



# THE BILLET

Health Physics Society ♦ South Texas Chapter ♦ Radiation Safety Specialists

## 2008 National AAPM Meeting Will Be in Houston

*Otto Zeck*

The city claiming to be home to the Texas Medical Center will host the 2008 National American Association of Physicists in Medicine (AAPM) in 2008. The George R. Brown Convention Center in downtown Houston will serve as

the meeting site for the recently announced AAPM gathering. An upgrade of many downtown streets, a light rail transportation system, in addition to the fine bus service and airport connections, new sports venues, and a new 1,200-room

Hilton Hotel adjacent to the Convention Center were all cited as factors in choosing Houston for this honor. The meeting will be held July 27–31, 2008, and John Hazle, PhD, will chair the Local Arrangements Committee. ♦

## Chapter Active in “Dirty Bomb” Education and Preparedness

*Bob Emery*

The South Texas Chapter of the Health Physics Society (STC-HPS) has been very active in education and preparedness activities across South Texas to assist with addressing the threat of terrorist attack involving radiological dispersal devices, or so called “dirty bombs.”

STC-HPS members participated in a public information seminar hosted by The University of Texas Health Science Center at Houston School of Public Health (UTHSCH-SPH) and the Houston VA Medical Center on “Comprehending the Threat of Domestic Nuclear Terrorism.” The

seminar was attended by approximately 130 individuals and received media coverage, including a report on National Public Radio.

Following this seminar, Bob Emery, STC-HPS President, provided the course content to numerous organizations, ranging from local groups of occupational health nurses to El Paso Energy Corporation. Emery was also asked to provide testimony to a Texas House of Representative Subcommittee on this topic. Most recently, Emery has entered into preliminary discussions with the City of Houston about the possibility of a

“dirty bomb” training drill for City emergency responders that would involve the use of actual sources of radioactive material.

In concert with these activities, Emery has coordinated with the Texas Department of Health Bureau of Radiation Control to create a central database of all radiation source incidents and complaints in Texas since 1958. Incident and complaint reports, currently in text form, have been entered into a massive database by UTHSCH-SPH graduate students Janet McCrary, Mario Soares, Mike Pokluda, and Scott Patlovich. Summary

data from this effort has been added to the terrorism preparedness training materials and will be used in the future to assess trends and relative risks.

At the invitation of the Conference of Radiation Control Program Directors (CRCPD), Emery provided a presentation to a joint gathering of state, national, and international regulatory authorities during their annual meeting in Madison, WI, on May 6, 2002. To facilitate educational outreach activities on a national scale, Emery offered the training material content to any interested parties involved with the CRCPD.

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## HEALTH PHYSICS SOCIETY South Texas Chapter RESOLUTION

WHEREAS, all Texas citizens enjoy the benefits of the use of radiation and radioactive materials, including diagnosis and treatment of diseases, biomedical and other research, and generation of electrical power from facilities with no combustion product emissions; and

WHEREAS, The South Texas Chapter of the Health Physics Society includes as its members those involved with and knowledgeable in all of these beneficial areas of endeavor as well as others not described; and

WHEREAS, the continued use and benefits of radioactive materials can be maximized only through the availability of safe disposal facilities for the low-level radioactive waste generated by these beneficial activities; and

WHEREAS, the low-level radioactive waste disposal facility in Barnwell, South Carolina, is scheduled to permanently restrict out of Atlantic Compact waste in the year 2008, impacting Texas waste generators currently using that site; and

WHEREAS, on-site storage creates multiple storage sites for radioactive waste material throughout the state; and

WHEREAS, the State of Texas is obligated to its Low-Level Radioactive Waste Compact partners to provide a disposal facility for low-level radioactive waste;

NOW, THEREFORE, BE IT RESOLVED THAT:

The South Texas Chapter of the Health Physics Society continues to strongly support the need for a safe central and accessible facility for long-term care, maintenance, and/or disposal of low-level radioactive waste and urges, upon careful review, that the Texas legislature pass legislation that will allow for the development of such a facility.

