

THE BILLET

Health Physics Society ♦ South Texas Chapter ♦ Radiation Safety Specialists

South Texas Chapter Spring Meeting, Student Presentations and Executive Council Meeting

Pete Myers

President-Elect John Salsman hosted the Executive Council (EC) meeting of the South Texas Chapter (STC) at the Texas A&M University (TAMU) Radiation Safety Office, Friday afternoon, April 23, 2004. Prior to the meeting, ballots from the membership, voting to fill EC positions, were counted. The persons elected to STC EC are:

- ❖ **President-Elect: Ken Krieger,**
Senior Health Physicist,
Earth Tech, San Antonio
- ❖ **Secretary: Roy Craft,**
Senior Health Physicist,
Consultant, Baytown
- ❖ **Board Director: Stan Bravenec,**
Assistant RSO,
VA Medical Center, Houston

After the ballots were counted, the STC EC meeting convened. In attendance was HPS President-Elect Ray Guilmette, Los Alamos, who had just flown into College Station ending a string of six visits with HPS chapters. At several points during the meeting, Ray offered very valuable insights into ways we might approach some of the challenges that lay before us. After having conducted the EC's important business, many of those in attendance, including President-Elect Guilmette, blended in with the crowd of Aggies at College Station's "Dixie Chicken" for a burger, music, and a brew or two.

The following day, Saturday, April 24, 2004, STC held its 2004 Spring Meeting in Rudder Tower at TAMU. The membership enjoyed 15 presentations from undergraduate and graduate students from



At the close of the Spring Meeting, President John Salsman (left) presents Past-President Mike Charlton (right) with the STC gravel for a job well done. Photo by Jim Sharp.

TAMU, the University of Texas Health Science Center at San Antonio (UTHSC-SA), and the University of Texas Health Science Center at Houston (UTHSC-H). The following papers were selected as winners of the best presentation award—\$100 to the author or group:

- ❖ "An Analysis of Reported Events of Stolen Sources of Radioactivity in Texas 1956-2001," by Marianna Korshukin, graduate candidate at UTHSC-H

- ❖ "Measurement of Stray Radiation from Dental X-Ray Machines," by Nolan Anderson, Wade Butaud, Stephen Handley, and Aaron Moreno, undergraduates at TAMU

Other student presentations included:

- ❖ "Radionuclide Uptake in Various Plants," by Becky Raabe, David Wurtz, Matthew Hiatt, and Maria Cronholm, undergraduates at TAMU
- ❖ "Survey of Co-60 Teletherapy Machine," by Whitney Bivens, Peter Ness, Paige Nitsch, and McLean Sanborn, undergraduates at TAMU
- ❖ "Radiation and the World Around Us," by Jason Harp, Zayne Ulrich, Daniel Wilson, and Caleb Williams, undergraduates at TAMU
- ❖ "Area Contamination Analysis of Thorium Produced by TIG Welding Electrodes," by Chris Briggs, Mahdi Hayes, Kyle Kelly, and Amanda Sullivan, undergraduates at TAMU
- ❖ "Overview of the Computer Radiography Technology and Acceptance Testing of C-R Systems," presented by Mehul Naik, PhD candidate at UTHSC-SA
- ❖ "Geolocation of Sources Lost Downhole During Oil and Gas

Continued on p. 8.

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The Billet is sponsored by the South Texas Chapter Affiliate Members and is printed as a courtesy by Southwest Research Institute in San Antonio.

David Norman – New Career

I would like to express my THANKS to all the STC-HPS members and to *The Billet* personnel. I lost the Baker Atlas and my other major accounts in January and closed NORM-Rad Services effective February 2004.

I sent an email to *The Billet's* Editor to let everyone know that I will be resigning from the Technical Editor position.

I want to thank everyone in the Chapter for allowing me to contribute to the Chapter, even though I have not attended any meeting since

leaving Houston. Please accept my thanks for allowing me to have been a member of the Chapter's and *The Billet's* "family."

I have my dues paid for this year, but after this I will no longer be working in the radiation field; I have found another job (nonradiation related) and will have to see where this takes me.

Please pass on my regards to "The Chapter," and I hope to see you all in the future. ♦

David Norman, Past-President of the STC, Local Arrangements Committee Member, 1982 and 1998, and Technical Editor for *The Billet*.

David, the entire South Texas Chapter thanks you for all your hard work and dedication to serving the Chapter's membership and needs. Good luck and God's speed with all you pursue. -- Editor

CONGRATULATIONS TO OUR NEW MEMBERS!

Susan Jablonski

The South Texas Chapter of the Health Physics Society wants to welcome their newest Members. Please congratulate these new STC members. You can help in recruiting new members into the chapter by passing on this copy of *The Billet* to your colleagues with the Member Renewal/Application on the inside back cover. We would especially like to recognize our Regional Science Fair Winners (designated by **) who have elected to join our membership.

