



THE NEWSLETTER OF THE STC

THE BILLET

Health Physics Society ♦ South Texas Chapter ♦ Radiation Safety Specialists

Susan Jablonski Selected for HPS 2009 Elda E. Anderson Award

Pete and Karen Myers



Susan Jablonski with daughter, Natalie and son, Nathaniel.

It is with great pleasure and pride we inform you that our own Susan Jablonski, MS, PE, a South Texas Chapter (STC) member since 1992, has been selected as the 2009 winner of the prestigious Health Physics Society (HPS) Elda E. Anderson award. Each year, the Elda E. Anderson award is presented to one young member of the Health Physics Society (under the age of 40) to recognize excellence in (1) research or development, (2) discovery or invention, (3) devotion to health physics, and/or (4) significant contributions to the profession of health physics. The award will be presented to Susan at the HPS Awards Banquet on July 14 at the Hilton Minneapolis Ballroom in conjunction with the

Continued on page 10.

STC Presents Special Awards for Radiation-Related Projects to 10 Students at 4 Science Fairs

Pete and Karen Myers

Representatives from the South Texas Chapter of the Health Physics Society (STC-HPS) judged the Science and Engineering Fairs in Austin, Houston, San Antonio, and Waco during February and March of 2009. After reviewing thousands of abstracts and projects at the fairs, the STC judges narrowed the projects down to those with radiation or radiation-safety related themes and awarded Special STC Awards for the best radiation-related projects. Each award winner received a plaque, a *Chart of the Nuclides* book, and a congratulatory letter signed by Linda Morris, STC-HPS Student Assistance Committee Chair, offering them

complimentary student membership in the Chapter for one year. The judging was tough with some outstanding projects. After some lengthy deliberations, winners were picked in various categories



Wesley Williams

(e.g., Senior, Senior Team, Junior, and Ninth-Grade Team). The students were well prepared and knowledgeable in their project areas and are congratulated for their good work. The winners are:

Alamo Regional Science Fair (San Antonio Area) (Judges: John Hageman and Jim Lewis)

Senior Category: **Wesley Williams**, Health Careers High School, "Interaction of Androgen Ablation and Radiation in the Treatment of Prostrate Cancer Cells." Wesley's project was his continuing research on the syn-



Drew Schaffer

ergistic effects of hormones and radiation to stop prostate cancer cells in-vitro. He was very knowledgeable about the use of radiation to treat cancer and will most likely enter a career in a related area of medicine.

Junior Category: **Drew Schaffer**, Keystone School, "Effects of Non-Ionizing

Continued on page 4.

THE BILLET**President**

John "Jay" W. Poston Jr.
Friendswood 713-745-6852
JayPoston@comcast.net
JPoston@mdanderson.org

President-Elect

Stan Bravenec
VA Medical Center
Houston 713-794-7188
josephs.braveneciii@med.va.gov

Past-President

Martin Meltz
Kerrville 210-872-2275
martinmeltz@yahoo.com

Secretary

Jennifer A. Watson
UTHSCSA, Environmental
Health & Safety
San Antonio 210-567-2960
watsonj@uthscsa.edu

Treasurer

David Fogle
TDSHS
Austin 512-834-6688 x2203
David.Fogle@dshs.state.tx.us

Treasurer-Elect

VACANT

Board Members

Karen Blanchard (06-09)
TDSHS
Austin 512-834-6688 x2206
Karen.Blanchard@dshs.state.tx.us

Douglas A. Johnson (07-10)
TAMU
College Station 979-458-4337
dougjohnson@tamu.edu

John C. White (08-11)
Univ. of Texas Sw Medical Center
Plano 214-645-8340
john.white@utsouthwestern.edu
radjcw@hotmail.com

Editor

John P. Hageman
Southwest Research Institute®
San Antonio 210-522-2633
STCEditor@swri.org

Managing Editor

Alana Woods
Southwest Research Institute
San Antonio 210-522-3760

Associate Technical Editor

Susan Jablonski
TCEQ
Austin 512-239-6731
SJABLONS@tceq.state.tx.us

Graphic Designer

Jean Fox
Southwest Research Institute
San Antonio 210-522-2839

The Billet is sponsored by the South Texas Chapter Affiliates and is printed as a courtesy by Southwest Research Institute in San Antonio. Web Site: www.stc-hps.org/billet.htm

Texas Radiation Advisory Board (TRAB)

Pete and Karen Myers

TRAB's most recent meeting was held from 9:00 a.m. to 12:00 p.m. on February 28, 2009, at the Department of State Health Services' (DSHS) Moreton Building, in Austin. During the TRAB meeting:

- ♦ The TRAB Chair transferred from Mike Ford, CHP, HPS '86, (Pantex, Amarillo, TX) to Kim Howard, MD (Longview, TX); Dr. Howard had been TRAB's Medical Committee Chairperson.
- ♦ (Rick) Lawrence R. Jacobi, Jr., P.E., J.D., HPS '78, STC-HPS '73, it's just "Rick" to his friends, (STC-HPS, Austin, TX) was elected Vice Chairperson of the TRAB.
- ♦ With the Texas Legislature in session, the TRAB discussed approving several resolutions documenting their concerns regarding the need for each state agency regulating aspects of radiation to be adequately resourced. The resolutions would be sent to the Governor's Office, to Legislators known to be interested in radiation-related programs, and to the Legislative Budget Board.
- ♦ The DSHS, Texas Commission on Environmental Quality (TCEQ), & Texas Railroad Commission (RRC) agency program reports were provided. Selected items from each agency's program reports include:
 - DSHS (Radioactive Material Licensing): As of January 1, 2009, the Radioactive Material Licensing Group is fully staffed. Staff worked with the Nuclear Regulatory Commission (NRC) to prepare a final list of Texas licensees possessing Category 1 and 2 radioactive sources for the National Source Tracking System (NSTS) database. The NSTS was to be fully operational by January 31, 2009. The DSHS staff is working through data access issues and hopes to have necessary staff authorized and trained as soon as the system is operational. The staff is aware of the need to react quickly to possible business closures due to the economic downturn. Response and follow-up times to certain licensing actions have been shortened in an attempt to limit business closure-related problems.
 - DSHS: (Machine Source Registration/Certification): The Machine Source Group has one Environmental Specialist IV vacancy. Posting has closed and interviews were conducted on February 19, 2009. The Radiation Machine Source Group received positive feedback from the U.S. Food and Drug Administration (FDA) that the DSHS is meeting the Mammography Certifying Body Performance Measures since the implementation of the States as Certifiers program on September 1, 2008.
 - DSHS: (Policy, Standards, & Quality Assurance): Staff are heavily involved in the department's responsibilities during the Legislative session, such as coordinating bill analyses and cost estimates. Staff participated in a Centers for Disease Control (CDC) roundtable discussion in Atlanta. The discussion concentrated on ways to create and maintain a volunteer radiation professionals "corps" to help with radiation emergencies. Additional teleconferences/roundtables will be held as work progresses on this issue. Some rules that may undergo revision in 2009 include:
 - 25 TAC §289.227 to incorporate new fluoroscopy requirements
 - 25 TAC §289.229 to incorporate new requirements for electronic brachytherapy
 - 25 TAC §289.251 to clarify General License Acknowledgement requirements
 - 25 TAC §289.252 to incorporate fingerprinting requirements
 - 25 TAC §289.257 to incorporate statutory language regarding emergency plans
 - DSHS (Mammography Inspections): All inspector positions are filled; no inspections are past due. Notification was received from FDA indicating the Agency met the Certifying Body Performance Measures for the first quarter of 2009. Since September 1, 2008, 289 remote inspections have been issued; 177 of those inspections are closed. Staff are currently waiting on responses from the remaining 112 registrants. The remote inspec-

Continued on page 6.

2009 HPS Midyear Meeting Hosted by STC-HPS a Huge Success

Pete and Karen Myers

How do you spell Midyear Meeting success?



The numbers are in: 610 people attended the 2009 HPS Midyear Meeting, just hosted by STC-HPS, January 31-February 3, 2009. The only recent Midyear Meeting with larger attendance was the 2003 meeting which was attended by 660 persons. Who hosted that meeting? The STC-HPS of course!

2009	San Antonio, TX	610	Recent Advances in Planning & Response to Radiation Emergencies
2008	Oakland, CA	432	Radiation Generating Devices
2007	Knoxville, TN	604	Decontamination, Decommissioning, & Environmental Clean-up
2006	Scottsdale, AZ	411	University, Medical, & Laboratory Health Physics
2005	New Orleans, LA	511	Materials Control & Security
2004	Augusta, GA	523	Air Monitoring & Internal Dosimetry
2003	San Antonio, TX	660	Homeland Security
2002	Orlando, FL	397	Decommissioning & Environmental Restoration

Certainly the topic and the city are important factors that influence meeting attendance, but, other important factors are related to local chapter support for the meeting. The STC-HPS has an enthusiastic group of chapter members who volunteered their time, prior to and during the meeting, to ensure the meeting ran smoothly and efficiently. Also, the meeting's attendees know that their interactions with STC-HPS volunteers will always be met with naturally friendly and helpful attitudes (e.g., Texas hospitality).

The STC-HPS offers its sincere gratitude to everyone who volunteered their time and effort, in any aspect of chapter support, for the meeting, especially to Mike Charlton, STC '94 (UTHSC-SA), and John Salsman, STC '79 (TAMU), who co-chaired the meeting's Local Arrangements Committee; and to Jennifer Watson STC '03 (UTHSC-SA). Mike's and John's contributions went beyond organization and leadership, by conceiving and achieving innovative successes that will likely become the standards for future meetings. Jennifer

went the "extra mile" (actually many extra miles) to ensure everything was done on time and on target.

