joshua Loucks – TAMU Claire Rowan – Murchison MS (Science Fair) Ellen Zhou – Clear Brook HS (Science Fair)	

★ ★ ★ **WELCOME NEW STC MEMBERS, listed above.** ★ ★ ★

STCMinutes

Agenda Item	Discussion	Action
Membership Report <i>continued</i>	On January 1, 2010, emails were sent out inviting the following to become 2010 STC members: <ol style="list-style-type: none"> 1. 2008 & 2009 Individual STC Members – 267 2. Affiliate STC Members: 2008 Members – 5 2009 Members – 20 3. HPS members not STC members – 114 	<i>Results:</i> Pending
	On January 4, 2010, emails were sent out to 134 members of the Gulf Coast Chapter of the American Society of Safety Engineers inviting them to become STC members.	<i>Results:</i> Pending
Legislative Committee	No report at this time.	
Affiliate Committee Report	Stan Bravenec is going to contact Andrew Pitts to discuss options regarding the Affiliates Committee. William Pate is a suggested replacement as Committee Chair.	
Publications Committee	Pete and Karen Myers are encouraging articles for <i>The Billet</i> and keeping it technically current and interesting.	
Nominations Committee	The South Texas Chapter submitted a letter of support for Nolan Hertel in his nomination for President-Elect.	
	The South Texas Chapter elections for President-Elect, Secretary-Elect, and Board Member went live on March 10, 2010. Thanks to Ruedi Birenheide from National for setting up and administering the online voting system and also to our webmaster William Pate for getting it on the Web site and taking care of things that needed to be done on our end.	
<i>The Billet</i>	Future Meeting Dates: January 14-15, 2011 (in San Antonio) – Advances in Nuclear Power & April 2011 – Student Presentation & Annual Business Meeting in Waco, TX. A meeting could be held in North Texas in 2012.	
Science Teacher Workshop	On March 20, Karen Blanchard and Ken Krieger presented a two-hour workshop at the Joint Quarterly Meeting of the Texas Chapters of the American Physical Society and the American Association of Physics Teachers. The meeting was held on the San Marcos campus of the University of Texas. Three people attended. We are working toward shorter workshops at such meetings, put on by fewer people, preferably chapter members living near the presentation site.	
	Preparations are underway for our exhibit and workshop for the annual convention of the Science Teachers of Texas (STAT), to be held on November 11–13 in the Brown Convention Center, Houston. An email was received from the Program co-chair encouraging us to participate. She did suggest a shorter workshop and suggested “75 minutes on how to teach nuclear science to Texas school students.” This chairman suggests an open forum on this topic.	
	Bob O’Powell made a phone call to Al Evans and offered services to the South Texas Chapter.	
	There is a possible Science Teacher Workshop in Clearwater on June 12 or 26 for a total of 8 hours.	

continued on page 10

Agenda Item	Discussion	Action
Student Assistance Committee	<p>The South Texas Chapter participated in two regional science and engineering fairs and will also be participating in the ExxonMobil Texas Science in Engineering Fair this weekend. Winners are:</p> <p>Austin Energy Regional Science Festival (Feb. 24–25): Claire Rowan, a 6th grade student at Muchison Middle School in Austin, exhibited her project, “Is Your Countertop Killing You?” Judges were Pete and Karen Myers.</p> <p>Science and Engineering Fair of Houston (Mar. 12–14): Junior Division winner is Brian Xu, an 8th grade student at Harmony School of Excellence in Houston. His project was “Dose Distribution in Proton Therapy.” Judge for this project was Stan Bravenec. Senior division winners are Sudha Verma, an 11th grade student at Clements High School in Sugarland, and Ellen Zhou, a 10th grade student at Clear Brook High School in Friendswood. Sudha’s project was “Shields and Fluoroscopy Times: A Statistical Analysis.” Ellen’s project was “A Nuclear Topic: Efficiency of a Pressurized Water Reactor Subject to Control Rod Movement Start Up Phase.” Both Ellen and Sudha have elected to become student members of the STC, and Sudha and her parents are planning to visit the conference tomorrow.</p> <p>The ExxonMobil Texas State Science & Engineering Fair is going on this weekend in San Antonio. Long-time STC member Frank Iddings is judging this event, and the results will be announced later. Historically, the STC has selected a project from the State fair for nomination for the National HPS Science Fair award.</p>	
	<p>The applications for Education Grants for Associate Degree and Graduate Degree Students are available in <i>The Billet</i>. The deadline for the applications is May 24, 2010. Applicants must be members in good standing of the STC. The grant is for \$1000 per award. The Neff-Poston award will be made in the fall to an undergraduate Radiological Health Engineering student at Texas A&M University. This award is approximately \$1250.</p>	
	<p>Student presentations will be given tomorrow. As usual, there will be three levels of competition: Associate, Undergraduate, and Graduate. Two awards will be given at each level. Three judges need to be selected. Packets are available from Ken Krieger.</p>	<p><i>Action Item:</i> Have Linda Morris submit an article for <i>The Billet</i>.</p>
Special Topics	<p>Lapel pin color needs to be selected for ordering more for the South Texas Chapter.</p> <p>Motion to order new blue and gold pins: Motion: Karen Blanchard Second: Stan Bravenec</p>	<p><i>Committee Vote:</i> Approved</p> <p><i>Action Item:</i> Stan Bravenec will research prices.</p>
	<p>UTHSCSA San Antonio Funding Fact Finding Subcommittee: Report will be given at the September meeting.</p>	
	<p>North Texas Chapter – A survey was sent out this Tuesday, but results have not yet been tabulated.</p>	
Adjournment	<p>7:35 p.m. Motion: Karen Blanchard Second: John White</p>	