John D. Crump	Tucker Technologies, Tulsa, OK
Dita Jean Geary	UT Health Science Center at Houston, TX
F. Denise Harris	Quantum Technical Services, Houston, TX
Stephen Harris	Quantum Technical Services, Houston, TX
Jerry Hensley	U.S. Air Force – Brooks City Base, San Antonio, TX
Nicki Hoerster**	Fredericksburg High School, Fredericksburg, TX
William D. Johnson	Tucker Technologies, Tulsa, OK
Kojo Minta**	Clements High School, Sugarland, TX
Daniel Payne	Suntrac Services, League City, TX
Hans Weger	Texas Dept. of Health, Bureau of Radiation Control, Austin, TX
Brenda Winfield	Quantum Technical Services, Houston, TX

**STC 2004 Science Fair award winners

CHPs in Texas

We should be proud of the 49 individuals in Texas who have become Certified Health Physicists (CHPs) through the American Board of Health Physics. They are (by city):

Amarillo

Ford, Michael S.
Helfinstine, Suzanne Y.
Knight, Michael G.
Vickers, Lisa Rene

Andrews

Moore, Terence M.

Arlington

Arno, Matthew G.
Evans, Robert J.

Austin

Burkhart, Robert A.
McBurney, Ruth E.
Pennington, William S.

Bay City

Bullard, William T.
Craft, Roy C.
Earls, Leonard M.
Guerra, Jr., Gilbert L.
Parish, William C.

Bryan

Simek, John E.

College Station

Hamilton, Ian Scott
Jang, Si Young
Menchaca, Daniel I.
Meyer, Christopher
Salsman, John M.

Colleyville

Holly, Wesley L.

Cypress

Buchanan, Ron J.

Dallas

Lowe, John D.

Fort Worth

McLain, Milton E.

Friendswood

Poston, Jr., John W.

Garden Ridge

Roach, William P.
Tucker, Jonathan E.

Houston

Bushong, Stewart C.
Emery, Robert J.
Van Baalen, Mary G.
Williams, Gordon E.
Zeck, Otto F.

Lake Jackson

Pell, Robert W.

La Vernia

Hensley, Jr., Jerry R.

League City

Semones, Edward J.

Lucas

O'Donnell, John J.

McKinney

Steward, John B.

Round Rock

Beleckis, Robert A.
Meyer, Charles R.

San Antonio

Benke, Roland R.
Caputo, Daniel F.
Charlton, Michael A.
Cima, Stephen A.
Daxon, Eric G.
Hageman, John P.
Hearnsberger, David W.
Krieger, Kenneth V.
Lockett, Larry W.
Nichelson, Scott M.
Wiatrowski, Wayne A.

Sugar Land

Evans, Albert E.

Temple

Jones, David M.

Wadsworth

Powell, Gerald T.

Science Teacher Workshop in Houston

Janet McCrary



Eva Legler and Memorial Hermann Southwest Hospital hosted another Science Teacher Workshop in Houston on March 27. Attendance was smaller than originally anticipated, but the student did enjoy the insightful presentations.

The student was Mr. Zimmermon (center in both photos). The STC volunteer instructors were: Al Evens (left in both photos), Eva Legler (2nd from left top photo), Selome Ayele (4th from left in both photos), Katie Rohe (5th from left in both photos), Janet McCrary (2nd from left in lower photo), and Jim Sharp (not pictured) assisting with demonstrations. ♦



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Don't miss one issue of *The Billet*.

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NOTIFY Susan Jablonski AT:

SJABLONS@tceq.state.tx.us

***Our student
programs ...
are funded
by our
Affiliates!!!***

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

Texas A&M University, College Station, TX

April 23, 2004

Mary Van Baalen

Persons in attendance: Executive Council (EC) Members: In Attendance: Mike Charlton, President; John Salsman, President-Elect; Mary Van Baalen, Secretary; Ken Krieger, Treasurer; Stacy Krieger, EC Member; Jim Sharp, EC Member; Pete Myers, Treasurer-Elect; Bob Emery, Past-President. Not in Attendance: Eva Legler, EC Member.

Committee Chairpersons: In Attendance: Bob Wilson, Legislative Committee Chairperson; John Salsman, Program Committee Chairperson; John Hageman, Editor, *The Billet*; Alisha Stallard for Linda Morris, Student Assistance Committee Chairperson; David Fogle, Nominations Committee Chairperson; Sharon Sharp, Public Relations Committee Chairperson; Susan Jablonski, Admissions Committee Chairperson. Not in Attendance: Steve Vittatoe, Affiliates Committee Chairperson; Marty Meltz, Ad Hoc Task Force on Nuclear Training Chairperson; Eva Legler, Science Teacher Workshop Chairperson; Jennifer Watson, Publications Committee Chairperson; Ruth McBurney, Ad Hoc Strategic Planning Committee Chairperson.

Chapter Members and Guests in Attendance: Karen Myers, John White, Al Evans, Janet McCrary, Roy Craft, Alta Craft, and Ray Guilmette, HPS President-Elect

Call to Order—Mike Charlton. With a quorum established, President Charlton called the meeting of the EC of the South Texas Chapter of the Health Physics Society, Inc. (STC-HPS), to order at 4:20 p.m.

Approval of the Agenda—Mike Charlton. A motion was made by John Salsman to accept the agenda with a meeting ending time of 6:30 p.m. Bob Emery seconded the motion. There being no discussion, President Charlton called for a vote on the motion, and the motion passed unanimously.