Given the success of national HPS meetings held in San Antonio, the STC-HPS will likely host another HPS meeting sometime in the years to come—either another Midyear or an Annual Meeting. So take it from this year's volunteers: if you are looking for fun, camaraderie, professional satisfaction, and personal reward, just offer your services and talents to the STC-HPS Local Arrangements Committee. ♦

NRC Announces Opportunity to Participate in Hearing on New Nuclear Reactor Application for South Texas Project Site

Reprinted from the February 20, 2009, issue of NRC News

The Nuclear Regulatory Commission (NRC) today announced the opportunity to participate in the hearing on a Combined License (COL) application for two new reactors at the South Texas Project site near Bay City, Texas.

NRG Energy and South Texas Project Nuclear Operating Company submitted the COL application and associated information Sept. 20, 2007, and updated the application on Jan. 31, 2008, and Sept. 24, 2008. The application seeks approval to build and operate two Advanced Boiling Water Reactors (ABWR) at the site, approximately 12 miles southwest of Bay City. The NRC certified the ABWR design in 1997, and the design is currently in use overseas. The application (minus proprietary- or security-related details) is available on the NRC web site at www.nrc.gov/reactors/new-reactors/col/south-texas-project.html.

The NRC staff determined in November 2007 that the application contained sufficient information for the agency to formally “docket,” or file, the application and begin its technical review. Much of the review was suspended in January 2008, following the applicants’ decision to change reactor vendors, and the application’s Sept. 24, 2008, revision reflected that change. The staff has determined the updated application is sufficient to restart review activities. Restarting the application’s review does not preclude additional requests for information as the review proceeds, nor does it indicate whether the Commission will issue the license. The docket numbers established for this application are 52-012 and 52-013.

The NRC has issued in the *Federal Register* a notice of opportunity to intervene in the proceeding on the application,

Continued on page 10.

Science Fairs *continued from page 1.*

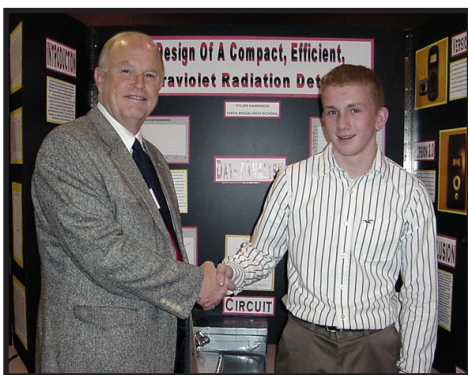
Radiation on E-Coli.” Drew was knowledgeable about both ionizing and non-ionizing radiation and their potential effects on living organisms. He is 14 years old and will likely continue with his research in this or a related area involving radiation effects.

Austin (Judges: Pete Myers and Karen Myers)

Senior Category: **Tyler Harrison**, Senior, Vista Ridge High School, Cedar Park,

built on his 2008 project in which he designed and built a prototype detector. In this year’s project, he was able to reduce the size of the detector to about the size of a hand-held calculator. His goal is to miniaturize the detector to the size of a wrist watch or pendant to be worn by persons with predispositions to developing skin cancers so they can be quickly alerted to high levels of UV radiation and take appropriate action.

Junior Category: **Alex Palermo**, Harmony SS Middle School, “Electron Charge.” Alex replicated the historic Mil-



Pete Myers and Tyler Harrison

“Design of a Compact, Efficient UV Radiation Detector.” Tyler’s project this year

likan oil drop experiment to measure the charge of an electron. Alex built an



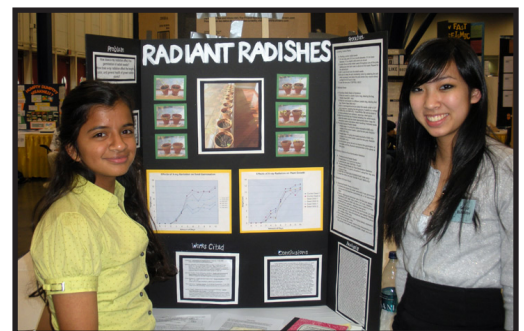
Pete Myers and Alex Palermo

apparatus in which he injected electrostatically charged latex micro-balls between two electrically charged plates. By measuring the electric field between the plates that would exactly counterbalance the gravitational force on the balls, Alex calculated the charge of an electron.

Houston (Judges: Jay Poston and Stan Bravenec)

Senior Team Category: **Cynthia Truong** (right) and **Shashika Rodrigo** (left),

Clear Lake High School, “Radiant Radishes.” Cynthia and Shashika evaluated the growth rates of radishes exposed to x-rays from a computed-tomography unit at various times and radiation doses during the growth cycle. The hypothesis was that the radish sprouts with the highest doses of radiation would have stunted growth. They found that, with a moderate radiation dose, the sprouts actually had better growth! These two future scientists may be well on the way to proving the hormesis theory!



Cynthia Truong (right) and Shashika Rodrigo (left)

BBQ and “Stuffing,” a Recipe for Success

Ken Krieger and Doug Johnson

In preparation for the HPS 2009 Midyear Meeting, many South Texas Chapter (STC) members and several students from the Texas State Technical College, Waco, converged on John Hageman’s home for the pre-meeting gathering to stuff the bags that were given away at the 2009 Midyear Meeting registration. (There were not as many people registered for this meeting as the 2003 meeting, but the turnout was very good.)

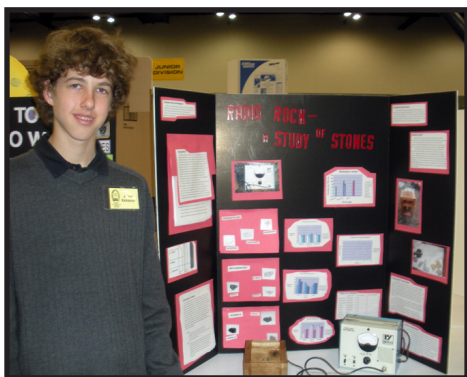
The bags were provided by **Ludlum Measurements, Inc.**, and all were stuffed with good information about the meeting and San Antonio. The house was divided into three stuffing stations,

which made short work of the bags and stuffed materials. Under the watchful eyes of STC Secretary Jennifer Watson,

For images related this story
go to
www.stc-hps.org/photos.htm

(she let Mike Charlton and John Salsman, our Local Arrangements Committee Co-chairs, think they were in charge) about 600 bags were readied in no time at all. The group worked well together to get the job done in about an hour.

After all the bags were stuffed and loaded unto John Hageman’s truck and John Salsman’s car for delivery, the food was brought out. The BBQ (chicken, ribs, brisket, etc.) was very welcome after the grueling task of loading up all the bags. As if that was not enough, dessert included little cream puffs and mini cheesecakes, which were provided by our lovely co-host for the evening, Melissa Hageman. Overall it was a good recipe for work and fun to support the 2009 Midyear Meeting. It seemed the only casualties were some dolly tire marks in the kitchen, some spilt BBQ sauce, and traumatized cats. So, let’s make plans for a Midyear Meeting in 2014! ♦



William Larson

Junior Category: **William Larson**, TH Rogers Middle School, “Radio Rock – A Study of Stones.” William examined the radiation levels in different types of rocks: sedimentary, igneous, and metamorphic. The hypothesis was that igneous rocks would be the most radioactive with sedimentary being the least radioactive. The rocks were evaluated with William’s school Geiger counter. William actually punctured the window of the probe and was able to get the company to fix it at no charge after he explained he was doing a project for the Science Fair.

William had also disassembled and drawn detailed diagrams of the meter in an attempt to fix it himself. We believe William is a Health Physicist in the making!

Ninth Grade Team Category: **Leeland Swanson** (right) and **Sean**

Kim (left), Harmony School of Excellence, “Nuclear Shielding.” Leeland and Sean evaluated the effectiveness of different types of

shielding materials when placed between a detector and a cesium-137 source. The shielding materials were polyethylene, lead, carbon-steel, and an inconel alloy. In addition, they evaluated the principles of time, distance, and shielding by varying the distance and time spent near the source. These two winners had a real grasp on the foundations of the radiation protection principles!



Leeland Swanson (right) and **Sean Kim** (left)

Waco (Judge: Linda Morris)

Junior Category: **Chloe Roberts**, Midway Middle School, “Cell Phones are a Real Headache: Electromagnetic Radiation and Your Health.” She has elected to take advantage



Chloe Roberts and Linda Morris

of our offer for a complimentary one-year student membership to the STC. ♦

The STC thanks each of the judges for their hard work and dedication. The time they spent reviewing abstracts, familiarizing themselves with the science upon which projects were based, and interacting with these young scientists can inspire certain students to continue their good work and, perhaps, become the Health Physicists of tomorrow.