PASSED AND APPROVED ON THIS 26TH DAY OF APRIL 2002

Signed by  
Robert J. Emery, STC-HPS President

## Alamo Regional Science Fair Results

John Hageman and Jim Lewis

**A**t the Alamo Regional Science Fair, Jim Lewis and I had the wonderful opportunity to be Special Category Judges representing the South Texas Chapter (STC). Our purpose was to determine if there were any student science projects that were both related to radiation and well presented for an award from the STC. The award consists of a plaque that bears the STC logo and the student's name. These are impressive plaques. Also, the award includes a book containing a complete *Chart of the Nuclides*.

On Friday, March 8, 2002, Jim Lewis and I spent about 4 hours touring the Science Fair projects that represented the best projects from the schools in and around San Antonio. Both of us were awed by the ingenuity and creativeness of the students at this showing.

We didn't find any projects specifically on ionizing radiation but did find several on non-ionizing radiation. We interviewed the students of these projects to determine their level of knowledge of their project. There were two outstanding students that spent a lot of time collecting data, performing analyses, and preparing their Science Fair displays. These two students were very knowledgeable about their projects and about physics in general. The two students were in the Junior and Senior Categories, and Jim and I had no problem deciding that

their projects were the best in the "radiation" category.

In the Junior Division, the STC Award winner was Christopher Hoff (right), whose project was entitled, "Do Your Sun Glasses Truly Provide Enough UV and VL (visible light) Protection?" His testing process and results concluded that even clear lenses provide total UV protection and that polarized lens sunglasses are best for clear vision in the visible wave length, while eliminating the unsafe glare from the blue-light wavelengths. Christopher Hoff is a student at Bush Middle School in San Antonio, TX.

In the Senior Division, the STC Award winner was Jacob Stolarski, whose project was entitled "Reduction of Protection for Laser Eyewear." His science project measured a very clear threshold for protective goggle/glasses failure, after a number of laser exposures. Jacob concluded that current regulations and protective guidance may need to be modified to test protective eyewear to verify their effectiveness and replacement when the loss of protection occurs. Jacob Stolarski is a student at the International School of Americas, in San Antonio.

Jim Lewis spent half the day Saturday at the fair to present the STC Awards to the students. Jacob was not able to attend the Awards Ceremony. ♦



### Future Meetings

| Date                   | Location   | Topic   | Deadline for <i>The Billet</i> |
|------------------------|--|---|--------------------------------|
| August 16 & 17, 2002   | University of Texas<br>J.J. Pickle Research Center<br>Austin/Round Rock, Texas | Toward Compliance Assurance   | NA                             |
| November 15 & 16, 2002 | Hyatt Hotel, Riverwalk<br>San Antonio, Texas                                   | Affiliates' Vendor Fair &<br>Local Arrangements Committee Mtg.        | September 13, 2002             |
| January 2003           | Hyatt Hotel, Riverwalk<br>San Antonio, Texas                                   | Health Physics Aspects of Homeland<br>Security and Emergency Response | N/A                            |

## Minutes of the Executive Council Meeting of the South Texas Chapter of Health Physics Society, Inc. *Hilton College Station ♦ College Station, Texas* *April 26, 2002*

**Executive Council (EC) Members in Attendance:** Susan Jablonski, President; Bob Emery, President-Elect; Ian Hamilton, Past President; Pete Myers, Secretary; Mike Charlton, Treasurer; Jim Lewis, EC Member; Chris Maxwell, EC Member; Jim Sharp, EC Member.

**EC Member not in Attendance:** Ken Krieger, Treasurer-Elect.

**Committee Chairs in Attendance:** David Fogle, Admissions; Bob Wilson, Legislative; Janet McCrary, Nominating; Bob Emery, Program; John Salsman, Publications; Karen Myers, Public Relations; Ian Hamilton, Science Teacher Workshop; John Hageman, Editor of *The Billet*.

**Committee Chairs not in Attendance:** Rob O'Donel, Affiliate Membership; Linda Morris, Student Assistance.

**Chapter Members and Guests in Attendance:** Rick Jacobi; Mary Van Baalen; John Poston, Sr.; Ruben Cortez; Al Evans.

**Call to Order** — A quorum having been established, the meeting of the EC of the South Texas Chapter of Health Physics Society, Inc. (STC-HPS), was called to order at 6:15 pm by President Susan Jablonski.