Approval of Minutes of EC Meeting on January 23, 2004—President Charlton asked the EC if there were any changes to be made to the minutes of the meeting held January 23, 2004. A motion to accept the minutes was made by Bob Emery. Ken Krieger seconded the motion. There being no discussion, President Charlton called for a vote on the motion, and the motion passed unanimously.

President's Report—Mike Charlton. Mike reported that HPS National has requested the STC-HPS give a short PowerPoint presentation to the HPS Venues Committee and a letter of intent

signed by the STC-HPS President to host the midyear meeting in 2009. Ken Krieger and John Salsman volunteered to do this.

Mike reported that the comments on the proposed reorganization of the TDH BRC had been submitted. Discussion about the new organization at the Bureau followed. The staff at the Bureau is working to transition smoothly. However, the legislation that resulted in the reorganization will likely result in the need for rulemaking and possible delays in permitting.

Mike gave an update on the STC-HPS members that were submitted for National HPS awards. John Hageman, Ed Bailey, Ruth McBurney, Richard Ratliff, and Larry Luckett were nominated for HPS Fellow. Linda Morris was nominated for Chapter Volunteer of the Year. Jean Fox, Graphics Designer for *The Billet*, and Alana Woods, Managing Editor for *The Billet*, were also nominated for Chapter Volunteer of the Year for recognition of their hard work in publishing *The Billet*. Mary Van Baalen made a motion to accept these nominations, and Pete Myers seconded the motion. The nominees were unanimously accepted.

In keeping with the EC's efforts to determine what the STC-HPS membership would like to gain from the Chapter and its functions, Mike previously presented an electronic needs assessment survey tool. The EC has reviewed and provided feedback to Mike. The tool is now ready to be incorporated in the STC web site.

Mike reported that Mary Van Baalen and he supported the membership outreach effort at the Southwest Society of Nuclear Medicine (SWSNM) meeting April 2–4, 2004, in Austin, TX. Visitors to the booth were sparse.

Mike requested Ken Krieger and Pete Myers continue to pursue the financial feasibility of establishing a health physics scholarship in John Poston's name.

Mike reported that the Annual Meeting in Washington DC is July 10–15, 2004, and the Midyear Symposia will be in New Orleans February 13–16, 2005. The abstract deadline for the midyear meeting is July 30, 2004.

John Hageman and Ray Guilmette gave an update that Ken Kase was nominated for Vice President of the International Congress of the International Radiation Protection Association (IRPA) at the meeting in Madrid, Spain, May 23–28, 2004.

Mike reported that National will be providing resources for updating web sites to local chapters and that Burk & Associates will probably be performing the work. Ray Guilmette gave a contact at National to assist the STC.

Mike reported that the only nomination that he has received was for Larry Luckett for HPS Fellow. John Salsman made a motion to accept this nomination. Ken Krieger seconded the motion. The motion passed unanimously.

Treasurer's Report—Ken Krieger. Ken Krieger reported that the Chapter is in excellent financial health with total assets of \$111,953.39. Ken reiterated his desire to work toward reducing meeting expenses such that registration will cover the costs. Several reimbursements were voted on for incidental expenses related to chapter operations. Mike Charlton made a motion to accept the Treasurer's Report. Pete Myers seconded the motion, and the motion passed by unanimous vote.

Secretary's Report—Mary Van Baalen. Mary reported that four electronic notifications regarding proposed rule making were forwarded to Bob Wilson, Legislative Committee Chair, to review. They are

- ◆ 25 Texas Administrative Code §289.202, "Standards for Protection Against Radioactive Materials".
- ◆ 25 Texas Administrative Code §289.232, "Radiation Control Regulations for Dental Radiation Machines"
- ◆ 25 Texas Administrative Code §289.260, "Licensing of Uranium Recovery and Byproduct Material Disposal Facilities"
- ◆ 25 Texas Administrative Code §289.301, "Registration and Radiation Safety Requirements for Lasers and Intense-Pulsed Light Devices"

Following the approval of a records retention schedule, Mary Van Baalen and Pete Myers reduced the STC records to one box. This box will be transferred to the new STC secretary.

Mary reported that 6 hours of CEU credit will be given for the Licensed Medical Physicists and 6 hours of Indirect CEU credit will be given for the Medical Radiological Technologists for the April 24, 2004, meeting.

Mary announced the results of the election.

- ◆ President-Elect – Ken Krieger
- ◆ Secretary – Roy Craft
- ◆ EC Member – Stan Bravenec

Standing Committee Reports

Program—John Salsman. The R.D. Neff Student Paper Competition is tentatively scheduled for April 24, 2005, in College Station. The luncheon speaker will be Ray Guilmette, HPS President-Elect.

The annual STC-HPS breakfast meeting will be held on July 13, 2004, at 7:30 a.m. at the Marriott Wardman Park Hotel in Washington DC. Breakfast will include eggs, bacon, and sausage with all the trimmings.

Plans are under way for a joint effort between the STC and the Bureau of Radiation Control to conduct a regulatory conference in Austin. It is tentatively scheduled for September 16–17, 2004, at the Doubletree Hotel. The date and location, hotel arrangements, menu, schedule, technical content, meeting announcement for *The Billet*, and keynote speaker still need to be resolved.

Initial plans have begun for the January 2005 Affiliates Fair meeting in San Antonio.