TRAB *continued from page 2.*

- tor position has been posted at salary group B05, with an annual salary of \$29,146. Three qualified applicants have applied for the position.
- **DSHS (X-ray Inspections):** Two vacancies are posted, one in Austin and one in Houston. One inspector has completed the basic and advanced training programs and is now qualified to perform all levels of inspection. Another local television station (CBS 11/Aaron Wische) has shown interest in Laser Hair Removal; Helen Watkins, X-Ray Group Manager, participated in an on-camera interview on February 12, 2009. A previous interview was held in October 2008 with FOX News, and the story ran in November 2008. Inspection of Texas prisons has resumed: because of lockdowns and security measures during a three-month period, these inspections were postponed based on a request from the Texas Department of Corrections.
 - **DSHS (Radioactive Material Inspections):** Currently, there is one vacant inspector position. In December, a position was relocated from Austin to El Paso where it was filled. There are two inspectors-in-training, one in El Paso and one in Houston. The inspector in the Corpus Christi region, hired in June 2008, is now qualified to perform inspections independently. Because of Hurricane Ike, one NRC priority inspection is still delayed due to impacts to the facility. All inspectors will be trained to access and use the new NSTS. Currently the manager and one inspector have received the secure card reader for access to the NSTS. All other inspectors are undergoing the security process for NRC to issue secure cards to them.
 - **DSHS (Incident Investigations):** The staff is continuing the investigation of a contamination incident that occurred at Ludlum Instruments in Sweetwater, Texas. A maintenance technician was assigned to machine 0.400 inches length from what was believed to be a spacer used in a source positioning device. Shortly after the spacer was machined, it was identified as a 90 millicurie cesium-137 (^{137}Cs) source. The facility was isolated and all personnel were evacuated from the building. The licensee performed contamination surveys on all personnel as they left the building. Four individuals were determined to have been exposed to airborne particulates from the machining of the source. In vitro bioassay samples were taken from these individuals. They also received whole body counts at the Comanche Peak Nuclear Power Station (CPNPS). All results indicated that no one received exposure that exceeded any limits. Two contractors have been providing decontamination services. Approximately 90 percent of the facility has been found free of contamination or was decontaminated and released with the remaining space expected to be released in March 2009. Staff will conduct verification surveys after remediation activities are completed.
 - **DSHS (Emergency Response):** Staff has been preparing for a two-day exercise with CPNPS. The exercise will be evaluated by the Federal Emergency Management Agency (FEMA). The evaluation will include all phases of a scenario-driven response to a fictional release of radioactive materials from CPNPS. A dress rehearsal drill was conducted on February 10, 2009, to prepare local and state responders for the exercise. The exercise will be conducted over two days, April 7–8, 2009. DSHS emergency response teams will support local jurisdictions with a staff of approximately 70. Emergency response organizations and staff from CPNPS, Hood, and Somervell Counties as well as State agencies including DSHS, will be evaluated during the exercise. The first day activities will focus on the airborne plume phase scenario. Day two activities will focus on recovery, reentry and ingestion pathway protective action decision making. With three sites proposing new reactors and submitting Combined Operating License (COL) applications to the NRC, DSHS has been working with South Texas Project (STP), Exelon Corporation, and CPNPS representatives as well as FEMA to respond to Requests for Additional Information (RAI) from FEMA regarding offsite plans and procedures in accordance with NRC's formal review process under the COL. After several months of discussion between NRC, FEMA, and the Nuclear Energy Institute (NEI), it was agreed that FEMA would contact the applicants directly to obtain responses to the RAIs. DSHS has completed its responses and submitted them to STP. These responses were submitted to FEMA. A joint Texas Engineering Extension Service (TEEX) and DSHS tabletop was conducted in Waco, TX, on February 4, 2008, which included 140 participants and over 50 local, state, and federal agencies. The tabletop was in preparation for a full-scale exercise in Waco on May 21, 2009, that will test a combined state response that will include DSHS, TCEQ Strike Team, and the 6th Civil Support Team. This will be the first field exercise involving both local and state emergency response teams in a Radiological Dispersive Device (RDD), or dirty bomb, scenario. A new Reception Center was setup in Amarillo, TX, for population monitoring in the event of an accident at the Pantex Plant. This modern facility at the Tri-State Fairgrounds replaces a center that was located in a rundown building.
 - **DSHS (Environmental Monitoring):** Staff met with NRC to discuss environmental monitoring programs in anticipation of construction of Exelon's Victoria County Station site near Victoria, TX. In the near future, staff will begin collecting baseline data before the site is licensed for operation. Equipment used for reading and reporting environmental radiation dose measurements at both nuclear power plants and other licensed facilities in the state is inoperable; the equipment

Continued on page 8.



HEALTH PHYSICS SOCIETY

"Specialists in Radiation Safety"

19 March 2009

South Texas Chapter
Health Physics Society
c/o The Billet
PO Drawer 28510
San Antonio, TX 78228-5110

Subject: San Antonio Midyear

Dear Folks:

One of the best parts of being President of the HPS is that I get say "well done" and "thank you" to members who have performed exceptional service to the Society, and the South Texas Chapter certainly qualifies! In fact, my President's column in the April *HPS News* is devoted to the outstanding success of this year's Midyear Symposium.

As you probably know by now, this was the best-attended midyear since the last time we did radiological emergency preparedness in San Antonio. Since no good deed ever goes unpunished, you can expect to see us back again in the future—and the not-too-distant future, assuming you will have recovered in 5 years or so!

On behalf of the Board of Directors and the entire Society, I want to express our congratulations and gratitude for hosting a wonderful meeting in a beautiful location. Oh, and the "Q" wasn't bad either!

Sincerely,

A handwritten signature in black ink that reads 'R. E. Toohey'.

Richard E. Toohey, PhD, CHP

Richard E. Toohey, PhD, CHP
President

Oak Ridge Associated Universities
PO Box 117, MS 23
Oak Ridge, TN 37831-0117
Telephone: (865) 576-9561
Fax: (865) 241-1630
Email: Dick.Toohey@orau.org

TRAB *continued from page 6.*

- will be replaced or repaired as soon as possible. Until the repairs are completed, fourth quarter radiation dose results are not available. This may cause a delay in producing the 2008 Environmental Monitoring Report as well.
- **TCEQ (Low-Level Radioactive Waste Disposal):** Staff reviewed the Waste Control Specialist, LLC (WCS) license application for low-level radioactive waste and mixed low-level radioactive waste disposal. The technical review was completed on August 11, 2008, and the Executive Director filed a draft license, environmental analysis, and technical summary with the Office of the Chief Clerk. The Chief Clerk mailed the Notice of Completion of Technical Review and Public Meeting to WCS and adjacent land and mineral rights owners. WCS published the notice in the *Andrews County News* on August 17, 2008. A public meeting was held on September 8, 2008, in Andrews to receive formal comments on the draft license. The public comment period ended September 16, 2008. On January 14, 2009, the TCEQ Commissioners approved a licensing order on the application of WCS for Radioactive Material License No. R04100. A license can be issued after condemnation proceedings are completed and the applicant has demonstrated ownership of all mineral rights on the underlying land at which the site will be located. The signed licensing order was mailed on January 28, 2009. TCEQ is working on fulfilling all prerequisites prior to filing a petition for condemnation.
 - **TCEQ (By-product Material Disposal):** The TCEQ Commissioners considered the draft license and hearing requests for the WCS application for by-product material disposal on May 21, 2008. By a vote of 2-1, the hearing requests were denied, and the license for WCS to dispose of by-product material was approved. The license was signed by the TCEQ Chairman on May 29, 2008. A Motion for Rehearing was received on June 24, 2008, and was overruled on July 25, 2008. The TCEQ is being sued by the Sierra Club because of the issuance of this license. Staff has received additional information related to preconstruction conditions for staff and Bureau of Economic Geology for review. Other data are still expected from WCS to respond to license conditions. WCS has begun construction activities. Staff geologists and consultants have visited the site. Staff has been working on the permit conditions for a Texas Pollutant Discharge Elimination System permit application submitted by WCS affecting the by-product material disposal facility.
 - **TCEQ (Rulemaking):** Phase I Rulemaking to implement Senate Bill 1604 by Duncan was proposed on August 22, 2007. The Commission adopted revisions to Chapter 336, 281, and 39 but removed the revisions to Chapter 37 in the adoption package. Phase II Rulemaking now includes revisions to Chapters 37, 39, 55, 305, 331, and 336. Multiple stakeholder meetings for the Phase II Rulemaking were held with minutes and handouts for all meetings available on the stakeholders' web page: www.tceq.state.tx.us/permitting/radmat/sb1604group.html. Staff reviewed all the comments, both orally and written. Rules went before the commission for proposal on August 6, 2008, and were continued to the August 20, 2008, agenda to receive additional input from stakeholders on the rate setting rules in Subchapter N of Chapter 336. Additional stakeholder meetings were held. The proposed rules were published in the *Texas Register* on September 5, 2008. A formal public hearing to accept comments on the rulemaking was scheduled for September 16, 2008. The public comment period ended on October 6, 2008. Staff reviewed all the comments received to date, both orally and written. Rule adoption was continued until February 11, 2009. A final stakeholder meeting was held on February 4, 2009, to discuss issues raised because of the continuance of the Phase II Rulemaking on implementation of SB 1604 and HB 3838. On Wednesday, February 11, 2008, the Commissioners approved adoption of Proposed Phase II rules with some stipulated revisions mainly to preamble language for clarification. The adopted rules were filed with the *Texas Register* on February 20, 2009, to be published in the February 27, 2009, edition of the *Texas Register*. The rules should be effective March 12, 2009.
 - **TCEQ (Uranium Mining):** A new radioactive material license was requested by Rio Grande Resources for a processing plant site in Karnes County. The license application was received on October 24, 2008. Staff began review of the Uranium Energy Corp (UEC) in situ Goliad license application on Monday, December 1, 2008. Staff met with Karen Pettigrew of the Attorney General's Office on the UEC reclamation project on November 20, 2008. A hearing was held on January 20, 2009, to discuss the reclamation. A follow-up hearing is scheduled for February 17, 2009.
 - **TCEQ (Buried Waste):** Staff continues to work on closing the historical buried radioactive waste sites that exist under TCEQ jurisdiction in Texas.
 - **RRC (Surface Mining and Reclamation, Uranium Exploration):** The proposed repeal of existing rules and proposed adoption of several new rules relating to Uranium Exploration and Surface Mining, under Title 16, Chapter 11, were published in the *Texas Register* on October 26, 2007. The comment period ended on November 26, 2007. The rules were automatically withdrawn in May 2008. Staff revised the draft proposed rules, which were posted on the Commission's web site for informal comment. RRC held an informal meeting at RRC headquarters on Tuesday, December 9, 2008, at 1:30 p.m., to provide an opportunity to discuss and provide informal comments on the draft proposed rules. Staff is currently reviewing the comments it received on the draft rules. ♦

All HPS American National Standards Available Electronically for Downloading



One of the significant benefits of membership in the Health Physics Society (HPS) is the availability of free downloads of standards from the American National Standards Institute (ANSI) generated by HPS/ANSI Committees N13 (Radiation Protection) and N43 (Equipment for Non-Medical Radiation Applications). Until now, some of the older standards were only available in paper format, which did not permit free download by members. Now, all active HPS/ANSI standards are available electronically for free downloading by HPS members. They can be downloaded from <https://hps.org/membersonly/committees/standards>, the HPS Standards Committee Members Only page.