Student Presentations at STC's April Meeting in College Station

Karen Blanchard

Students from UT Health Science Center at San Antonio (UTHSCSA), Texas A&M Univ. (TAMU), and Texas State Technical College (TSTC) in Waco presented their research to attendees at the STC's Annual Student Presentations and Chapter Business Meeting held at the Zachry Engineering Building on the A&M Campus in College Station last April. Students vied for cash awards for the top two presentations in each category: Graduate, Undergraduate, and Associate. With only one entry in the undergraduate category, the Executive Council voted to move the 2nd place award to the Graduate category. Congratulations to all of the presenters! Well done! Presentations and awards were:

Graduate:

Fada Guan, TAMU, **1st Place Award: \$250**

"The Acquisition of Three-Dimensional Conformal Dose Distributions in Proton Beam Radiotherapy"

Kelly Thoreson, UTHSCSA, **2nd Place Award: \$100**

"An Introductory Look into the MicroStar Reader Using NanoDot Dosimeters"

Vihar Bhakta, TAMU, **2nd Place Award: \$100**

"Production of Alpha Particle Emitting At-211 Nanoparticles"

Alice Dale, TAMU

"Development of a Complex Phantom Using Radiation Crosslinked Copolymers at the Hardening Phase of the Plastination Process"

Michael Martin, TAMU

"An Engineering Study on the Improvement of the Radiation Assessment Detector (RAD) System"

Jeremy Northum, TAMU

"Simulation and Analysis of a Tissue Equivalent Proportional Counter Using the Monte Carlo Transport Code FLUKA"

Xudong (Alan) Wang, UTHSCSA

"Optically Stimulated Luminescent Dosimeters in Total Body Irradiation and Total Skin Electron Therapy Dose Measurement"

Undergraduate:

Kevin Dugan, TAMU, **1st Place Award: \$250**

"Comparison of HPGe Detector Efficiency for a Waste Box Geometry Using the Conventional Point Source Approach vs. ISOCs Mathematical Software"

Associate:

Chris Waters, TSTC, **1st Place Award: \$250**

"Radiation in Iraq"

Christopher Garrett, TSTC, **2nd Place Award: \$100**

"Goiania"

Etoy Gossett, TSTC

"The Tokaimura Accident"

Stephanie Harrison, TSTC

"Proton Therapy versus Radiation"



U.S. Nuclear Regulatory Commission Seeks Public Comment on Several Rules and Policy Statements

Requirements for Distribution of Radioactive Material. The proposed rule is primarily intended to make licensing processes more efficient and effective, while ensuring continued safe use of radioactive material. The changes would affect manufacturers and distributors of radiation sources and devices containing radioactive material, as well as future users of some products – such as static eliminators – currently used under a general or specific license. The Proposed Rule can be viewed and downloaded electronically via the Federal eRulemaking Portal at www.regulations.gov by searching for Docket ID NRC-2008-0338. Public comments will be accepted through **September 7, 2010**. Comments may be submitted through the federal rulemaking Web site at www.regulations.gov by using Docket ID NRC-2008-0338. They may also be mailed to Secretary, U.S. Nuclear Regulatory Commission, Washington, D.C., 20555-0001, ATTN: Rulemakings and Adjudications Staff. Or they may be submitted by email to Rulemaking.Comments@nrc.gov.

Physical Protection of Radioactive Material. The new Part 37 and changes to other parts of 10 CFR contained in the proposed rule incorporate NRC's lessons learned in implementing the increased controls

continued on page 16



SOUTH TEXAS CHAPTER of the HEALTH PHYSICS SOCIETY, INC.

2010 Texas Radiation Regulatory Conference

September 1–4, 2010
Austin, Texas

*CEUs
Awarded
for LMPs,
MRTs, &
ARRTs**

* Number of CEUs awarded will be determined at a later date, dependent upon actual hours of presentations

I It has been three years since Texas licensees and registrants have had the opportunity to meet *en masse* with regulators to hear and discuss what's going on. And while previous conferences have been successful, this year's promises to be even better! Have you registered yet?

Go to www.stc-hps.org for conference & session agendas

disposal; increased controls compliance trends; and, of course, updates on Texas state agencies' regulations and policies. And, we have allotted special time for "Ask Your Regulator"—a panel of your regulators will be answering your questions!

The X-Ray Service Providers' Special Session on Friday afternoon is designed for independent service organizations that provide equipment performance evaluation services to dentists, podiatrists, and veterinarians. Saturday's Mammography Special Session will feature Dr. Debra Monticciolo as the keynote speaker and will also serve as the CT and fluoroscopy rule initiatives stakeholder's meeting.

On top of all the information that will be presented, there will be other activities as well. South Texas Chapter Affiliates (vendors) will be presenting their products and services during the conference. On Wednesday, September 1, we

will host a reception from 4–6 p.m. (with registration desk open), and the hotel shuttle will provide free service to and from the 6th Street entertainment district from 6–11 p.m. Thursday evening will be the dinner banquet (included in conference registration) with our special guest speaker Dr. Dale Klein, former NRC Chairman. You won't want to miss it!

Go to www.stc-hps.org for registration and payment, hotel information and reservations, and agendas for the conference and special sessions.