Admissions—Susan Jablonski. Nine persons applying for membership were approved for membership by the EC. Two confirmed National HPS members were added as well.

Nominations—David Fogle. David's report is contained within Mike Charlton's report.

Public Relations—No report.

Appointed Committee Reports

Science Teacher Workshop—No report

Affiliate Membership—Steve Vittatoe. Mike Charlton presented Steve Vittatoe's report that 75% of the formal Affiliate members have renewed their membership for 2004. Two new Affiliates, LND, Inc. and Berthold Technologies, have been added.

Legislation—No report.

Publications—John Hageman. John reported on the upcoming deadlines for *The Billet*. July 2, 2004, is the deadline for the next issue.

Student Assistance Committee—Linda Morris. Mike Charlton reported for Linda that the Student Assistance Committee presented awards at five regional science and engineering fairs in Waco (Central Texas), College Station (Brazos Valley), Austin, San Antonio, and Houston. The North Texas Chapter presented a joint award with the STC at the ExxonMobil Texas State Science and Engineering Fair in Lubbock. She is also exploring the possibility of collaboration with the Panhandle Chapter.

Applications are available for next year's education grants. The application forms are available through the STC web site and also will be in the next issue of *The Billet*. The deadline is May 24, 2004.

Mike asked for volunteers to judge the student presentations on April 24.

Ad Hoc Task Force on Nuclear Training Endeavors—Marty Meltz. Mike presented for Marty. Marty is continuing to have difficulty obtaining the HDR Program equipment.

The REPR distribution was put on hold until further improvements in the database programming could be made.

Ad Hoc Strategic Planning Committee—Ruth McBurney. Mike reported for Ruth that the Strategic Plan has been published in *The Billet* and reminded the STC EC and Committee Chairs to review their Committees' work and ensure that their actions fit within the strategic plan.

Ad Hoc Fellowship Feasibility Committee Report—Janet McCrary. Janet gave an update on her group's progress for determining the feasibility of establishing a fellowship in John Poston's name. The EC decided to pursue the establishment of the fellowship through the national HPS.

Old Business—None

New Business—None

Adjournment—President Charlton adjourned the meeting at 7:00 p.m. ♦

STC Science Successes

Linda Morris

The STC-HPS presented awards at five regional science fairs this year. The students were presented with an engraved plaque, a *Chart of the Nuclides*, and a congratulatory letter from President Mike Charlton. In addition, they were offered a complimentary one-year student membership in the STC. The winners of the regional fairs are:

- ◆ Alamo Regional Science and Engineering Fair – March 7-9, 2004:
Stephanie Hicks (junior division)
Nicki Hoerster (senior division)
- ◆ Austin Area Science Festival 2004 – February 26-27, 2004:
David Payne (junior division)
Mike Gipson (senior division)
- ◆ Brazos Valley Science and Engineering Fair – March 22-23, 2004:
Russell Gallo (junior division)
Will Slatterly (senior division)
- ◆ Central Texas Science and Engineering Fair – March 25-26, 2004:
Brett Wheeler (junior division)
Amanda Hartman (senior division)
- ◆ Science and Engineering Fair of Houston – March 25-27, 2004:
Kojo Minta (senior division – 1st)
Erin Braley (senior division – 2nd)

The following middle and high school students have joined our Chapter: Nicki Hoerster of Fredricksburg, Kojo Minta of Sugar Land, David Payne of Austin, Russell Gallo of Navasota, Michael Gipson of Round Rock, and Amanda Hartman of China Spring. Amanda won an STC Regional Science Fair award in 2003 and again in 2004. She elected to continue her membership in our organization this year and stated that she enjoys our newsletter.

For the second year in a row, the STC participated in the ExxonMobil Texas State Science and Engineering Fair. This year, however, the South Texas, North Texas, and Panhandle Chapters of the Health Physics Society joined together to present two awards. Lisa Vickers from Pantex (Panhandle Chapter) and John White of UT Southwestern Medical Center (North and South Texas) coordinated with the STC to share expenses for the awards. The Texas Chapters, represented by our own Chris Maxwell of Sweetwater, presented 8 x 10 engraved walnut plaques,



Nicki Hoerster (senior division), Alamo Regional Science and Engineering Fair



Stephanie Hicks (junior division), Alamo Regional Science and Engineering Fair

Chart of the Nuclides, and \$50 checks to the winners. Anna Mueller's project, "The Cosmic Dilemma," won the senior division award, and Stephanie Hicks's project, "The Effects of Ultraviolet Radiation on *Drosophila Melanogaster*," won the junior division award. Congratulations to all of our winners!



Brett Wheeler (junior division), Central Texas Science Fair

The Chapter must also thank this year's dedicated judges, Janet McCrary, Stacy Krieger, Jim Lewis, Pete Myers, Karen Myers, John Salsman, Linda Morris, and Chris Maxwell. Other past STC judges include Ken Krieger, Susan Jablonski, David Fogle, and John Hageman. Thanks to all of you! ♦

In other student news . . .

The winners of the STC 2004–2005 Education Grants will be announced at the fall meeting in Austin. Checks for \$750 will be presented to an associate degree student, an undergraduate student, and a graduate student. Please see the STC-HPS home page for more student information, or contact Student Assistance Chair Linda Morris at Linda.Morris@tstc.edu (254-867-2952).