**Approval of Minutes of EC Meeting on January 25, 2002** — Susan Jablonski asked the EC if there were any changes to be made to the minutes of the meeting held January 25, 2002. No changes to the minutes were recommended. A motion to accept the minutes as written was made by Mike Charlton; the motion was seconded by Bob Emery. There being no discussion, Susan called for a vote on the motion, and the motion was passed unanimously.

**Approval of the Agenda** — A motion was made by Bob Emery to accept the agenda as amended. The motion was seconded by John Salsman. There being no discussion, Susan called for a vote on the motion, and the motion was passed unanimously. A motion was made by Bob Emery to adjourn at 8:30 pm or whenever the business of the EC for the evening is completed. The motion was seconded by John Salsman and passed by unanimous voice vote of the EC.

**President's Report** — Susan addressed the group, "As this is my last meeting as President, thank you for all your hard work. Many thanks to Jim Lewis and Chris Maxwell for setting up and

staffing the STC booth at the HPS Midyear Meeting in Orlando to advertise the 2003 HPS Midyear Meeting, which will be held in San Antonio.

"I wrote a letter to the Secretariat proposing that Dr. Dale Klein and U.S. Army Colonel Bob Eng be plenary speakers at the 2003 HPS Midyear Meeting, the topic for which will be 'Health Physics Aspects of Homeland Security and Emergency Response.'"

Chris Maxwell and Ken Krieger represented the STC at a meeting on Radiation Safety Without Borders held in conjunction with the Orlando HPS Midyear meeting. In attendance were representatives from the International Atomic Energy Agency, Department of Energy, Environmental Protection Agency, Nuclear Regulatory Commission, and HPS Chapters. Many details and terms on funding still need to be developed. The STC is among those chapters most actively involved in the program. Another meeting is scheduled to be held in conjunction with the HPS Annual Meeting in Tampa; Susan will represent STC at that meeting, but others are welcome to participate. Bob Emery had asked Susan to investigate getting funding from HPS to send someone from the STC along with the group from University of Texas Health Science Center-Houston (UTHSC-H) to Costa Rica. After further consideration, it was decided to hold off and let the UTHSC-H team get a feel for country requirements. Bob is on the UTHSC-H team and will be traveling to Costa Rica the week after the HPS meeting in Tampa, jointly funded by National Institute of Occupational Safety and Health (NIOSH) and Pan American Health Organization (PAHO) to conduct week-long occupational health and safety training for hospital administrators and primary care physicians (one day each will be spent on biological waste management, chemical waste management, and radioactive waste management). During the day on radioactive waste management, Bob will tactfully conduct a needs assessment from which we can better focus our efforts. A needs-assessment tool will be administered to participants, principally focusing on waste management and Quality Assurance/Control for medical uses of radioactive material.

Chairpersons have been designated for our two new Ad Hoc Committees: Mary Van Baalen has agreed to chair the Strategic Planning Committee, and Marty Meltz has agreed to chair the Task Force for Nuclear Training Endeavors.

Based upon an STC proposal, HPS is going to implement a mentoring program at the 2002 Annual Radiation Safety Conference and Exposition in Tampa. Please consider volunteering to be a mentor.

Thanks to Ken Krieger, Jim Sharp, Rob O'Donel, and Jim Lewis who represented STC at our booth at the Southwest Chapter of the Society of Nuclear Medicine (SWCSNM). Jim Sharp reported that quite a number of meeting participants stopped by our booth; some persons who had let their STC memberships lapse requested membership application forms. SWCSNM is interested in having a booth at one of our next meetings. Thanks to Suntrac Services for letting us use their booth.

The deadline for submission of articles to be published in the next issue of *The Billet* is June 14.

**Treasurer's Report** — Mike Charlton reported that this is his last meeting as Treasurer, and he is pleased to report that the Chapter is in excellent financial health with total assets of \$104,871.42.