NOTE: We have a limited number of hotel rooms available at the Doubletree Hotel for a special rate through **August 15** (or until they are all gone, whichever comes first) and you get pre-registration rates for the conference and special session by registering before **August 25**. Don't wait – register and make your hotel reservations early!



Information important to Radiation Safety Officers (RSOs), users of radiation, and other radiation safety staff will be presented.

Hotel registration deadline is **August 15, 2010**

STC Meeting pre-registration deadline is August 25, 2010

Presentation highlights include guest speaker Lynne Fairobent, AAPM, speaking on medical events from RAM and machine-generated radiations; presentations from the NRC on their initiatives, changes in radiation protection standards, National Source Tracking System, and Off-site Source Recovery Project; radioactive waste management and

Go to www.stc-hps.org for agendas for the 2010 Texas Radiation Regulatory Conference, X-Ray Service Provider Session, and Mammography Session.

2010 Texas Radiation Regulatory Conference

X-Ray Service Provider Session • Mammography Session • Dinner Only

Registration

September 1–4, 2010

Doubletree® Hotel Austin • 6505 IH-35 North
Austin, Texas 78752-4346 • Phone: (512) 454-3737 or 1-800-222-TREE

Hotel registration deadline is **August 15, 2010**

STC Meeting pre-registration deadline is August 25, 2010

Registration form (Please complete a registration form for each member or guest attending the meeting.)

Name _____

Company _____ Phone _____

Address _____ City _____ State _____ Zip _____

Email address _____

Regulatory Conference: Includes Dinner Banquet

(Attendance limited to 400)

- | | |
|---|-------|
| <input type="checkbox"/> Pre-registration | \$125 |
| <input type="checkbox"/> Pre-registration with X-Ray Service Provider Session | \$150 |
| <input type="checkbox"/> Pre-registration with Mammography Session | \$175 |
| <input type="checkbox"/> Registration after August 25, 2010 | \$150 |
| <input type="checkbox"/> Registration with X-Ray Provider Session | \$190 |
| <input type="checkbox"/> Registration with Mammography Session | \$215 |
| <input type="checkbox"/> I will be attending dinner banquet | |
| <input type="checkbox"/> I will NOT be attending dinner banquet | |

X-Ray Service Provider Session Only:

(Attendance limited to 75)

- | | |
|---|------|
| <input type="checkbox"/> Pre-registration | \$50 |
| <input type="checkbox"/> Registration after August 25, 2010 | \$75 |

Mammography Session Only:

(Attendance limited to 200)

- | | |
|---|-------|
| <input type="checkbox"/> Pre-registration | \$75 |
| <input type="checkbox"/> Registration after August 25, 2010 | \$100 |

Dinner Banquet Only:

- | | |
|---|------|
| <input type="checkbox"/> Dinner Banquet only (spouses, guests, etc) | \$45 |
|---|------|

CEUs: I am requesting the following CEU certificate(s):

- LMP MRT ARRT

Dietary Request: Vegetarian Plate(s)

Register and pay online at www.stc-hps.org. It's simple...and secure!

Or mail this completed **registration form** with your check or credit card information (VISA®/MasterCard®/American Express®/Discover®) made payable to STC-HPS to arrive before August 25, 2010, to: STC-HPS • PO Box 201723 • Austin, TX 78729-2209

Card Number _____ Expiration date _____ Signature _____

Pre-registration will close August 25, 2010. If you will not be able to attend the meeting, please call and cancel your registration **PRIOR TO AUGUST 25, 2010**. Any registrations not cancelled by August 25, 2010, will be regarded as confirmed registrations and funds will be collected for the meeting. Refunds will be honored only for cancellations made before August 25, 2010. Onsite (at-the-door) registration cannot be guaranteed and will be the post-August 25, 2010, registration fee plus \$25, if space is available. If mailing in your registration/payment, be sure they are mailed to arrive before the appropriate registration deadline.

2010 Texas Radiation Regulatory Conference Directions & Accommodations

Doubletree® Hotel Austin • 6505 IH-35 North
Austin, Texas 78752-4346 • Phone: (512) 454-3737 or 1-800-222-TREE
Specify Group Code "RRC"

T

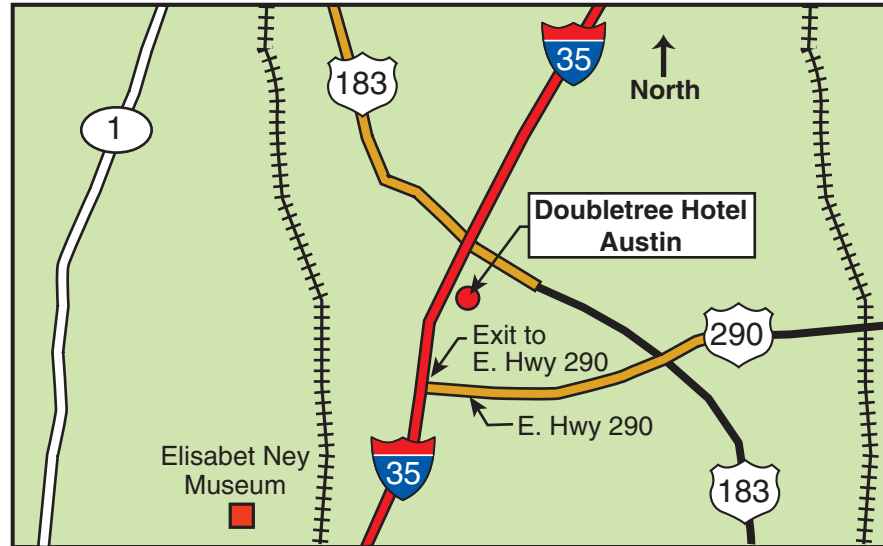
The Doubletree Hotel is located directly off the IH-35 northbound access road in Austin.