Regulating New Technology: The CyberKnife®

Julie Davis

Reprinted from Bureau of Radiation Control (BRC) *Radiation Report*, Spring 2004

The BRC is continually researching ways to regulate new devices as advancing equipment technologies continue to emerge in the medical field. Currently, new regulations and certifications are being developed for the CyberKnife, a relatively new form of radiosurgery.

The CyberKnife is a painless, noninvasive therapy

that uses a robotic arm to deliver highly focused beams of radiation to destroy tumors or lesions within the body. The flexibility of the robotic arm makes it possible to treat the spine and spinal cord, which cannot be treated by other radiosurgery techniques.

The CyberKnife, which is being used in facilities

throughout Texas, and other emerging technically advanced medical equipment using forms of radiation continue to be a focus for BRC because proper regulation and certification ensures the health and safety of the general public, health care workers, and the environment. ♦

M.D. Anderson to Build Proton Therapy Facility

Reprinted from Bureau of Radiation Control (BRC) *Radiation Report*, Spring 2004

The University of Texas M.D. Anderson Cancer Center has broken ground for a proton therapy facility near its current cancer treatment facility in Houston. The facility will be the first of its kind in Texas and only one of four in the United States.

The facility will be used to treat certain cancers with more precision and less trauma to surrounding tissue than the current photon and

electron accelerators. It will consist of four large proton accelerators, three of a gantry design and one horizontal beam unit, which will be installed by Hitachi of Japan. Each gantry will be the equivalent of a three-story building in height. The installation should be complete in 2005, and proton treatments are planned to begin in early 2006.

Representatives from M.D. Anderson met with

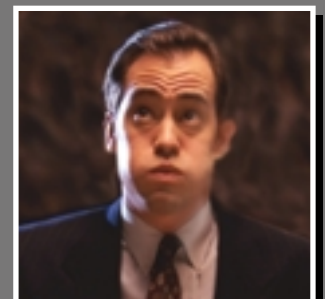
BRC staff recently to discuss registration and regulatory requirements. Once the facility design is complete and shielding for the units is computed, the registration staff will meet with physicists from M.D. Anderson to discuss their methodology. This effort will require coordination and additional research because the facility will be the first of its kind in the state. ♦

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STCEditor@swri.org



Meeting *Continued from cover.*

- Exploration Activities in Texas,” by Scott Patlovich, graduate candidate at UTHSC-H
- ❖ “An Analysis of the Relative Influence of Various Interventions in the Reduction of Radiation Overexposure Events in Texas,” by Fred Valizadeh, UTHSC-H
 - ❖ “An Analysis of Patient Complaints Stemming from the Use of Radiation Sources in Healthcare Settings,” by Prince Thommen, graduate candidate at UTHSC-H
 - ❖ “Gamma Densitometry and Fluid Flow Quality,” by Melissa Ghrist, Tom Lewis III, and Kevin Graham, undergraduates at TAMU
 - ❖ “Neutron Activation for Use in Forensic Science,” by Patrick Mason, Brian Massingill, Jennifer Koop, and Anthony Barbu, undergraduates at TAMU

- ❖ “Radiation Mapping of the TAMU Nuclear Science Center,” by Audra Saathoff, Paul Taylor, John Creasy, and Jean-Phillippe Coupey, undergraduates at TAMU
 - ❖ “Calibration of Geiger Tubes for Pulsed Power Applications,” by JT Edmondson, Sarah Chisholm, Jordan Seamands, and Zach Bailey, undergraduates at TAMU
- President-Elect Guilmette provided an intriguing luncheon presentation about some of the results of his research on the linear, non-threshold hypothesis “From the Other Side.” His research is evaluating the effect(s) on cells grown in radiation environments less than normal background. Some of his research supports the theory that because life on earth has evolved in a low-dose radiation environment, radiation-safety dose-limits should not be based on the assumption that for any low dose of

radiation that the target organism experiences some small detriment. His research could lead eventually to a major revision in radiation safety dose standards.

At the close of the day, outgoing-President Mike Charlton presented his State of the Chapter address, highlighting many recent accomplishments, identifying his vision for the future of the Chapter, and passing the leadership of the Chapter to incoming-President Salsman.

Thank you Mike, for your strong and effective leadership of the Chapter as we addressed many challenges ... and *Thank you John Salsman*, for the great work you’ve done organizing interesting and successful programs during your tenure as President-Elect and our very best wishes for you during your term as President. ♦

Future Meetings

Date	Location	Topic	Deadline for <i>The Billet</i>
Sept. 16–17, 2004 Thursday and Friday	Austin, Texas	Regulatory Conference	NA
January 7–8, 2005, or January 14–15, 2005	San Antonio	Affiliates Fair and President-Elect Speaker	November 4, 2004
February 13–16, 2005	New Orleans	HPS Midyear Symposia	NA
April 22–23, 2005	Waco or College Station	Student Papers/ Business Meeting and Election Results	February 17, 2005
July 10–14, 2005	Spokane, WA	National HPS	NA



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South Texas Chapter of the Health Physics Society, Inc.