There are 18 N13 Standards available; those released in 2008 include:

- N13.54-2008 Fetal Radiation Dose Calculations
- N13.59-2008 Characterization in Support of Decommissioning Using the Data Quality Objectives Process

There are 2 proposed N13 Standards in the final stages of completion:

- N13-53-xxxx Control and Release of Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)
- N13-56-xxxx Procedures and Instrumentation for Characterizing Airborne Radioactivity in the Workplace

There are 10 N43 Standards available; those released in 2008 include:

- N43.3-2008 For General Radiation Safety – Installations Using Non-Medical X-Ray and Sealed Gamma Ray Sources, Energies Up to 10 MeV
- N43.8-2008 Classification of Industrial Radiation Gauging Devices

There are 5 N43 Standards under development:

- N43.1-xxxx Radiological Safety in the Design and Operation of Particle Accelerators
- N43.9-xxxx Radiological Safety for the Design and Construction of Apparatus for Gamma Radiography
- N43.11-xxxx Safe Operating Practice for Industrial X-Ray Radiographic Equipment
- N43.14-xxxx Safe Operating Practices for Active Interrogation Systems for Security Screening Using Fast Neutrons
- N43.16-xxxx Radiation Safety for X-Gamma Cargo Security Screening Systems

For more information on HPS/ANSI standards and the work of the Standards Committee, visit <http://hps.org/hpsc>. The HPS owes **Dade Moeller & Associates** much gratitude for scanning the old paper-only standards into an electronic format. ♦

Thank You for Your Donations

David Fogle

The Executive Council of the South Texas Chapter of the Health Physics Society wishes to thank and laud the following persons who donated to the Chapter's funds during 2009 membership renewals received through March 27, 2009. These two funds directly support the Chapter's educational mission. Donations to these funds are tax deductible.

SCHOLARSHIP FUND

Suntrac Services

Rob O'Donel, President

Bob Cherry

Scott Nicholson

Jim Sharp

Sharon Sharp

Francis Towey

John White

John (Mike) Williford

SCIENCE TEACHER WORKSHOP FUND

Bob Cherry

Scott Nicholson

Jim Sharp

Sharon Sharp

John White

John (Mike) Williford

Self-Luminous EXIT Sign Disposal

Taylor Perry

Self-luminous EXIT signs, powered by tritium gas, are a nonelectrical, cost-efficient form of emergency EXIT signage. A self-luminous sign provides up to 20 years of maintenance free illumination. Once they pass their effective life of 10, 15, or 20 years (depending on the model), they do not meet the minimum luminescence requirements set by the National Fire Protection Agency Underwriter's Laboratories. Because the radioactive component of the signs, it is *illegal* to throw these signs away or use them past their date of expiration. The Nuclear Regulatory Commission (NRC) regulates the use and disposal of self-luminous EXIT signs.

Isolite Corporation, a leading sign manufacturer, is also a licensed return facility. They have committed to helping their customers, as well as other end users of self-luminous signs, dispose

of these signs in a responsible manner. Please note the 2009 return policy below:

- ♦ **Option One – LIKE REPLACEMENT** (self-luminous sign ⇒ self-luminous sign): Isolite will accept any self-luminous exit sign (regardless of manufacturer) free of charge with a corresponding replacement order for Isolite self-luminous exit signs. This is a one-for-one exchange.
- ♦ **Option Two - UNLIKE REPLACEMENT** (self-luminous sign ⇒ electrical or photoluminescent sign): Isolite will accept any self-luminous exit sign (regardless of manufacturer) with a corresponding replacement order for Isolite LED or photoluminescent exit signs. The standard return fee (\$75 per sign) will be significantly

reduced to \$35 per sign/face for each sign replaced.

- ♦ **Option Three - RETURN ONLY:** Isolite will accept any self-luminous exit sign for return (regardless of manufacturer) at the standard **prepaid** fee of \$75 per sign/face. Returning signs directly through Isolite is the most cost-effective option available to end users of self-luminous signs. A third-party firm will charge hundreds of dollars per sign for disposal. Not only is Isolite the best financial option, they will guide you in following all shipping regulations and NRC reporting requirements. If you have self-luminous EXIT signs to return, or any questions regarding their use and disposal, please contact Taylor Perry, Isolite Corporation, 800-888-5483, tperry@isolite.com ♦

Susan Jablonski *continued from page 1.*

HPS Annual Meeting (July 12–16. For information about the meeting, please see <http://hps.org/meetings>). We hope many of the STC will be in Minneapolis to join in honoring her. Congratulations, Susan!!!

Susan is the Director of the Radioactive Materials Division of the Texas Commission on Environmental Quality (TCEQ). She manages the Division as it performs activities associated with the licensing of facilities involved in the storing, processing, or disposing of radioactive material (e.g., uranium ore,

by-product radioactive waste, low-level radioactive waste, non-oil and gas naturally occurring radioactive waste, and radioactive waste generated from federal government activities). As TCEQ's technical advisor for radioactive waste management, she frequently is asked by the Texas Legislature to provide testimony as they craft and deliberate on legislative bills pertaining to radioactive waste.

Susan has served the STC in many capacities including: the Board of Directors, Treasurer, Science Teacher Workshop Chair, but most importantly

as President-Elect and President. Her tenure as President was one of the most productive periods for the STC, and she continues to be one of our real leaders. Her vision and energy are essential to maintaining a strong chapter with technical programs that meet the needs of STC members—most of whom are users of radiation throughout Texas—and outreach projects that develop public understanding of the beneficial uses of radiation and foster interest in the study of radiation and radiation safety among students. ♦

NRC *continued from page 4.*

and the deadline for requesting a hearing is April 21. Petitions may be filed by anyone whose interest may be affected by the proposed license, who wishes to participate as a party in the proceeding, and who meets criteria set out in the NRC's regulations. Background information regarding the hearing process was provided by NRC staff to members of the public during a June 2007 public information session in Bay City.

A petition to intervene must be electronically submitted in a timely manner to the NRC's Electronic Information Exchange (EIE) system. The petition to intervene must be filed in accordance with the NRC's E-Filing Rule that

appeared in the *Federal Register* on Aug. 28, 2007. Additional guidance and instructions regarding electronic submissions to the NRC EIE system are available on the NRC web site at www.nrc.gov/site-help/e-submittals.html.

Detailed information about the new reactor licensing process can be found on the NRC web site at www.nrc.gov/reactors/new-reactors.html. ♦

###

News releases are available through a free listserv subscription at the following web address: www.nrc.gov/public-involvellistserv.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.

Minutes of the Executive Council Meeting of the South Texas Chapter of the Health Physics Society, Inc.

January 30, 2009

Jennifer Watson, Secretary

Persons in Attendance:

Executive Council (EC) Members:

Jay Poston.....President
 Stan BravenecPresident-Elect
 Jennifer WatsonSecretary
 David Fogle.....Treasurer/
 Nominations
 John White.....EC Member
 Douglas JohnsonEC Member
 Karen Blanchard.....EC Member

Committee Chairpersons:

John Hageman.....Editor – *The Billet*
 Linda MorrisStudent Assistance
 Chair
 Al EvansScience Teacher
 Workshop

Chapter Members and Guests:

Matt AmenSTC Member &
 Guest
 Bruce Schoenbucher ...STC Member &
 Guest

Agenda Item	Discussion	Action
Call to Order 7:23 p.m.	Quorum Established and Pledge of Allegiance	N/A
Agenda Approval	Move to approve as written Motion: Karen Blanchard Second: John White	<i>Committee Vote:</i> Approved
October 2008 STC-HPS Executive Meeting	Motion to approve the minutes from the April meeting Motion: John White Second: Karen Blanchard	<i>Committee Vote:</i> Approved
President's Report	No report at this time.	
Treasurer's Report	David Fogle presented a report showing the combined total for the chapter from the last report until now. The chapter lost money from the October meeting and now has total assets of \$112,530.91. Motion to approve the Treasurer's Report Motion: Karen Blanchard Second: Stan Bravenec	<i>Committee Vote:</i> Approved
	David Fogle requested a refund of \$1145.18 for the Royal Tease Screen Printing (polos and t-shirts for Midyear) and \$396 for the tie-dye shirts. David Fogle requested a refund of \$180 to Linda Morris for the plaques for the Science Fairs. Motion to pay David Fogle \$1541.18 and Linda Morris \$180 for their expenses Motion: Karen Blanchard Second: Doug Johnson	<i>Committee Vote:</i> Approved

Continued on page 12.