In response to a question on IRS reporting from Rick Jacobi, Mike indicated that we are required to show that we have a certain amount of gross receipts each year, and if we exceed \$25,000 in gross receipts in a year, we would be required to file an IRS return. The last time we exceeded \$25,000 in gross receipts in a year was in 1996 when we co-hosted a regulatory conference with TDH/BRC. Our gross receipts in 2001 were \$18,000.

Bob Emery made a motion to accept the Treasurer's Report. The motion was seconded by Jim Lewis, and the motion passed by unanimous voice vote.

**Reimbursements** — A request was made by Karen Myers to reimburse the Secretary for \$100.66 for expenses associated with mailing out the ballots for the recent chapter officer elections. The request was approved by unanimous voice vote of the EC.

A request was made by David Fogle to reimburse him \$120.04 for procurement of a Past-President Plaque. The request was approved by unanimous voice vote of the EC.

**Secretary's Report** — Pete Myers

**Election Results:**

|                  |                 |
|------------------|-----------------|
| President-Elect: | Mike Charlton   |
| Secretary:       | Mary Van Baalen |
| Board Director:  | Stacy Krieger   |

Linda Morris forwarded a nice note from Chris Huff thanking us for awarding him with a plaque and Chapter membership for his sunglass lens project at the Alamo Regional Science Fair.

A letter from the IRS was forwarded to Treasurer Charlton. The letter asked us to review our financial records to determine if we needed to file an IRS Form 990. Mike indicated that he had reviewed our FY2001 tax records, and based on gross receipts of \$17,814.62 and total assets of \$99,587.81, we were not required to file an IRS Form 990. Mike did, however, complete and mail other forms to the IRS, updating our records and providing information necessary to maintain our tax-exempt status.

In response to Susan's directive to develop a Records Retention Schedule and on David Fogle's suggestion, Secretary Myers contacted HPS to see about using their Records Retention

Schedule as a model. Pete learned that HPS does not have a Records Retention Schedule. Pete recommended that STC should adopt a policy whereby records that have served their purpose should be discarded as soon as possible. The only documents designated for long-term retention should be the Treasurer's records (necessary for IRS tax-exempt status review) and records submitted to the Secretary to be made a part of the formal record of each meeting.

Examples of records that should be discarded include: Program Committee (Program Participant Invitational Letters; Meeting Announcements; Meeting Registration Forms; Hotel contracts once paid) and Admissions Committee (Membership Application Forms).

Susan directed that the incoming Secretary formalize this schedule.

A proposed revision to the STC Bylaws was published in *The Billet* in accordance with Article X. The proposed revision involves formally including the person designated by the STC President as the Chairperson of the Admissions Committee to be a member of the Admissions Committee. The proposed revision will be voted on by the Chapter General Membership at the next STC Business Meeting, April 27, 2002.

Bob Emery made a motion to accept the Secretary's Report. The motion was seconded by Mike Charlton, and the motion passed by unanimous voice vote.

**Standing Committee Reports**

**Program** — Bob Emery announced that at tomorrow's student competition for the Richard D. Neff Memorial Student Awards, John Hageman, Jim Lewis, and Ruben Cortez agreed to be judges.

The next meeting will be June 18, our traditional breakfast meeting at the HPS meeting in Tampa.

UTHSC-SPH/STC-HPS/Texas Bureau of Radiation Control (BRC) conducted a public information seminar hosted by the VA Medical Center on "Comprehending the Threat of Domestic Nuclear Terrorism." The seminar was attended by approximately 130 persons and received some local and national media coverage, including a report on National Public Radio (a recording of the report was played for the EC). Following the seminar, Bob Emery also was invited to speak to the El Paso Energy Corporation, and the City of Houston is requesting to be the site of a dirty-bomb drill, perhaps in August. Although in the conceptual stage, Bob is thinking about getting permission from the BRC to disperse short-lived radioactive material on a Houston Fire Department restricted area to make the drill more effective and realistic.

A student Radiation Safety Needs Assessment exercise was well publicized in *The Billet*, the *National HP Newsletter*, and newsletters for Southwest Center for Occupational and Environmental Health (SWCOEH), UTHSC-SPH, and UTHSC-H.