From the South

- Take the St. John's exit.
- The Doubletree will be on the access road on the right.

From the North

- Take the 290 East exit.
- Take the turnaround to the northbound access road.
- The Doubletree will be on the right.



A

A limited number of rooms have been reserved until August 15, 2010 for the nights of September 1-3, 2010, at the rate of \$115 (single) and \$135 (double). To secure these rates, visit the special Doubletree reservations page or call the reservation telephone number listed above and specify the **Group Code "RRC."** After August 15, 2010, reservations will continue to be honored based strictly on room availability; however, extension of the \$115 rate may not be available. Therefore, **make your reservations early!**

Doubletree amenities include:

Room Features

- Cable TV with pay-per-view movies, Nintendo®, Web-TV, and complimentary HBO®
- Rooms available with Sweet Dreams® by Doubletree sleep experience
- High-speed Internet access (fee) with, remote printing capability
- Sweet Dreams alarm clock radio with MP3 connections
- Coffee makers with complimentary coffee and tea
- Individual climate control
- Electronic door locks
- USA Today® delivered each weekday morning
- Two telephones with dataports and voicemail

Facilities

- Complimentary high-speed wireless Internet access in lobby, restaurant, and lounge
- Outdoor swimming pool and whirlpool
- Fitness Center
- Parking rate reduced from \$8/day to \$4/day
- Room service
- Gift shop
- Courtyard lounge and café

The SOUTH TEXAS CHAPTER of the HEALTH PHYSICS SOCIETY, INC.
welcomes our

NEW MEMBERS & APPLICANTS



Bryan Bittner
*Texas State Technical
College - Waco
Student*

John Bliss
*Los Alamos National
Laboratory
Regular*

Tom Cardwell
*Cardwell's Radiation
Consulting
Regular*

Richard Charles
*Texas State Technical
College - Waco
Student*

Christopher Cherry
*Scott & White
Memorial Hospital
Regular*

Jessicca Clements
*Texas Health Presbyterian
Hospital - Dallas
Regular*

Quiton Crocker
*Texas State Technical
College - Waco
Student*

Kevin Dugan
*Texas A&M University
Nuclear Science Center
Student*

Eloura Durkee
*Texas A&M University
Student*

Jim Keasbey
*Ametek
Regular*

Joshua Loucks
*Texas A&M University
Student*

Fizza Mahdi
*Williams
High School
Science Fair Winner*

Alan McArthur
*ALMAC
Environmental Services
Affiliate*

Jeremy Northum
*Texas A&M University
Student*

Robin Phillips
*Texas A&M University
Student*

Mark Randolph
*The Delphi
Groupe, Inc.
Regular*

Harvey Richey IV
*The University of
Texas - Arlington
Regular*

Claire Rowan
*Murchison
Middle School
Science Fair Winner*

Edward Selig
*Advocates for Responsible
Disposal in Texas (ARDT)
Affiliate*

Benjamin Sirknen
*Ameriphysics, LLC
Affiliate*

Frank Starkey
*ALMAC
Environmental Services
Regular*

David Stephenson
*University of Texas
Medical Branch
Regular*

Doug Van Cleef
*Ortec - Advanced
Measurement Technology
Affiliate*

Sudha Verma
Science Fair Winner

Gordon Williams
*South Texas Project
Regular*

Ellen Zhou
*Clear Brook High School
Science Fair Winner*



We wish them well in all their endeavors and especially hope that their association with the South Texas Chapter will be long and mutually rewarding!



CRCPD to Pilot Tracking System for Machine-Based Radiation Medical Events

(Reprinted with permission from the CRCPD website: <http://www.crcpd.org>)

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The Conference of Radiation Control Program Directors (CRCPD), a national nongovernmental professional organization dedicated to radiation protection, has identified medical radiation overexposures and misadministration as an important issue. Recent articles in the press, such as those in the following links, have brought medical events involving radiation machines to the public's attention:

www.nytimes.com/2010/01/27/us/27radiation.html

www.nytimes.com/2010/01/24/health/24radiation.html

However, for the past several years, CRCPD members had become concerned that such events should be reported, investigated, and tracked. The CRCPD's Suggested State Regulations for Control of Radiation Part X on Medical Therapy contains a provision that requires the reporting of therapy misadministrations. In addition, the feasibility of a national database of such events was discussed at the CRCPD Business Meeting during the May 2009 National Conference on Radiation Control.

Although the overall benefit and safety record for radiation therapy and other radiation procedures is quite high, errors in administration should be tracked for causes and trends. The CRCPD is in the process of staffing a committee to develop a pilot project to collect data on radiation machine-based events from state radiation control programs that will take into account states' differences in laws/regulations regarding reporting and confidentiality.

The charges of the Committee are as follows:

1. Develop a definition of reportable events to include radiation therapy using linear accelerators and e-brachytherapy technology, as well as high dose diagnostic procedures such as computed tomography (CT) and fluoroscopy.
2. Develop/maintain a format and mechanism for state programs to provide the committee with details of reportable events.
3. Review submitted reports for completeness and accuracy and develop notices to the state programs when necessary.
4. Oversee the development and maintenance of a CRCPD database of reportable events.
5. Prepare an annual summary report for the CRCPD Board and the *Newsbrief*.
6. Provide a verbal report at the Annual Meeting.