***Your Chapter is getting stronger through ... the contributions of
 your Affiliates Members!!!***

January 30, 2009, Minutes *continued from page 11.*

Agenda Item	Discussion	Action
Treasurer's Report <i>cont.</i>	<p>David Fogle announced that he destroyed the additional two credit cards created for two Chapter officers and kept only the card issued to the Treasurer.</p> <p>David is currently working on the Internet capability to have online payments and had the bank agree to a contract that removed the transaction fees of over \$300.</p>	
	<p>There was discussion regarding the scholarship funds and the possibility of increasing dues to \$15 a person to be able to compensate \$3 a member to the scholarship fund and \$2 a member to the Science Teacher Workshop fund. This discussion is due to the fact that the Chapter has been spending more than is received into this account for the past several years.</p>	
	<p>It was announced that Al Evans was approved in the 2008/2009 STW budget to have a ½-page advertisement in the <i>Texas Science Teacher Journal</i>.</p>	
Secretary's Report	<p>No report at this time.</p>	
Membership Report	<p>No report at this time.</p>	
Program Committee	<p>The Spring student meeting will be held in College Station on March 27 & 28. Thank you to Doug Johnson for handling the local arrangements.</p>	
	<p>Jay Poston called for a May 30, 2009, annual meeting in San Marcos. Motion: Jay Poston Second: Karen Blanchard</p> <p>The annual meeting will be the meeting to discuss online voting changes to the bylaws and to announce the new chapter officers.</p>	<p><i>Committee Vote:</i> Approved</p>
	<p>Affiliates meeting is tentatively scheduled for September 18-19, 2009, with the location to be determined.</p>	
	<p>Stan Bravenec will be working with the Affiliates during the Annual Midyear Meeting to increase Affiliate support.</p>	
	<p>Stan announced a special thanks to the Local Arrangements Committee Chairs Mike Charlton and John Salsman along with a thank you to Jennifer Watson for their help in coordinating the Midyear National HPS Meeting.</p>	
Legislative Committee	<p>The governor appointed a commission to oversee low-level radioactive waste, and John White was named vice chair of the committee.</p>	
Affiliate Committee Report	<p>No report at this time.</p>	
Publications Committee	<p>Pete and Karen Myers have done a wonderful job chasing down stories and might call on assistance from other STC-HPS members.</p>	
Nominations Committee	<p>The deadline for Nominations for the HPS Award is March 1. The chapter has nominated Ken Krieger for National Board Member. Nominations will occur for our chapter for the following positions in the Spring: President-Elect, Treasurer-Elect and a Board Member.</p>	<p><i>Action Item:</i> Nominations will be mailed out 30 days after</p>
The Billet	<p>Same report as the Publications Committee.</p>	

Continued on page 24.

Minutes of the Executive Council Meeting of the South Texas Chapter of the Health Physics Society, Inc.

March 27, 2009

Jennifer Watson, Secretary

Persons in Attendance:

Executive Council (EC) Members:

Jay Poston.....President
Stan BravenecPresident-Elect
Jennifer WatsonSecretary
David Fogle.....Treasurer/
Nominations
John White.....EC Member
Douglas JohnsonEC Member
Karen Blanchard.....EC Member

Committee Chairpersons:

Pete & Karen Myers ..Admissions Chair/
Publications Chair
Andrew PittsAffiliates Chair
John Hageman.....Editor – *The Billet*
Al EvansScience Teacher
Workshop

Chapter Members and Guests:

Ken KriegerSTC Member
Jim & Sharon Sharp....STC Member &
Guest
Howard Dickson.....HPS
President-Elect

Agenda Item	Discussion	Action
Call to Order 5:23 p.m.	Quorum Established and Pledge of Allegiance	N/A
Agenda Approval	Move to approve as written	<i>Committee Vote:</i> Approved
January 2009 STC-HPS Executive Meeting	Motion to approve the minutes from the January meeting Motion: Karen Blanchard Second: Doug Johnson	<i>Committee Vote:</i> Approved
President's Report	No report at this time.	
President-Elect's Report	There are only four students signed up to present at this Student Presentation Meeting. Discussion of possibly having extra credit provided for the students, talking to the professors in the departments of the various schools, and possibly having the Treasurer do an analysis of money to be able to give a tier approach to awards being 1st, 2nd, and 3rd in each category with more money.	<i>Action Item:</i> Linda Morris will come up with a proposal for increasing student participation
	The May annual meeting and hotel are confirmed. The theme is Military Health Physics, and there will be five speakers. The talks will kick off with Col. Bob Cherry, and the meeting will follow with the new Chapter Officer Installations. A recommendation has been made that a Military Agenda be repeated in Spring 2010.	
	Texas Southern University has an undergraduate Health Physics program, and the chapter should reach out to them and encourage their participation. They will be at the Student presentation meeting tomorrow.	
	The Ludlum Users Group Meeting will be in San Antonio June 22–23, 2009, and the STC has agreed to be a Co-Sponsor. The stipulations are that we set up a table for outreach, no official endorsement by the STC, be willing to do the same for other Affiliates, provide a disclaimer each and every time the subject is presented, and need details about how our logo will be used.	<i>Action Item:</i> Stan will follow up with them on their expectations of the Co-sponsorship
	Committee Chairs should make the use of the Committee volunteer list that Pete Myers sent out. The committees should be heavily used, and this is also a great pool of talent for future Chapter Officers.	

March 27, 2009, Minutes continued from page 13.

Agenda Item	Discussion	Action
President-Elect's Report <i>cont.</i>	Online payments with PaymenTech are still being worked out with National, but the chapter does want to do this for the members.	
	<p>The 2010 Regulatory Conference will be September 1–3, 2010, with approximately 400 attendees. The Myers, Susan, and David would like to finalize the selection of the DoubleTree Hotel in Austin (same as 2007). The concerns were that there is nothing binding participation from the agencies, but the vice-chair from both commissions will more than likely participate and 25% of the revenue must be paid within 180 days of the setup. The contract would be signed on Tuesday.</p> <p>Motion: Stan Bravenec Second: Doug Johnson</p> <p>Pete & Karen will sign the contract with the DoubleTree in Austin on Tuesday. There is a possibility of getting a 25-30 person bus to run the first night in Austin, TX.</p>	<i>Committee Vote:</i> Approved
	<p>The Affiliates chair did not get the membership renewals out until the second week of March 2009, and the membership has dropped within the last year. The EC discussed having the annual renewal roll together with the regular membership renewal.</p> <p>Motion: Stan Bravenec Second: Karen Blanchard</p>	<i>Committee Vote:</i> Approved
	<p>Stan is working on the bylaw changes. According to the bylaw changes proposed, the EC would like to see an insertion of “electronic means” where the proposed change says “email” in Section 6 and Section 7 and scratch the whole section that email ballots shall be printed and folded, etc. This will provide for electronic means of voting.</p> <p>Motion: Stan Bravenec Second: Karen Blanchard</p> <p>Stan & Jay will rewrite and present in May and address 20% of membership at the Annual Meeting.</p> <p>The decision to vote on EC being able to vote electronically will be discussed in May.</p> <p>Howard Dickson discussed the option of having a Parliamentarian to outline some of these by-law rules.</p>	<i>Action Item:</i> Stan and Jay will work on by-law changes.
Treasurer's Report	<p>The interesting news is that we are only down a \$1000 since January. Big thank you to the TSTC students and others who operated the Midyear Meeting t-shirt booth, which netted \$1400.</p> <p>Mutual fund is losing money and the money market not making much money. National will be sending a check for the Midyear Meeting.</p> <p>The total assets of the Chapter are \$111,593.88. Motion to approve the Treasurer's Report: Karen Blanchard Second: Stan Bravenec</p>	<i>Committee Vote:</i> Approved

Agenda Item	Discussion	Action
Treasurer's Report <i>cont.</i>	<p>David Fogle managed to negotiate less money for the REAC/TS speaker at the November San Antonio meeting, which were caused by flight changes and extra charges. EC approved a check for CAST for \$700 at the last meeting.</p> <p>Nuclear Medicine Society booth manned by John White. The Chapter needs to do something with the hefty operating fund and discussed annually putting a percentage into each of the funds. A work group including Linda, Susan, David, Pete, and Karen will work to see benefits to the students and chapter.</p>	<i>Action Item:</i> Work group will research ways to reallocate our operating fund via student assistance.
	<p>Reimbursements – Frank Iddings – \$137.04, Science Teacher Workshop Expenses Linda Morris – \$180, expenses for judging science fairs; \$80, <i>Chart of the Nuclides</i> Mike Charlton – \$36.62, expenses for the Night Out David Fogle – \$22.66, postage for tie-dye shirts Motion: Doug Johnson Second: John White</p>	<i>Committee Vote:</i> Approved
Secretary's Report	No report at this time.	
Membership Report	<p>Current STC membership is at 207 members. Voted on new members. Motion to accept members: David Fogle Second: Doug Johnson</p>	<i>Committee Vote:</i> Approval of new STC members. Congratulations!
WELCOME NEW STC MEMBERS!	<p>New Members:</p> <p>Bacon, Scott – Suntrac Services, Inc Favret, Derek, MS, CHP – USAF School of Aerospace Med Goff, Tom, CHP – WIPP Hansen, Tom – Ameriphysics, LLC Haynes, Tony – Texas A&M University Huber, David – Baker Atlas Luthiger, Peter, NRRPT – Mestena Uranium, LLC Shaver, Phil – TCEQ Stoicescu, Laura – STPNOC Stovall, Marilyn – UT MD Anderson Cancer Center Sullivan, Amanda – UTHSC-SA Warren, Linda – University of Texas – Arlington Williams, Piper – USAF, Brooks AFB Wise, Jatara – Texas A&M University</p>	
	288 membership renewal letters were sent to 2008 and 2007 members on December 1, 2008. Emailed reminders to 115 delinquent 2008 & 2007 members on February 1, 2009. Emailed STC Secretary list of eligible voters for 2009 election (188) and emailed 150 HPS members who are not STC members to invite them to become STC members.	
Program Committee	The annual National HPS meeting breakfast will be on July 14, 2009, at a possible offsite location. John Hageman will make some contacts to see if this is possible. The Affiliates Fair will be on September 18-19, 2009, in Houston. The Proton Therapy meeting will be in January 2010.	

March 27, 2009, Minutes continued from page 15.