UTHSC-H has been invited to develop an edition of *Operational Health Physics* dedicated to "Tropical Storm

Allison's Inundation of a 40-MeV University Cyclotron Facility: A Unique Learning Experience for Radiation Safety Practitioners and Students Alike."

The SWCOEH Training Series in Costa Rica was already discussed during the President's report.

Regarding Bob's upcoming term as President of the STC, the following committee appointments have been made:

|                      |                         |
|----------------------|-------------------------|
| Admissions           | David Fogle             |
| Public Relations     | Rick Jacobi             |
| Nominations          | John Poston, Sr.        |
| Science Teachers     |                         |
| Workshop             | Susan Jablonski         |
| Affiliates           | Rob O'Donel             |
| Legislative          | Bob Wilson              |
| Publications         | John Salsman            |
| Student Assistance   | Linda Morris            |
| 2003 Midyear Local   |                         |
| Arrangements         | John Hageman, Jim Lewis |
| Ad Hoc Strategic     |                         |
| Planning             | Ruth McBurney           |
| Ad Hoc Task Force on |                         |
| Nuclear Training     | Marty Meltz             |

**Admissions** — David Fogle reported that 20 persons applying for membership were approved for membership by the EC. Chapter membership now stands at 255.

The Chapter Directory is not ready for publication. Part of the delay is in receiving current, high-quality advertisements from all of our Affiliate Members.

**Nominations** — Janet McCrary announced the winners of the following awards:

- HPS Chapter Volunteer of the Year Award:  
Stacy Krieger, Janet McCrary, John Hageman, and Jim Lewis.
- STC Acknowledgement of Exceptional Service:  
Chris Maxwell, Ken Krieger, Amy Orders, and Matt Arno.
- HPS Robley D. Evans Commemorative Medal:  
John Poston, Sr.

The new Nominations Committee should consider pursuing nominations of distinguished senior members for HPS Awards (Margaret Maxey, Roy Craft, Dave Cadena, and others). The deadline is March 1, 2003.

The new Nominations Committee should consider nominating a deserving science teacher for the HPS Science Teacher of the Year Award.

A Guide for STC Nominations Committee Duties has been developed to assist the new Nominations Committee Chairperson assume their responsibilities.

**Public Relations** — Karen Myers reported that two articles were submitted to *The HPS Newsletter*, and several articles were submitted to *The Billet*. An article on Rick Jacobi as the next longest-standing, continuously active STC member will be submitted for publication in the next issue of *The Billet*. The

article on Rick will be the seventh article in the series. Karen offered to continue writing the articles on the longest-standing, continuously active STC members.

As Karen stepped down from her position as Chairperson of the Public Relations Committee, she was congratulated for setting a new standard for the Public Relations Committee and for inspiring other Chapters to begin submitting more articles for publication in *The HPS Newsletter*.

### Appointed Committee Reports

**Affiliate Membership** — Susan Jablonski reported for Rob O'Donel that the Affiliate membership has increased by three from last year. Following coordination with the Affiliates, next year's Affiliate Fair will be held in November in the Hyatt Regency (same hotel where the 2003 Midyear will be held). We're considering holding a social the night before the meeting.

**Legislation** — Bob Wilson reported that the Committee on Environmental Regulation of the Texas Legislature will meet April 29, 2002, to address several Interim Charges (e.g., examine problems related to lost and stolen radioactive material especially as relates to terrorist activities).

In 1996, the STC passed a resolution supporting the issuance of a license for the Texas Low-Level Radioactive Waste Disposal Authority's proposed site in Hudspeth County. Because disposal options are becoming increasingly limited, the STC should consider reaffirmation of its position advocating establishment of a Texas facility to manage low-level radioactive waste material. Bob presented such a proposed resolution for approval by the EC. Before considering the proposed resolution, Susan Jablonski excused herself from the process because of her regulatory closeness to the issue and temporarily passed Chairpersonship of the EC to Bob Emery. After discussion and minor modification, Mike Charlton made a motion to approve the resolution; the motion was seconded by Jim Lewis and approved by unanimous voice vote of the EC. Then President Emery will present the resolution to the Committee on Environmental Regulation at its April 29, 2002, meeting.