Regulatory Conference & Summer Meeting

Organizational and Rule Changes at the Department of State Health Services (DSHS)
(Formerly TDH Bureau of Radiation Control)

&

Low-Level Radioactive Waste Disposal In Texas

&

A Dinner Presentation by Dale Klein, PhD,
Assistant Secretary of Defense for Nuclear, Chemical and Biological Defense

Doubletree Hotel

6505 IH 35 North, Austin, Texas

September 16–17, 2004

You will not want to miss this one-and-a-half day meeting. At the meeting, you will hear that the Bureau of Radiation Control is issuing major changes to the rules governing the use of radioactive material and x-ray producing devices and is undergoing vast organizational changes . . . in fact, the Bureau, as such, will no longer exist.

Effective September 1, 2004:

- ❖ Who do you call and to whom do you send your amendment requests?
- ❖ Two-year administrative renewal of licenses and certificates of registration with accompanying 2-year fee payments.
- ❖ Two-year fee payments will include a 5% surcharge for the radiation perpetual care trust fund (licensees); variable charges for availability of online admin renewals.

- ❖ Ten-year technical renewal of permits (i.e., licenses and registrations).

◆

*...the Bureau of
Radiation Control is
issuing major changes to
the rules governing
the use of radioactive
material and x-ray
producing devices...*

◆

- ❖ Reinstating expiration periods for General License Acknowledgements, and Dental, Podiatric, and Veterinary Certificates of Registration.

Important rules currently in draft that will be discussed include:

- ❖ Clearance of solid distinct objects (using an ANSI N13.12 method)
- ❖ Disposal of very low-level radioactive waste (different from LLRW disposal).

Learn the latest information about a low-level radioactive waste disposal site in Texas.

Before and after Thursday evening's dinner, grab the elbow of your "favorite" Regulator to ask the questions you may not have had time to ask during the meeting. The after-dinner talk will be given by Dr. Dale E. Klein, PhD, Assistant Secretary of Defense for Nuclear, Chemical, and Biological Defense, who will share his inside-the-Pentagon perspectives on matters relating to national defense and security of radioactive material.

◆

CEUs Awarded for LMP & MRT Certifications†

†Based on evaluation of finalized agenda by TDH – Professional Licensure staff.
STC-HPS members will be notified via e-mail of CEU amounts and affected certifications.

◆

Preliminary Agenda

Doubletree Hotel ♦ Austin, Texas

Thursday, September 16, 2004

- | | |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12:00 noon | Registration |
| 1:00–1:15 p.m. | Welcoming and Opening Remarks <ul style="list-style-type: none">♦ President of the STC♦ Commissioner, Department of State Health Services (DSHS) (or representative)♦ Texas Commissioner for Environmental Quality (TCEQ) (or representative)♦ DSHS Regulatory Services Director (or representative)♦ Director, Radiation Control Program (formerly Chief, Bureau of Radiation Control) (or representative) |
| 1:15–2:45 p.m. | Plenary Session – Remarks from the Texas Department of Health (TDH) and TCEQ on current major issues <ul style="list-style-type: none">♦ DSHS: Reorganization♦ TCEQ: Regulatory Integration |
| 2:45–3:00 p.m. | Break with Poster Session and Affiliates' Displays |
| 3:00–4:00 p.m. | Security of Radioactive Material <ul style="list-style-type: none">♦ NRC: Security♦ DSHS: National Source Tracking Program |
| 4:00–5:00 p.m. | Proposed Rulemaking for Disposal of Very Low Level Waste <ul style="list-style-type: none">♦ DSHS: State Perspective♦ EPA: Federal Perspective |
| 5:00–6:30 p.m. | Cash Bar and Hors d'oeuvres |
| 6:30–8:30 p.m. | Dinner – Salad, Petit Beef Filet with Chicken, Potatoes and Vegetables, and Dessert
Speaker – Dale Klein, PhD, Assistant Secretary of Defense for Nuclear, Chemical and Biological Defense , “Perspectives on matters relating to national defense and security of radioactive material from inside the Pentagon” |

Preliminary Agenda
Doubletree Hotel ♦ Austin, Texas
Friday, September 17, 2004

- | | |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:00–8:30 a.m. | Registration with Poster Session and Affiliates' Displays |
| 8:30–8:45 a.m. | Welcoming and Opening Remarks – President-Elect of the STC |
| 8:45–9:20 a.m. | Texas Radiation Advisory Board (TRAB): TRAB Chairperson |
| 9:20–9:55 a.m. | TCEQ: LLRW Disposal in Texas, Overview and Fees |
| 9:55–10:15 a.m. | Break with Poster Session and Affiliates' Displays |
| 10:15–10:50 a.m. | TCEQ: LLRW Disposal in Texas, Technical and Regulatory Aspects |
| 10:50–11:25 a.m. | Fusion Imaging
♦ Technical Aspects
♦ Regulatory Aspects |
| 11:25 a.m.–1:00 p.m. | Lunch (<i>ON YOUR OWN</i>) |
| 1:00–2:30 p.m. | Medical Issues and Emerging Technologies
♦ Microspheres, IVB, Proton Therapy, and CyberKnife®
♦ Mobile Nuclear Medicine, Authorizing APUs, and 10 CFR 35.1000 |
| 2:30–2:45 p.m. | Break with Poster Session and Affiliates' Displays |
| 2:45–3:30 p.m. | Regulatory Round Table featuring interaction between regulators and those regulated in a panel discussion format |
| 3:30 p.m. | Closing Remarks – President of the STC |
| 4:00–6:00 p.m. | STC-HPS Business Meeting and then Executive Council Meeting |