The data reporting will be done on a voluntary basis and will be used to inform and educate interested parties on trends, root causes, and methods for improvement.



U.S. Nuclear Regulatory Commission *continued from page 11*

security measures, as well as stakeholder input on proposed language for the new rule. Codifying these requirements in NRC's regulations will enhance consistency of implementation as well as transparency and predictability of NRC's oversight of radioactive material security. The preliminary draft rule language can be viewed and downloaded electronically via the Federal eRulemaking Portal at www.regulations.gov by searching for Docket ID NRC-2008-0120. Public comments will be accepted through **October 13, 2010**. Comments may be submitted over the federal government's rulemakings Web site at www.regulations.gov, using

Docket ID NRC-2008-0120. They may also be sent to Secretary, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, ATTN: Rulemakings and Adjudications Staff; or emailed to Rulemaking.Comments@nrc.gov.

Protection of Cesium Chloride Radiation Sources. Widely used in blood irradiation, biomedical and industrial research, instrument calibration, and dosimetry, cesium chloride sources have received special attention because the cesium chloride powder is highly soluble and dispersible, presenting security concerns that the sources could be used by terrorists in a radiological

dispersal device or "dirty bomb." The draft policy can be viewed and downloaded electronically via the Federal eRulemaking Portal at www.regulations.gov by searching for Docket ID NRC-2010-0209. Public comments on the draft policy statement will be accepted through **December 17, 2010**. Comments may be submitted through the federal government's rulemaking Web site, www.regulations.gov, using Docket ID NRC-2010-0209, or by mail to Cindy Bladey, Chief, Rules, Announcements and Directives Branch, Office of Administration, MS: TWB-5 B1M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.



Department of State Health Services (DSHS) Second Quarter 2010 Program Report to the Texas Radiation Advisory Board

May 1, 2010

General Program Information Radiation Safety Licensing Branch

The Nuclear Regulatory Commission (NRC) conducted its periodic audit of the radioactive materials program during the week of February 22. The audit, formally called the Integrated Materials Performance Evaluation Program (IMPEP), reviewed the five common performance indicators (technical staffing and training, status of materials inspection program, technical quality of inspections, technical quality of licensing actions, and technical quality of incident and allegation activities) as well as two non-common performance indicators (compatibility requirements and sealed source and device evaluation program). The draft finding by the review team is that the Texas Agreement State program is adequate to protect health and safety and compatible with the NRC's regulatory program. The NRC Management Review Board will review the team's findings and make a final determination on May 19, 2010. The department still is under a hiring freeze and a proposed five percent reduction in funding. Positions may only be posted for hiring after a justification is approved on a case-by-case basis.

More detailed information about the following programs is available at the STC-HPS Web site:

- Radioactive Material Licensing Group
- Radiation Machine Source Group
- Radiation Policy, Standards, and Quality Assurance Group

Radiation Inspections Branch

Alice Hamilton Rogers, PE, has been named as Manager, Radiation Inspections Branch of the DSHS. Ms. Rogers has a Bachelor of Science in Chemical Engineering from The University of Texas at Austin, and has worked in various solid waste programs at the Texas Department of Water Resources, the Texas Water Commission, and the Texas Natural Resource Conservation Commission from 1983–2001. Positions she held include hazardous and solid waste permit writer, enforcement coordinator, and technical specialist. She was supervisor of the Underground Injection Control, Uranium, and Radioactive Waste Section for 8 years. Since transferring to the then Texas Department of Health, she's served in the radiation control program as enforcement coordinator, Director of the Division of Compliance and Inspection (when it was the Bureau of Radiation Control). After the reorganization into the DSHS, she was the Inspection Unit Manager for 5 years, and now is the Radiation Inspections Branch Manager. The Radiation Inspections Branch includes radioactive materials, x-ray, mammography, and laser

inspections and investigations, radiological emergency response, and radiological environmental monitoring. Ms. Rogers has been an officer of the Organization of Agreement States, and is now Chair-Elect of the CRCPD. Alice is a native of Austin, Texas, and is married to Louis Rogers (a manager of project managers at Austin Energy); they have two children, Eleanor, a midshipman at the US Merchant Marine Academy, and Hamilton, a student in the culinary arts program at Austin Community College.

More detailed information about the following programs is available at the STC-HPS Web site:

- Radioactive Material Inspections Group
- X-Ray Inspections Group
- Environmental Monitoring Group
 - o Incident Investigation Group
 - o South Texas Project
 - o Comanche Peak Nuclear Power Plant
 - o Waste Isolation Pilot Plant
- Mammography Inspections Group

Texas Commission on Environmental Quality Program Report to the Texas Radiation Advisory Board May 1, 2010, Meeting

Low-level radioactive waste disposal: on September 10, 2009, the executive director of the Texas Commission on Environmental Quality (TCEQ) signed and issued to Waste Control Specialists, LLC (WCS), the license that authorizes the near-surface disposal of Class A, B, and C low-level radioactive waste from the Texas Compact and federal facility mixed low-level radioactive waste from the federal government. There are several preconstruction conditions currently being reviewed by TCEQ under a pending amendment application and a requirement for TCEQ written approval prior to the commencement of major construction that is also currently under consideration. TCEQ staff met with the licensee and representatives of utility waste generators to discuss the rate application package, which will establish fees for the Texas Compact Facility. WCS was expected to file a rate application package with TCEQ in April 2010.