Agenda Item	Discussion	Action
Legislative Committee	No report at this time.	
Affiliate Committee Report	<p>Invoicing Affiliate membership will occur through the Membership Committee, which will be easier to submit to accounting, and, so far, the Affiliates prefer this method. Possibility of getting the low-level waste people as Affiliates. A list of Affiliates should be sent to John Hageman for the web site.</p> <p>Thank you to Suntrac Services for donating \$100 to our scholarship funds. The invoices now state that they can donate more than just their normal dues.</p>	<i>Action Item:</i> David Fogle will email the list of Affiliates to John Hageman
Publications Committee	Pete is beating the bushes for articles and will not just focus on STC activities but will include Rad Advisory board and low-level waste, etc. There is an article about the February 26 TRAB meeting.	
Nominations Committee	<p>The deadline for HPS awards nominations is April 1, 2009. The only award nomination received was Susan Jablonski for the Elda Anderson Award.</p> <p>The deadline for HPS Officer and Board nominations is May 1, 2009, and the Nomination Committee has received nominations for Ken Krieger for HPS Board and Bob Cherry for President-Elect HPS.</p> <p>Actively taking nominations for President-Elect, Treasurer-Elect, and Board Member for our Chapter.</p>	<i>Action Item:</i> Nominations will be mailed out 30 days after
The Billet	<p>Deadline for <i>The Billet</i> – July 17, 2009, for the Affiliates meeting in September 2009 and June 24, 2010, for the Regulatory conference.</p> <p>Ali Simpkins was working on the Membership Information brochure, and somehow the comments never got back to her. The brochure is being reworked (Alana Woods and Jean Fox), and we are looking at possible changes to <i>The Billet</i> and web site design. Looking at the possibility of a new name for the newsletter (example: <i>South Texas Chapter News</i>)</p>	
Status of the North Texas Chapter	North Texas – Mailer to send out to Panhandle chapter if they want to join with the North Texas chapter and become something. Oklahoma is interested in joining with the North Texas Chapter and are on the verge of doing something but not sure what yet.	
Science Teacher Workshop	A workshop was conducted in Palacios on March 13, with instructors Al Evans, Sam Daniel, Frank Iddings, Ken Krieger, and John Poston, Sr. Five Palacios science teachers attended.	
	A workshop has been scheduled for April 4 at a joint meeting of the Texas Sections of the American Association of Physics Teachers and the American Physical Society to be held at Tarleton State University in Stephenville. Ken Krieger is coordinating this workshop.	
	The CAST-9 Convention booth has been reserved and is being held in Galveston on November 4–7. We plan to schedule a workshop during this meeting, preferably on November 7, 2009.	
	For the 2009 STC re-registration, the following people volunteered to participate in the STW program: Steve Cima, Sam Daniel, Al Evans, Tom Goff, David Huber, Frank Iddings, and John Poston, Sr.	

Continued on page 24.

South Texas Chapter - Health Physics Society Student Education Grant Application

Associate*/Graduate Degree
Academic Year: 2009–2010

Form Available Online

The South Texas Chapter of the Health Physics Society (STC-HPS) announces the availability of its Education Grants. The applicant must plan to begin or be currently performing full-time work toward an associate or graduate degree in Health Physics or a related field offered by a bona fide program at a Texas institution of higher education. All applicants must have finished one session by September 2008. ***Applicant must be a student member in good standing of the STC-HPS.*** Deadline for the receipt of applications and all supporting materials is **May 24, 2009**. Award winners will be announced at the subsequent Chapter meeting. The STC-HPS Education Grant is \$750, and two awards will be made; one at each degree level. The application below and all other supporting materials should be mailed to:

Linda Morris, Chair
Student Assistance Committee, STC-HPS
TSTC Waco, Health Physics/EHS
3801 Campus Drive
Waco, TX 76705

Degree Program: Associate Graduate

Please Print

Name _____

Address _____

Phone _____

Email _____

Optional

Undergraduate Institution _____

GPA _____

Submit copies of all current transcripts including the Fall 2008 semester.

SAT, ACT, GRE (circle one) Scores

Enclose a copy of your SAT, ACT, or GRE scores.

Math: _____ Verbal: _____

Composite (ACT): _____ GRE: _____

Statement of Financial Information: On the “STC-HPS Student Education Grant Application: Financial Information” form (page 2), provide a detailed account of all sources of income and expenses for the period of support September 2008–August 2009. Insufficient data may result in delays in processing your application.

Statement of Personal Goals: Provide a separate one-page statement about your personal career goals including a statement about your intent to enter the field of Health Physics.

Letters of Recommendation: Names of two persons whom you will ask to write letters attesting to your potential for study in Health Physics.

1. _____ 2. _____

*NOTE: Bachelor students enrolled in the Radiological Health Engineering Program in the Nuclear Engineering (NE) Department of TAMU can apply for the NEFF-POSTON Scholarship by contacting Dr. Marvin Adams of the NE Department or Linda Morris at Linda.Morris@tstc.edu. This scholarship is sponsored by the South Texas Chapter of the Health Physics Society.

(Page 1 of 2)

South Texas Chapter - Health Physics Society Student Education Grant Application

Financial Information – September 2008–August 2009

Form Available Online

Please Print

Name _____

Where do you live? On-campus housing Off-campus housing

With whom do you live? Alone Spouse Children. Number _____ Parents/relatives Unrelated roommates

Degree Program: Associate Graduate

Tuition Residency: In-state Out-of-state

Income	\$/month	Expenses	\$/month
Spouse working		Housing & utilities	
Summer job/school job		Automobile (payments, gas, insurance, etc.)	
From parents/relatives/guardians		Food	
Child support		Child support payments	
Savings/investments		Other (list):	
Scholarships/grants (list):			
Social Security benefits			
VA benefits (educational and/or disability)		Expenses Total	
TRC or JTPA		Additional comments/extenuating circumstances [attach additional page(s) if needed]:	
Other (list):			
Income Total			
Loans (list):			
Loans Total			

South Texas Chapter of the Health Physics Society, Inc.

Military Health Physics & Annual Meeting

with

Special Address by

Col. (Ret.) Bob Cherry, President, HPS Military Health Physics Section

Saturday, May 30, 2009

San Marcos, Texas

Registration Deadline is May 20, 2009

In recognition of the new Health Physics Society (HPS) Military Health Physics Section, the Annual Meeting of the South Texas Chapter (STC-HPS) will salute Military Health Physics. Come and join us in the Texas Hill Country for an afternoon of exciting and informative talks in addition to the fun recreational activities available in the San Marcos area!

The meeting will be in the brand new Embassy Suites San Marcos - Hotel, Spa & Conference Center—the newest hotel in the Texas Hill Country! The discounted rate for the South Texas Chapter is \$129/night, which includes a complimentary full, hot, cooked-to-order breakfast and nightly reception from 5:30-7:30 p.m. Reception includes beer, wine, cocktails, and light

snacks. For reservations: Phone: (512) 392-6251. The deadline for reservations is May 8, 2009.

The Embassy Suites also offers complimentary shuttle service to

◆

Come and join us in the Texas Hill Country for an afternoon of exciting and informative talks in addition to the fun recreational activities in the San Marcos area!

◆

and from the outlet center. More than 230 brand name stores are featured at Tanger and Prime Outlet Centers located within one

mile from the hotel. San Marcos boasts several recreational areas including Aquarena Springs, Wonder World Caverns, the San Marcos River, and the beautiful Rio Vista Falls. The historic village of Gruene is 6 miles away, and SeaWorld and Fiesta Texas (Six Flags) are located within a short drive.

Luncheon Menu: Main Entrée choice of: Grilled Chicken Caesar, Hoisin Grilled Chicken or Shrimp Salad with Soba Noodles, Herb Seared Chilled Salmon Steak, Smoked Turkey Wrap, Grilled Chicken Wrap, Suite Cobb Salad, or Primavera Pasta Salad. The main entrée is served with Rolls and Whipped Butter, Cheesecake, Chocolate Cake, Pecan Pie or Champagne Cake, Iced Tea and Freshly Brewed Coffee. ◆

2.5 CEUs Awarded for LMPs & MRTs

Applications for Student Assistance Education Grants for 2009–2010

must be sent to Linda Morris by May 24, 2009.

The forms can be found on pages 17 and 18 and at www.stc-hps.org/student.htm

South Texas Chapter of the Health Physics Society, Inc. Agenda for the Military Health Physics & Annual Meeting

May 29-30, 2009

*Embassy Suites San Marcos - Hotel, Spa, & Conference Center
1001 E. McCarty Lane ♦ San Marcos, TX 78666 ♦ 512-392-6450*

Friday, May 29, 2009

5:00–7:00 p.m. **Executive Council Meeting**, Embassy Suites San Marcos - Hotel, Spa, & Conference Center

Saturday, May 30, 2009

11:00–12:00 p.m. **Registration**, Embassy Suites San Marcos - Hotel, Spa, & Conference Center

12:00–1:00 p.m. **Lunch**

1:00–1:15 p.m. **Special Introduction** – Col. (Ret.) Bob Cherry, Founder Military Health Physics Section of the Health Physics Society

1:15–1:45 p.m. **Prototype Nuclear Powered Airplane: Experiences Operating a Nuclear Reactor on an Aircraft** – Bill Bryant

1:45–2:15 p.m. **Overview of the USAF Research Laboratory's Radio Frequency Radiation Branch** – Lt. Col. Scott Nicholson

2:15–2:30 p.m. **Break & Professional Networking**

2:30–3:00 p.m. **LAZER Applications at Brooks** – Lt. Col. (Ret.) Pat Roach, PhD

3:00–3:30 p.m. **Some Assignments and Projects of an Old Army Medical Health Physicist (1977–1995)** – Col. (Ret.) Pete Myers, MS

3:30–4:00 p.m. **Medical HP as a Training Ground for Army Deployments** – Lt. Col. Mark W. Bower, CHP, PhD, MS, Chief, Health Physics, Brook Army Medical Center

4:00–4:30 p.m. **Annual STC-HPS Business Meeting**
Installation of new Chapter Officers
Amendment to Chapter Bylaws allowing electronic voting and payments
Committee Recruitment
Announcements

4:30 p.m. **Adjourn**

Meeting Registration

Please submit a Meeting Registration form for each member or guest attending the meeting and mail to the address below.