Accommodations

Doubletree Hotel – Austin

6505 North IH35

Austin, TX

For Reservations: (512) 454-3737

A block of 60 rooms has been reserved for Thursday, September 16, 2004, until **August 25, 2004**, under the name **Texas Radiation Regulatory Conference**. Room rates per night will be \$80 single or \$120 double occupancy. To secure these rates, you must call the reservation telephone number listed above and specify that you are with the Texas Radiation Regulatory Conference. You may also book a room online at www.austin.doubletree.com by clicking "Book a Room" and entering TQE in the block designated Group/Convention Code (under Special Accounts). After August 25, 2004, reservations will continue to be accepted based strictly on room availability; however, extension of the \$80 rate will be unavailable. Therefore, make your reservations early!

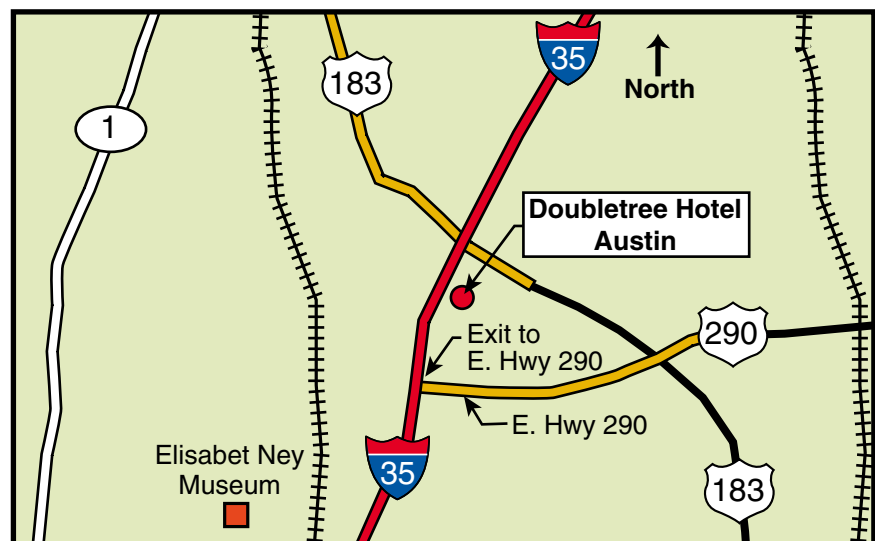
Doubletree Amenities

- ♦ *Executive Rooms and Suites available*
- ♦ *Courtyard pool ♦ Fitness center ♦ Guest pool table*
- ♦ *Premium cable TV, pay-per-view, HBO, CNN and ESPN*
- ♦ *In-room coffee makers, hair dryers, irons, and ironing boards*
- ♦ *In-room voice mail and video messaging ♦ Internet access in guest rooms*
- ♦ *Two telephones and two telephone lines in guest rooms*
- ♦ *Parking rate reduced from \$7/day to \$3/day*

Map to Doubletree Hotel – Austin

Directions

The Doubletree Hotel is directly off the IH35 northbound access road. Coming from the south, take the St. John's exit. The Doubletree will be on the access road on the right. Coming from the north, take the 290 East exit, and take the turnaround to the northbound access road. The Doubletree will be on the access road on the right.



Meeting Preregistration

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

Regulatory Conference & Summer Meeting

September 16–17, 2004

Doubletree Hotel ♦ Austin, Texas

Preregistration

Hotel Registration Deadline — August 25, 2004 ♦ STC Preregistration Deadline — August 25, 2004

Attendance will be limited to 400

On-site registration cannot be guaranteed

Attendee's Name _____

Attendee's Address _____

City _____ State _____ Zip _____

- Preregistration fee (technical sessions and dinner) - \$ 100
- On-site registration fee (technical sessions and dinner) - \$ 125
- Student (technical sessions and dinner) - \$ 25
- Need a receipt for this meeting
- Need CEU certificate

Mail this preregistration with your check (made payable to the STC-HPS) to arrive **before August 25, 2004**, to:

STC-HPS
Post Office Box 201723
Austin, TX 78720-1723
T: 512-834-6688 Ext. 2209
F: 512-834-6690

Preregistration will close August 25, 2004. If you will not be able to attend the meeting, please call and cancel your reservation **PRIOR TO AUGUST 25, 2004**. Any reservations **not cancelled by August 25, 2004**, will be regarded as confirmed reservations, and funds will be collected for the meeting. Refunds will be honored only for cancellations made before August 25, 2004. Registration fees collected after August 25, 2004, or at the door, if available, will be \$25 extra.

SOUTH TEXAS CHAPTER - HEALTH PHYSICS SOCIETY—2004 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: JSharp713@aol.com*)

ADCO Services

Len Warbiary
17650 Duval Drive
Tinley Park, IL 60477
WEB: www.adcoservices.com
E: lenw@adcoservices.com
T: 800-282-2326
F: 708-429-9759

Atomic Energy Industrial Laboratories (AEIL) of the Southwest, Inc.