The Texas Radiation Advisory Board met on April 6, 2002. Several items were discussed [e.g., support for a mammography certification program; a laser/high-intensity pulsed light sources program; increased financial compensation (salary) for the BRC technical staff; the intention of the Board of Medical Examiners proposal for rules on the uses of lasers on people].

The Board voted to propose the "financial qualification" rules. Bob believes that the BRC, rather than requiring an assets test, needs to focus on what it is that they are intending to assure within the statutory mandate and develop a means to allow licensees to show qualification to conduct the licensed activity without regard to the financial viability of the licensee as an on-going concern. Bob intends to work closely with the BRC to craft more effective rules.

A California judge issued an order blocking the State's proposal to let decayed radioactive waste meeting NRC's criteria

for being released to unrestricted areas, to be disposed in municipal waste landfills. The order is certain to be challenged.

**Publications** — John Salsman submitted an article to *The Billet* on what the Publications Committee does. A request was made for persons to volunteer to serve as technical editors for articles submitted for publication in *The Billet*.

**Science Teacher Workshop** — Ian Hamilton reported that after recently conducting two Science Teacher Workshops, we have conducted five Science Teacher Workshops during President Jablonski's term. The two most recent workshops were conducted at Stephen F. Austin State University where 18 science teachers participated and Bob Berry, Al Evans, Ian Hamilton, and Frank Iddings instructed; and at Texas A&M University (TAMU) where 39 science students and 11 science teachers participated and Bob Berry; Al Evans; Ian Hamilton; Frank Iddings; John Poston, Sr.; and Alan Waltar instructed with tours provided by Marvin Adams and Bill Asher (Reactor), Donald Halter (Veterinary Nuclear Medicine), and Doug Johnson (Food Irradiator).

We made the Science Teacher Workshops more cost effective by having some costs underwritten by other interested organizations (e.g., American Nuclear Society, Nuclear Energy Institute, TAMU's Nuclear Engineering Department) and providing teachers with hard copy of only the lesson plans for the grade levels they instruct (CDs with all material for all grades are still provided to each participant).

Ian wanted the EC to consider instituting a policy whereby volunteer instructors could be reimbursed for costs they incur when they travel to participate in a Science Teacher Workshop; an alternative would be to let volunteers know that they can write off expenses incurred on their income taxes. Susan said expanding the group of persons who would be willing to participate as instructors would lessen the financial burden on a relative few and each committee should be submitting an operating budget at the beginning of each year, and that type of expense could be included in the Science Teacher Workshop Committee budget.

Ian will be putting in a proposal to Entergy for funding for an STC Science Teacher Advisory Council.

An application has been submitted to conduct a Workshop in conjunction with the Conference for the Advancement of Science Teachers (CAST) 2002 in El Paso. Another opportunity is at the American Association of Physics Teachers that meets twice a year (their next meeting is in Brownsville, but we should wait for their spring meeting in San Marcos). They have good venues, encourage participation, and subsidize some of our breaks.

**Ad Hoc Strategic Planning Committee** — Mary Van Baalen reported that Ruth McBurney is on the Committee. Ruth has been on the HPS Strategic Planning Committee so she has all of their strategic planning information. They've reviewed the HPS SWOT analysis (strengths, weaknesses, opportunities, and threats), provided by Bob Cherry, and highlighted the areas agreed upon so the plan developed is "in synch" with what HPS has done. In doing so, it was decided to adopt the same stakeholders and stakeholder needs identified by HPS (e.g., what do

our members want for their \$10 membership dues; what can we provide our stakeholders in the way of educational resources).

**Student Assistance Committee** — Susan Jablonski reported for Linda Morris that the regional fairs in which we participated were Alamo Regional Fair (Jim Lewis and John Hageman), Brazos Valley Regional Fair (John Salsman), Science and Engineering Fair of Houston (Janet McCrary, Kate Maness, and Rhandi Selde), Central Texas Science and Engineering Fair (Linda Morris), and Austin Area Science Fest (Susan Jablonski and David Fogle). Plaques and *Charts of the Nuclides* were presented to two students at each fair, and each awardee was offered a free Chapter student membership (three awardees have applied for membership).