Military Health Physics & Annual Meeting

May 30, 2009

San Marcos, Texas

Preregistration

Embassy Suites San Marcos - Hotel, Spa & Conference Center ♦ 512-392-6450

Hotel Registration Deadline — May 8, 2009 ♦ STC Meeting Preregistration Deadline — May 20, 2009

Attendee's Name _____

Attendee's Address _____

City _____ State _____ Zip _____

Attendee's Email Address _____

Attendee's Company Name _____

- STC Member preregistration fee (technical sessions and lunch) - \$15
- STC Member preregistration fee (technical sessions ONLY) - \$15
- Non-STC Member preregistration fee (technical sessions and lunch) - \$40*
- Non-STC Member preregistration fee (technical sessions ONLY) - \$30*
- Non-STC Member (e.g., spouse/guest) preregistration fee (lunch ONLY) - \$15*
- Students (technical sessions and lunch) - FREE**
- Registration (after May 20, 2009, or onsite if space or lunch is available) - ADD \$10 to the above fees.
If contemplating onsite purchase of meals, meeting space and meals cannot be guaranteed on the day of the meeting.
- Need a receipt for this meeting
- Need CEU certificate

Mail this preregistration with your check
(made payable to the STC-HPS) to arrive
before May 20, 2009, to:

STC-HPS Treasurer
David Fogle
Post Office Box 201723
Austin, TX 78720-1723
T: 512-834-6688 x2203

OR...To pay by credit card (Visa®/MasterCard®/AmericanExpress®/Discover®),
transmit your credit card number, expiration date, and authorized payment
to the STC-HPS Treasurer, before May 20, 2009, choosing one of the
following methods:

- Include it on the Meeting Preregistration form
- Email it to David.Fogle@dshs.state.tx.us
- Telephone it to David Fogle at 512-834-6688 x2203

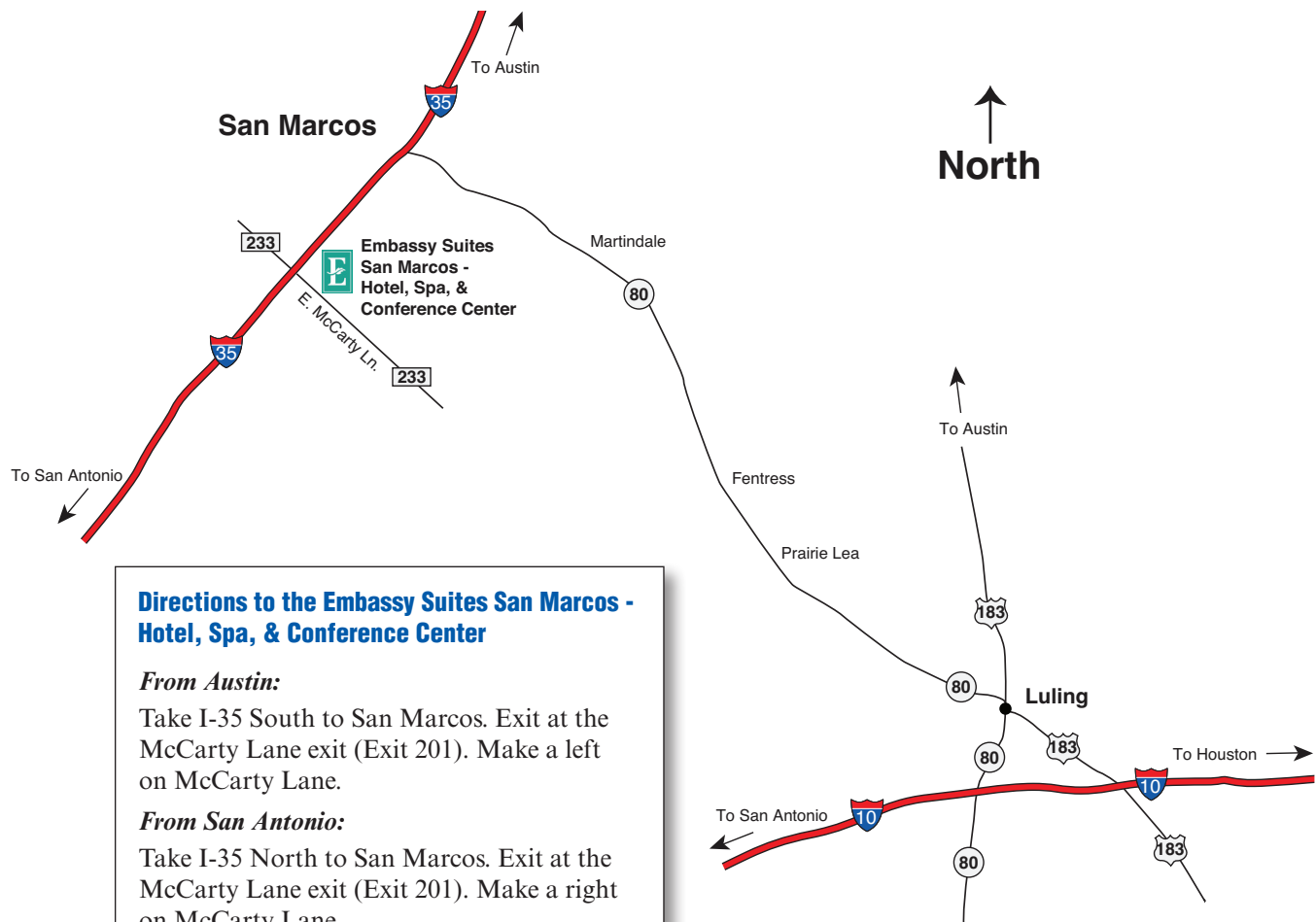
Number _____ Expiration Date _____

Signature _____

Preregistration will close May 20, 2009. If you will not be able to attend the meeting, please call and cancel your reservation **PRIOR TO MAY 20, 2009**. Any reservations **not cancelled by May 20, 2009**, will be regarded as confirmed reservations and funds will be collected for the meeting. Refunds will be honored only for cancellations made before May 20, 2009. Registration fees collected after May 20, 2009, or at the door, if available, will be \$10 extra.

* Nonmembers may select the option of applying for South Texas Chapter-Health Physics Society membership at the meeting and enjoy privileges of membership at future Chapter events.

Map to The Embassy Suites San Marcos - Hotel, Spa, & Conference Center



Directions to the Embassy Suites San Marcos - Hotel, Spa, & Conference Center

From Austin:

Take I-35 South to San Marcos. Exit at the McCarty Lane exit (Exit 201). Make a left on McCarty Lane.

From San Antonio:

Take I-35 North to San Marcos. Exit at the McCarty Lane exit (Exit 201). Make a right on McCarty Lane.

From Houston:

Take I-10 West to U.S. 183 North to SR-80 to I-35. Take I-35 South to McCarty Lane exit (Exit 201). Make a left on McCarty Lane.

Accommodations

Embassy Suites San Marcos - Hotel, Spa & Conference Center

1001 E. McCarty Lane ♦ San Marcos, Texas 78666 ♦ Phone: 512-392-6450 ♦ Fax: 512-392-6451

Each room is equipped with a spacious work desk, two phones (each with 2 lines), voice mail, high-speed internet and data port. A hospitality center in each suite includes a microwave, refrigerator, and coffee maker. Iron, ironing board, and hair dryer are standard in all suites. The hotel has a Business Center that is complimentary to guests and accessible 24 hours a day. The full-service restaurant serves breakfast, lunch, and dinner and is open continuously from 6:00 a.m. to 11:00 p.m. daily. The hotel features Caffaina's, the hotel coffee shop, serving espressos, coffee, wireless Internet, and gift shop. A heated outdoor pool with whirlpool is also available. Hotel parking is self parking in an outside lot with Valet parking at a rate of \$12 per day. All parking is with in-and-out privileges.

South Texas Chapter - Health Physics Society Member Renewal/Application

Form Available Online at www.stc-hps.org

Please print – This 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 applying members, please complete the entire form)

Business Name _____ Dept. or Apt.# _____
Provide business name and check if address given is ___ Bus. or ___ Home (Dept. for Bus./Apt.# for home address)

Street _____ City _____

State _____ Zip _____ ___ Omit address from Directory

Phone _____ Type ___ Bus. ___ Home ___ Mobile ___ Omit from Directory

Fax _____ Type ___ 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.
- Yes, I am a Certified Health Physicist.
- Yes, I am a Registered Radiation Protection Technologist.
- Other _____

I only want *The Billet* electronically
THIS INFORMATION CAN BE UPDATED ONLINE

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

- | | | | |
|---|---|--|---------------------------------------|
| <input type="checkbox"/> Nominating | <input type="checkbox"/> Meeting Program | <input type="checkbox"/> Admissions (Membership) | <input type="checkbox"/> Publications |
| <input type="checkbox"/> Legislation | <input type="checkbox"/> Public Relations | <input type="checkbox"/> Affiliate | <input type="checkbox"/> Other/Ad Hoc |
| <input type="checkbox"/> Student Assistance | <input type="checkbox"/> 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 mail this form with your check or money order to:

STC-HPS Treasurer
 David Fogle
 Post Office Box 201723
 Austin, TX 78720-1723

To pay by credit card (Visa®/MasterCard®/AmericanExpress®/Discover®), transmit your credit card number, expiration date, and authorized payment to the STC-HPS Treasurer, choosing one of the following methods:

- Include it on the Member Renewal/Application form
- Email it to David.Fogle@dshs.state.tx.us
- Telephone it to David Fogle at 512-834-6688 x2203

Number _____ Expiration Date _____

Signature _____

January 30, 2009, Minutes continued from page 12.

Agenda Item	Discussion	Action
Science Teacher Workshop	An announcement was emailed to the regional directors of the Science Teachers Association of Texas advising them of the recent accreditation by the Texas Education Agency, and a Science Specialist in Austin expressed some interest. Information was sent to him.	
	There will be a class February 27 in Palacios, and there will be additional opportunities with the American Physical Society.	
	There are two possible upcoming opportunities with one being the joint Texas AAPT-APS meeting in Stephenville. John White and Matt Amen volunteered to participate on April 2-4.	
	The second possibility is the CAST 2009 meeting in Moody Gardens Galveston the weekend of November 7. A motion was made to fund a booth at the CAST for \$700. Motion: David Fogle Second: Karen Blanchard	<i>Committee Vote:</i> Approved
Student Assistance Committee	Linda Morris handed out the Science Fair plaques to the judges. Still needs judges for the State Fair since Roger Winkelmann cannot participate.	<i>Action Item:</i> Volunteers to email Linda Morris
Recognitions	Special thanks to National HPS for paying for the barbeque for the bag stuffing party.	
Adjournment	8:04 p.m.	