More detailed information about the following programs is available at the STC-HPS Web site:

- By-Product Material Disposal
- Uranium Mining
- Waste Processing and Storage
- Buried Waste
- MOUs





NRC NEWS
U.S. NUCLEAR REGULATORY COMMISSION
Office of Public Affairs
Telephone: 301-415-8200
Washington, D.C. 20555-0001
Email: opa.resource@nrc.gov
Site: www.nrc.gov

NRC Awards Nuclear Education Grants

No. 10-085 • May 10, 2010


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The Nuclear Regulatory Commission (NRC) has awarded \$15 million to 59 institutions to boost nuclear education and expand the workforce in nuclear safety and nuclear-related disciplines. Congress provided NRC these funds for scholarships and fellowships, faculty development, trade schools, and community colleges, with \$5 million designated for NRC's part of the Integrated University Program. The Integrated University Program funds are coordinated and awarded through the NRC, Department of Energy, and National Nuclear Security Administration to support multi-year research projects that do not align with programmatic missions but are critical to maintaining nuclear engineering and science.

The NRC awarded 59 grants for scholarships (\$1.7 million), fellowships (\$4.8 million), faculty development (\$6.3 million), and trade and community college scholarships (\$2.2 million). Recipients are located in 29 states and Puerto Rico.

Grant proposals were reviewed against specific criteria by a panel composed of senior NRC staff and qualified outside reviewers. The panel composition was diverse with most reviewers having both experience reviewing proposals for government agencies and advanced credentials in nuclear engineering, health physics, radiochemistry, or related disciplines. Each panelist had to certify that they did not have any conflicts of interest for the proposals they evaluated.

The contacts for more information about these grants are as follows. Technical questions should be directed to John Gutteridge, 301-492-2313, located in the Office of Human Resources. Administrative questions should be directed to Sheila Bumpass, 301-492-3484, in the Division of Contracts.

The complete list of grants follows; additional details will be posted on the NRC's Web site at www.nrc.gov/about-nrc/grants/awards.html. In addition, a copy of the NRC Grant Award documents will be made available publicly in the NRC Agencywide Documents Access and Management System (ADAMS) through the NRC Web site at www.nrc.gov/reading-rm/adams.html. Help in using ADAMS is available from the NRC Public Document Room at 301-415-4737 or 800-397-4209. 

NRC Grant Awards Recommended Fiscal Year 2010 \$15M Nuclear Education Grants

Trade School and Community College Scholarships

Aiken Technical College, Graniteville, South Carolina	\$ 53,000
Brazosport College, Lake Jackson, Texas	\$120,000
Central Piedmont Community College, Charlotte, North Carolina	\$120,000
Columbia Basin Community College, Pasco, Washington	\$120,000
College of Southern Maryland, La Plata, Maryland	\$130,654
Dakota County Technical College, Rosemont, Minnesota	\$107,000
Delaware County Community College, Media, Pennsylvania	\$ 90,000
Florence-Darlington Technical College, Florence, South Carolina	\$150,000
Idaho State University, Pocatello, Idaho	\$ 89,000
Indian River State College, Fort Pierce, Florida	\$ 90,000
Lake Michigan College, Benton Harbor, Michigan	\$ 90,000
Lakeshore Technical College, Cleveland, Wisconsin	\$149,472
Linn State Technical College, Linn, Missouri	\$150,000
Midlands Technical College, Columbia, South Carolina	\$150,000
MiraCosta Technical College, Oceanside, California	\$150,000
New Mexico Junior College, Hobbs, New Mexico	\$ 78,000
Ridgewater College, Wilmar, Minnesota	\$ 90,000
St. Cloud Technical College, St. Cloud, Minnesota	\$110,000
Wharton County Junior College, Wharton, Texas	\$120,000
SUBTOTAL	\$2,157,126

Scholarship Grants

Florida Memorial University, Miami Gardens, Florida	\$199,928
Georgia Institute of Technology, Atlanta, Georgia	\$200,000
Idaho State University, Pocatello, Idaho	\$172,150
Missouri University of Science & Technology, Rolla, Missouri	\$100,000
Polytechnic Institute of New York University, Brooklyn, New York	\$129,600
Prairie View A&M University, Prairie View, Texas	\$199,962
Southern Polytechnic State University, Marietta, Georgia	\$200,000
University of Illinois at Urbana-Champaign, Urbana, Illinois	\$200,000
University of Michigan, Ann Arbor, Michigan	\$200,000
University of Rhode Island, Kingston, Rhode Island	\$100,000
SUBTOTAL	\$1,701,640

Fellowship Grants

Colorado School of Mines, Golden, Colorado	\$368,425
Colorado State University, Fort Collins, Colorado	\$358,771
Ohio State University, Columbus, Ohio	\$200,000
Pennsylvania State University, University Park, Pennsylvania	\$386,156
Purdue University, West Lafayette, Indiana	\$395,200
Rensselaer Polytechnic Institute, Troy, New York	\$400,000
University of California-Berkeley, Berkeley, California	\$200,000
University of Idaho, Moscow, Idaho	\$200,000
University of Massachusetts-Lowell, Lowell, Massachusetts	\$400,000
University of Missouri-Columbia, Columbia, Missouri	\$399,993
University of Nevada-Reno, Reno, Nevada	\$399,997
University of South Carolina, Columbia, South Carolina	\$381,016
University of Wisconsin-Madison, Madison, Wisconsin	\$370,849
Vanderbilt University, Nashville, Tennessee	\$399,976
SUBTOTAL	\$4,860,383