The deadline for submitting applications for Education Grants is May 22, 2002. Three grants will be awarded.

**Ad Hoc Task Force on Nuclear Training Endeavors** — Susan Jablonski reported for Marty Meltz that the Task Force will be meeting tomorrow after the meeting.

### Old Business

The agenda item on possible advertising space in *The Billet* for course announcements, company advertisements, and employment notices was tabled.

Susan directed that Mary Van Baalen, Incoming STC Secretary, formalize an STC Records Retention Schedule, perhaps taking into consideration Outgoing STC Secretary Myers' recommendations.

### New Business

Susan reported that the Texas Environmental Education Partnership (TEEP) Board asked STC to put on a special workshop session at their conference in San Antonio, September 12–15. "We're envisioning a rotating demonstration portion as well as an overview of the classroom instruction materials portion. Our participation in this conference should allow TEEP Board members to see the value in our presentations and result in TEEP grants in support of STC Science Teacher Workshops in the future."

The leading prospects for the August 2002, meeting venue are Austin (Enhancing Regulatory Compliance) and Bay City (Reactor Issues). Discussions will be conducted with Richard Ratliff (Austin) and Tim Powell (Bay City) to decide the meeting location.

**Special Discussion (Update on 2003 HPS Midyear Meeting in San Antonio)** — John Hageman distributed a listing of persons assigned responsibilities for the 2003 HPS Midyear Meeting in San Antonio and asked everyone to make note of the responsibilities they have been assigned and the completion dates for those responsibilities. Others were encouraged to volunteer.

Jim Lewis mentioned that there is a 07/01/02 program deadline to Sue Burk. We need to have certain information to her that will be going in the Preliminary Program. Jim indicated that he

*Continued on p. 8.*

still needs to work out details on the night out at the Buckhorn. Susan Jablonski indicated that the Buckhorn may be too expensive and that she and Mike Charlton may be investigating an alternative venue.

Ken received preliminary indication from Dan Caputo that we could go ahead with planning for a technical tour at Brooks Air Force Base.

John Purnell said he could organize the 5K run/walk.

Susan invited Dr. Poston, in his capacity as Chair of the National Council on Radiation Protection (NCRP) Report 138, to speak during the Plenary Session. Dr. Poston accepted the invitation and recommended Dr. Steven Becker also be invited to speak during the Plenary Session. Dr. Becker was the member of the NCRP Report 138 committee who focused on psycho-social aspects of nuclear terrorist events. Susan indicated that she would contact Dr. Becker.

It was decided that Bob Emery, as the sitting STC President, would introduce the HPS President to open the Midyear Meeting instead of attempting to obtain some other luminary.

Rick Jacobi, Public Relations Committee Chair, was asked to ensure that a series of articles on the Midyear Meeting and highlights of the San Antonio area were submitted for publication in *The HPS Newsletter*.

The STC website should be updated to include information on the upcoming Midyear Meeting in San Antonio, and the website should be publicized in the preliminary program and the articles that are submitted for publication in *The HPS Newsletter*.

Rob O'Donel, Suntrac Services, has volunteered the use of their booth during the 2002 HPS meeting in Tampa to advertise the 2003 Midyear Meeting in San Antonio. One thousand stickers to be passed out at the booth will cost roughly \$400.

To upgrade the quality and quantity of the food at the reception, we may want to investigate if either STC's Affiliates (or the STC itself) may want to contribute some additional funds with the expectation that they would receive special credit. Susan indicated she would investigate this with Rob O'Donel.