STC Affiliates make our scholarships possible!!!

March 27, 2009, Minutes continued from page 16.

Agenda Item	Discussion	Action
	Ken Krieger and John Poston are updating the STW slides and notebook material. The STW slides will be posted in the members only section of the web site.	<i>Action Item:</i> STW slides will be posted in the members only section of the web site
	Karen Blanchard now has most of our Geiger Counter Inventory as Karl Kee is recycling meters through KI4U for maintenance and calibration.	
Student Assistance Committee	Very few students are presenting at the Student Presentation meeting tomorrow.	
	Texas Southern University will be invited to participate in more activities.	
	Please announce the upcoming May 24 deadline for the Student Assistance Awards.	
Recognitions	TEEX provided refreshments and room for this meeting. Thanks to Jennifer for helping with the Midyear Meeting preparations and thanks to Doug Johnson for scheduling this meeting in College Station.	
Adjournment	7:36 p.m. Motion: Karen Blanchard Second: Stan Bravenec	

South Texas Chapter - Health Physics Society Affiliate Renewal/Application

Forms Available Online

Affiliate Contact Person (One Free Individual Membership):

Please print – This information is used for mailing labels and directory listing, and will appear in The Billet and on the chapter web site at www.stc-hps.org

Company Name _____

Contact _____

Mailing Address _____

Street Address _____

City _____ State _____ Zip Code _____

Work _____ Fax _____

Email _____

Company Web Site _____

Alternate Contact Person (Optional):

Company Name _____

Contact _____

Mailing Address _____

Street Address _____

City _____ State _____ Zip Code _____

Work _____ Fax _____

Email _____

Affiliate Annual Membership Dues \$150.00

Chapter President Jay Poston 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* (an STC-HPS quarterly newsletter).

Make check payable to STC-HPS or transmit credit card information David Fogle, Treasurer.

Mail completed form and payment to:

David Fogle
STC-HPS
Post Office Box 201723
Austin, TX 78720-1723
E: David.Fogle@dshs.state.tx.us
T: 512-834-6688 x2203
F: 512-834-6690

Direct any Affiliate-related questions, comments,
or address corrections to:

Andrew Pitts
STC-HPS Affiliates Committee Chair
Alpha Neutronics, Inc.
11534 Trickey Road
Houston, TX 77067-3406
E: admin@alphaneutronics.com
T: 281-872-0075

SOUTH TEXAS CHAPTER - HEALTH PHYSICS SOCIETY—2009 AFFILIATE ROSTER

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 admin@alphaneutronics.com*)

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

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@ametec.com
T/F: 505-867-7665

Alpha Neutronics, Inc.

Andrew Pitts
11534 Trickey Road
Houston, TX 77067-3406
WEB: www.alphaneutronics.com
E: admin@alphaneutronics.com
T: 281-872-0075
F: 281-872-0075

NEW! 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

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

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

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

Chase Environmental Group

Scott J. Winters
19110 Canyon Vista Court
Tomball, TX 77377-7889
WEB: www.chaseenv.com
E: swinters@chaseenv.com
T: 281-516-9105
F: 866-850-5726

Dade Moeller & Associates

Jodi Jenkins
3445 Executive Center Drive Suite 100
Austin, TX 78731
WEB: www.moellerinc.com
E: jodi.jenkins@moellerinc.com
T: 512-340-0702
F: 512-340-0902

Earth Tech | AECOM

Robert Cherry
8005 Outer Circle Road
Brooks City-Base, TX 78235
WEB: www.earthtech.com
E: robert.cherry@aecom.com
T: 210-271-0925
F: 210-271-3061

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

ICx Radiation

Andrew Gaunt
100 Midland Road
Oak Ridge, TN 37830
WEB: www.target-instruments.com
E: andrew.gaunt@icxt.com
T: 214-324-5499
F: 865-220-7181

ISO-TEX Diagnostics, Inc.

Tom Maloney
Post Office Box 909
Friendswood, TX 77546
WEB: www.isotexdiagnostics.com
E: isotex@aol.com
T: 281-482-1231
F: 281-482-1070

CHANGING YOUR ADDRESS? CHANGING office? home? phone?

NOTIFY **Pete Myers** AT **Pete.Myers6@sbcglobal.net**

Ludlum Measurements, Inc.

George Espinosa
 Post Office Box 810
 501 Oak Street
 Sweetwater, TX 79556
 WEB: www.ludlums.com
 E: georgeespinosa1@yahoo.com
 T: 505-920-6338
 F: 325-235-4672

Microtec Services, Inc.

Quintin Stokley
 110 Charles Street
 Pasadena, TX 77506
 WEB: www.microtecservices.com
 E: qstokley@sbcglobal.net
 T: 713-475-2274
 F: 713-475-2362

Owens Scientific, Inc.

Betty Hail
 23230 Sandsage Lane
 Katy, TX 77494-4207
 WEB: www.owensscientific.com
 E: sales@OwensScientific.com
 T: 281-394-2311
 F: 281-394-2522
 ANS: 713-784-8443

Philotechnics, LTD

Alvin Smith
 201 Renovare Blvd
 Oak Ridge, TN 37830
 WEB: www.philotechnics.com
 E: arsmith@philotechnics.com
 T: 412-527-3591
 F: 865-220-0686

Quantum Technical Services, Inc.

Jim Sharp
 Post Office Box 2226
 League City, TX 77574
 WEB: www.quantumtec.net
 E: jsharp713@aol.com
 T: 281-455-7780
 F: 281-316-1028

Radiation Technology, Inc.

Doris Bryan
 Post Office Box 27637
 Austin, TX 78755
 WEB: www.radiationprograms.com
 E: doris@radiationprograms.com
 T: 512-346-7608
 F: 512-795-8718

Saint-Gobain Crystals

Dan Meldrum
 1655 Townhurst Drive Suite 190
 Houston, Texas 77043
 WEB: www.detectors.saint-gobain.com
 E: daniel.meldrum@saint-gobain.com
 T: 713-973-9461
 F: 713-973-6302

Southwest Research Institute

John Hageman
 Honorary Affiliate
 6220 Culebra Road
 San Antonio, TX 78238-5166
 WEB: www.swri.org
 E: jhageman@swri.org
 T: 210-522-2633

Suntrac Services, Inc.

Rob O'Donel
 1818 East Main Street
 League City, TX 77573
 WEB: www.suntrac.com
 E: rob@suntrac.com
 T: 281-338-2133
 F: 281-338-2136

Texas State Technical College

Linda Morris
 Honorary Affiliate
 3801 Campus Drive
 Waco, TX 76705
 WEB: www.tstc.edu
 E: Linda.Morris@tstc.edu
 T: 254-867-2952

SAVE TIME & MONEY

Get your issue of
The Billet the **E-WAY**

UPDATE your
 CONTACT INFORMATION
 on the **STC-HPS web site**

Thermo Fisher Scientific

Denny Cannon
 Post Office Box 621059
 Littleton, CO 80162
 WEB: www.thermo.com
 E: denny.cannon@thermofisher.com
 T: 303-948-5001
 F: 508-520-2815

Thermo Fisher Scientific

Michael Fontenot
 1410 Gillingham Lane
 Sugar Land, TX 77478
 WEB: www.thermo.com
 E: michael.fontenot@thermofisher.com
 T: 713-272-4568

Waste Control Specialists LLC

Tim Greene
 9998 Hwy 176 West
 Post Office Box 1129
 Andrews, TX 79714
 WEB: www.wcstexas.com
 E: TGreene@wcstexas.com
 T: 888-789-2783 or 575-394-4300

William B. Johnson & Associates, Inc.

Charles (Dick) Landfried
 Post Office Box 472
 200 A.E.I. Drive
 Lewisburg, WV 24901
 WEB: www.johnsonnuclear.com
 T: 304-645-6568
 F: 304-645-2182

**EMAIL ALERT! Not getting your email messages from the STC OR
 your email has changed OR is changing? NOTIFY Stan Bravenec AT josephs.braveneciii@med.va.gov**



Health Physics Society
South Texas Chapter
P.O. Drawer 28510
San Antonio, TX 78228-0510
ATTN: John Hageman
STCEditor@swri.org

Check www.stc-hps.org for a color copy of *The Billet*.

Future Meetings & Deadlines

Date	Location	Topic	Deadline for <i>The Billet</i>
May 30, 2009	San Marcos, TX	Military Health Physics & STC Annual Meeting	NA
June 22–23, 2009	San Antonio, TX	Ludlum Measurements, Users Group Meeting	NA
July 12–16, 2009	Minneapolis, MN	National HPS 54th Annual Meeting	NA
September 18–19, 2009	Houston, TX	Affiliates Fair & Door Prizes	July 17, 2009
Early January 2010	Houston, TX	TBD: May be Proton Therapy Health Physics	November 5, 2009
January 24–27, 2010	Albuquerque, NM	National HPS 2010 Midyear Meeting	NA
June 27–July 2, 2010	Salt Lake City, UT	National HPS, 55th Annual Meeting	NA
September 1–3, 2010	Austin, TX	Texas Radiation Regulatory Conference	June 24, 2010

South Texas Chapter of Health Physics Society, Inc. (STC) welcomes our

NEW MEMBERS

*We wish them well in all their endeavors
and especially hope that their association with STC will be
long and mutually rewarding!!!*

See listing of NEW STC MEMBERS on page 15 of this issue of *The Billet*.