Faculty Development Grants

Clemson University, Clemson, South Carolina	\$400,000
Drexel University, Philadelphia, Pennsylvania	\$448,811
Kansas State University, Manhattan, Kansas	\$345,000
Louisiana State University, Baton Rouge, Louisiana	\$450,000
Missouri University of Science and Technology, Rolla, Missouri	\$449,605
North Carolina State University, Raleigh, North Carolina	\$450,000
Texas A&M University, College Station, Texas	\$375,000
Texas Southern University, Houston, Texas	\$162,342
The Ohio State University, Columbus, Ohio	\$450,000
University of Florida, Gainesville, Florida	\$450,000
University of Pittsburgh, Pittsburgh, Pennsylvania	\$450,000
University of Puerto Rico-Mayaguez, Mayaguez, Puerto Rico	\$352,685
University of Tennessee, Knoxville, Tennessee	\$316,578
University of Texas-Austin, Austin, Texas	\$430,830
University of Utah, Salt Lake City, Utah	\$300,000
Virginia Commonwealth University, Richmond, Virginia	\$450,000
SUBTOTAL	\$6,280,851

TOTAL \$15,000,000

News releases are available through a free listserv subscription at the following Web address: www.nrc.gov/public-involve/listserver.html. The NRC homepage at www.nrc.gov also offers a SUBSCRIBE link. Email notifications are sent to subscribers when news releases are posted to NRC's Web site.

SAVE TIME & MONEY Get your issue of *The Billet STC Newsletter* the E-WAY!
UPDATE your contact information on the STC-HPS Web site.

SOUTH TEXAS CHAPTER *of the* HEALTH PHYSICS SOCIETY, INC.

Member Renewal/Application

Form available online at www.stc-hps.org

Please print – Information is used for mailing labels and directory listing.

Name _____ Title _____
(First Middle or Initial-Optional Last) (PhD, MS, CHP, NRRPT, etc.)

RENEWALS: Check and update your CONTACT information in the STC online directory at www.hpschapters.org/stc/login.php3. Then submit this form with just your name, payment, and other choices below and sign here: _____
New members, please complete the entire form.

Business name _____ Business dept. _____
Provide business name and check if address given is Bus. or Home

Street _____ Apt./PO Box# _____

City _____ State _____ Zip code _____ Omit address from Directory

Phone _____ Type of phone Bus. Home Mobile Omit from Directory

Fax _____ Type of fax Bus. Home Omit from Directory

Email _____ Omit from Directory

Alternate Email _____ Not for Directory, only to be used by STC if primary email fails

- Yes, I am a National HPS member. I only want **The Billet STC Newsletter electronically**
 Yes, I am a certified health physicist. *THIS INFORMATION CAN BE UPDATED ONLINE*
 Yes, I am a registered radiation protection technologist.
 Other

Please check the STC-HPS committee(s) on which you would like to actively serve.

- Nominating Meeting Program Admissions (Membership) Publications
 Legislation Public Relations Affiliate Other/Ad Hoc
 Student Assistance Science Teacher Workshop

Enclosed is my check # _____ made payable to the STC-HPS for the following:

STC-HPS dues for the year:

Regular membership:	\$10/yr × _____ Years	= \$ _____
Student membership:	\$ 5/yr × _____ Years	= \$ _____
Student Scholarship Fund donation (tax deductible)		= \$ _____
Science Teachers Workshop donation (tax deductible)		= \$ _____
Total Enclosed		= \$ _____

Please complete and mail this form with your check or money order (payable to STC-HPS) to:

STC-HPS Treasurer • PO Box 201723 • Austin, TX 78720-1723

To pay by major credit card (VISA®/MasterCard®/American Express®/Discover®), transmit your credit card number, expiration date, and payment authorization to the STC-HPS treasurer, using one of the following methods:

- Email it to pete.myers6@sbcglobal.net
 Telephone it to Pete Myers at 512-301-1182
 Include it on the Member Renewal/Application form (below)

Number _____ Expiration date _____ Signature _____

SOUTH TEXAS CHAPTER *of the* HEALTH PHYSICS SOCIETY, INC.

Affiliate Renewal/Application

Form available online at www.stc-hps.org

Affiliate contact person (*one free individual membership*)

Please print – Information is used for mailing labels and directory listing, and will appear in the STC Newsletter and on the chapter Web site at www.stc-hps.org

Company name _____

Contact person's name _____

Company mailing address _____

Street address _____

City _____ State _____ Zip code _____

Work phone _____ Fax _____

Email _____

Company Web site _____

Alternate contact person (*optional*)

Company name _____

Alternate contact person's name _____

Company mailing address _____

Street address _____

City _____ State _____ Zip code _____

Work phone _____ Fax _____

Email _____

Membership & dues information

Chapter President Karen Blanchard extends a personal invitation to you to become (or remain) a chapter Affiliate and participate in the Annual Affiliates Fair as well as all activities of the chapter throughout the year.

Affiliate membership includes an advertisement in the STC-HPS Membership Directory, exhibit space at the Affiliates Fair, one individual chapter membership, a company Web site link from the STC-HPS Web site, and a listing on the Affiliate Membership Roster printed in all issues of *The Billet STC Newsletter* (an STC-HPS quarterly newsletter).