Steven H. Allen
9261 Kirby Drive
Houston, TX 77054
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E: shallen@aeil.com
T: 877-866-2345 (toll-free)
F: 713-790-0542

Berthold Technologies, LLC

Darrell Scoggins
99 Midway Lane
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E: Darrell.scoggins@bertholdtech.com
T: 865-483-1488
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Bionomics, Inc.

John McCormick
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Canberra Industries, Inc.

Andrew Gaunt
Post Office Box 721352
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T: 214-324-7700
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Cardinal Health

Bryan Hughes
1011 Goldfinch
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F: 281-491-5174

Earth Tech Inc.

Ken Kreiger
110 Broadway Suite 320
San Antonio, TX 78205
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E: ken.krieger@earthtech.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

Global Dosimetry Solutions, Inc.

Phil Harris
3300 Hyland Avenue
Costa Mesa, CA 92626
WEB: www.dosimetry.com
E: pharris@icnpharm.com
T: 800-548-0136 Ext. 9379
F: 714-668-3149

ISO-TEX Diagnostics, Inc.

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

LND, Inc.

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3230 Lawson Boulevard
Oceanside, New York 11572
WEB: lndinc.com
T: 516-678-6141
F: 516-678-6704

Ludlum Measurements, Inc.

Dwane Stevens
Post Office Box 810
501 Oak Street
Sweetwater, TX 79556
WEB: www.ludlums.com
E: dstevens@ludlums.com
T: 325-235-5494
F: 325-235-4672

Microtec Services, Inc.

Quintin Stokley
110 Charles Street
Pasadena, TX 77506
E: qas.msi@ev1.net
T: 713-475-2274
F: 713-475-2362

Advanced Measurement Technology (Ortec)

Pete Veres
5901J Wyoming NE PMB 284
Albuquerque, NM 87109
WEB: www.ortec-online.com
E: pete.veres@ortec-online.com
T: 505-797-4642
F: 505-797-4657

Owens Scientific, Inc.

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6906 Escondido Drive
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T: 281-498-3311
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Philotechnics, LTD

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Web: www.philotechnics.com
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Phoenix Scientific Sales

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E: phoenixsales@mindspring.com
T: 770-642-8529
F: 770-642-0466

Protean Instruments Corp.

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Lenoir City, TN 37771
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E: jsonewald@proteaninstrument.com
T: 865-717-3456
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PULCIR, Inc.

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T: 865-927-6358
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Radiation Technology

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F: 512-795-8718

Saint-Gobain Crystals

Dave Stadelman
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Solulient Technologies, LLC

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Southwest Research Institute

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Suntrac Services, Inc.

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1818 East Main Street
League City, TX 77573
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Texas State Technical College

Linda Morris
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T: 254-867-2952

The Delphi Groupe, Inc.

Ron Gauny
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Austin, TX 78741
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E: rdgauny@delphigroupe.com
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F: 512-462-1187

Thermo-Electron RM&P

Mike Shepherd
1600 Briergate Drive
Duluth, GA 30097-4321
WEB: www.thermo.com/rmp
E: michael.shepherd@thermo.com
T: 770-476-1547
F: 770-497-9188

Thermo MeasureTech

Ralph S. Heyer
2555 North IH 35
Round Rock, TX 78664
WEB: www.thermo.com
E: Ralph.heyser@thermo.com
T: 512-388-9287
F: 512-388-9200

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

South Texas Chapter - Health Physics Society Member Renewal/Application

Please Print – This information is used for mailing labels and directory listing.

Name _____ Business Name _____
 Home Address _____ Business Address _____

 Home Phone _____ Business Phone _____
 Home Fax _____ Business Fax _____
 Email _____

- I only want *The Billet* electronically.
 I would prefer to receive mail at: Home Business
 I would prefer to receive calls at: Home Business
 Yes, I am a National HPS member.
 Yes, I am a Certified Health Physicist.
 Yes, I am a Registered Radiation Protection Technologist.
- I would like to be a Meeting Mentor
 My interest or area of expertise _____

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

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

STC-HPS dues for the year:

Regular membership:	\$10.00/yr × _____ Years	= \$ _____
Student membership:	\$5.00/yr × _____ Years	= \$ _____
Student Scholarship Fund Donation (tax deductible)*		= \$ _____
Science Teachers Workshop Donation (tax deductible)*		= \$ _____
Total Enclosed		= \$ _____

*For two \$10 donations, you get a free STC lapel pin.

Please mail this form with your check or money order (please do not mail cash) to:

Susan Jablonski Admissions (Membership) Committee Chair 14904 Haley Hollow Austin, TX 78728	E: SJABLONS@tceq.state.tx.us T: 512-239-6731 F: 512-239-5151
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**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*.

STC Members Giving Above and Beyond

Susan Jablonski

When responding to their 2004 dues renewal notices, many Chapter members were generous enough to donate to our Student Scholarship Fund and Science Teacher Workshop Fund. These donations are critical to the educational outreach efforts of our chapter. Next time you see these good people, take a moment and thank them for supporting your Chapter and furthering education in health physics.

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Ronald Bradford
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Mark Buxkemper
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Luz N. Cheng
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