Affiliate Annual Membership Dues \$150.00

Please complete and mail this form with your check or money order (payable to STC-HPS) to:
STC-HPS Treasurer • PO Box 201723 • Austin, TX 78720-1723

To pay by major credit card (VISA®/MasterCard®/American Express®/Discover®), transmit your credit card number, expiration date, and payment authorization to the STC-HPS treasurer, using one of the following methods:

- Email it to pete.myers6@sbcglobal.net
- Telephone it to Pete Myers at 512-301-1182
- Include it on the Affiliate Renewal/Application form (below)

Number _____ Expiration date _____ Signature _____

Contact information for Affiliate-related questions, comments, or address corrections

STC-HPS Affiliates Committee Chair • William Pate • UTHSCSA, Environmental Health & Safety • 7703 Floyd Curl Drive • San Antonio, TX 78229 • E: patew@uthscsa.edu • T: 210-567-2955

SOUTH TEXAS CHAPTER *of the* HEALTH PHYSICS SOCIETY, INC.

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The Affiliates of the South Texas Chapter (STC) are listed below. Our Affiliates help support our Chapter functions, and we should support them. They contribute substantially to the STC, and each should be thanked by our considering their products or services first. Also, tell them we sent you.

Affiliates: Please review your listing below and email any corrections to patew@uthscsa.edu

<p>ADCO Services Len Warbiany 17650 Duvan Drive Tinley Park, IL 60477 WEB: www.adcoservices.com E: lenw@adcoservices.com T: 708-429-1660 F: 708-429-9759</p>	<p>Advanced Measurement Technology, Inc. (Ortec) Barry Wilson 7820 Enchanted Hills Blvd Suite A269 Rio Rancho, NM 87144 WEB: www.ortec-online.com E: barry.wilson@ametek.com T/F: 505-867-7665</p>	<p>ALMAC Environmental Services Alan McArthur 809 Balmoral Ct. Friendswood, TX 77546 WEB: www.almaces.com/ E: almac@almaces.com T: 281-648-2088</p>
<p>Advocates for Responsible Disposal in Texas (ARDT) Eddie Selig PO Box 26586 Austin, TX 78755-0586 WEB: www.ardt.org E: eselig@ardt.org T: 512-391-0400 F: 512-391-0602</p>	<p>Ameriphysics, LLC Tom Hansen 11634 Turkey Creek Road Knoxville, TN 37934 WEB: www.ameriphysics.com E: tom@ameriphysics.com T: 865-228-1997 (Tom) T: 865-654-9200 (Office) F: 865-531-0092</p>	<p>Atomic Energy Industrial Laboratories (AEIL) of the Southwest, Inc. Steven H. Allen 9261 Kirby Drive Houston, TX 77054-2514 WEB: www.aeil.com E: shallen@aeil.com T: 877-866-AEIL (toll-free) T: 713-790-9719 F: 713-790-0542</p>
<p>Bionomics, Inc. John McCormick Post Office Box 817 Kingston, TN 37763 WEB: www.bionomics-inc.com E: bionomicsjohn@comcast.net T: 865-220-8501 F: 865-220-8532</p>	<p>Canberra Industries, Inc. John Lejeune 4428 Stone Mountain Drive Fort Worth, TX 76123 WEB: www.canberra.com E: jlejeune@canberra.com T: 817-423-9633 C: 817-584-0323</p>	<p>Chase Environmental Group John O'Neil 109 Flint Road Oak Ridge, TN 37830 WEB: www.chaseenv.com E: joneil@chaseenv.com T: 865-481-8801</p>
<p>Earth Tech AECOM Carl Forbes 8005 Outer Circle Road Brooks City-Base, TX 78235 WEB: www.aecom.com E: carl.forbes@earthtech.com T: 210-271-0925 F: 210-271-3061</p>	<p>F&J Specialty Products, Inc. Frank Gavila 404 Cypress Road Ocala, FL 34472 WEB: www.fjspecialty.com E: fandj@fjspecialty.com T: 352-680-1177 F: 352-680-1454</p>	<p>ISO-TEX Diagnostics, Inc. Tom Maloney Post Office Box 909 Friendswood, TX 77546 WEB: www.isotexdiagnostics.com/main.htm E: isotex@aol.com T: 281-482-1231 F: 281-482-1070</p>
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Poston continued from page 1

timely, uniform, and adequate compensation for employees or their survivors who have suffered from illnesses incurred while working for the Department of Energy or its contractors.

"The Advisory Board on Radiation and Worker Health advises the Secretary of HHS about which employees at nuclear facilities can be considered for compensation in the event of radiation exposure and also oversees all aspects of

the compensation program," Poston said. "Other members of the board include physicians, academics, labor representatives, representatives of nuclear engineering and health physics, as well as industrial hygienists and epidemiologists," he added.

Poston has been at Texas A&M since 1985 and previously served as head of the Department of Nuclear Engineering. 

**CHANGING YOUR ADDRESS? CHANGING office? Home? Phone?
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Check www.stc-hps.org for a color copy of *The Billet STC Newsletter*.

FUTURE *Meetings & Deadlines*

Date	Location	Topic	Newsletter Deadline
September 1–4, 2010	Austin, TX	Texas Radiation Regulatory Conference	NA
January 14–15, 2011	San Antonio, TX	Nuclear Power	November 5, 2010
February 6–9, 2011	Charleston, SC	2011 Midyear	NA
April 2011	Waco, TX	Student Presentations & Annual Business Meeting	February 4, 2011
June 12–16, 2011	Palm Beach, FL	National HPS 56 th Annual Meeting	NA

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