**Adjournment** — Susan adjourned the meeting at 9:00 pm. ♦

## Incoming & Outgoing South Texas Officers and Committee Leaders

*Mary Van Baalen, Secretary, STC-HPS*

***The ballots you cast have been counted, and congratulations are in order for those you elected:***

|                   |                 |
|-------------------|-----------------|
| President-Elect   | Mike Charlton   |
| Secretary         | Mary Van Baalen |
| Executive Council | Stacy Krieger   |

***STC's Officers and Directors for 2002–2003 are:***

|                   |   |
|-------------------|---|
| President         | Bob Emery                                   |
| President-Elect   | Mike Charlton                               |
| Past President    | Susan Jablonski                             |
| Secretary         | Mary Van Baalen                             |
| Treasurer         | Ken Krieger                                 |
| Executive Council | Chris Maxwell<br>Jim Sharp<br>Stacy Krieger |

***President Emery has named the following persons to serve as Chairs of STC's committees:***

|                           |   |
|---------------------------|---|
| Admissions                | David Fogle   |
| Affiliates                | Rob O'Donel   |
| Legislation               | Bob Wilson  |
| Nominating                | John Poston, Sr.  |
| Program                   | Mike Charlton   |
| Publications              | John Salsman, with John Hagemen<br>remaining as Editor of <i>The Billet</i> |
| Public Relations          | Rick Jacobi   |
| Science Teacher Workshops | Susan Jablonski   |
| Student Assistance        | Linda Morris  |
| Strategic Planning        | Ruth McBurney   |
| Terrorism Task Force      | Marty Meltz   |

Please join me in wishing all good fortune as we serve the Chapter and HPS throughout the year.

Congratulations and a very special thanks are extended to the outgoing officers, directors, and committee leaders for their service, dedication, and extensive time spent in hard work for the STC-HPS. They are Susan Jablonski, President; Ian Hamilton, Past-President and Science Teacher Workshops Committee Chair; Pete Myers, Secretary; Jim Lewis, Executive Council; Mike Charlton, Treasurer; Janet McCrary, Nominating Committee Chair; Karen Myers, Public Relations Committee Chair; and Mary Van Baalen, Strategic Planning Committee Chair. ♦



## AFFILIATES HIGHLIGHTS

### Solutient Technologies: Smaller Is Better

*John Kowal, Solutient Technologies, LLC*

**Y**our company has an environmental issue at the site. Your financial officer is wondering how to allocate funds to support the cleanup. Fears of skyrocketing remediation costs are haunting you. To whom do you turn?

You need the services of expert environmental remediation professionals. They can help you prepare a comprehensive plan to solve your problem.

That's why we formed Solutient Technologies.

Solutient was founded in 1997 to offer superior service and an affordable alternative to larger environmental remediation firms. We believe a smaller company, like ours, can control costs more

effectively without sacrificing experience and capability.

Solutient operates with one primary theme: ***The customer is first!***

At Solutient, we recognize the need to start work as quickly as possible. During the last few years, Solutient has obtained three separate radioactive materials licenses in the states of Ohio, Tennessee, and California that are "mobile," which means they authorize decontamination activities at customer facilities. In most cases, reciprocity for licensed work within another Agreement state or NRC-licensed state is routine with approvals obtained within a few days but never more than two weeks.

Operating from its headquarters in North Canton, Ohio, Solutient employs an experienced team of environmental engineers and talented project managers who have been part of regulatory agencies, manufacturers, defense contractors, and consultancies throughout North America. From site characterizations, including MARSSIM surveys, to the design and implementation of large-scale remediation projects, Solutient is capable of meeting even the most complex needs of our customers. Solutient is available 24 hours a day providing emergency response to any location within the Continental U.S.

Solutient is one of the few small businesses to have

received a basic ordering agreement with the DOE as part of the National Metals Recycling program. Solutient has also been qualified by the U.S. Army to perform all radioactive work. Solutient is focusing on providing NORM services to the oil and gas industry nationwide, particularly in the State of Texas.

Solutient Technologies is proud to be an affiliate member of the South Texas Chapter of the Health Physics Society. For more information, please contact our office **toll free at 877-787-8721**, or log on to our website at **[www.solutientech.com](http://www.solutientech.com)**. ♦

### Recent Activities of the Strategic Planning Committee

*Mary Van Baalen*

**A**s a result of the past, present, and future discussions at the November 9 & 10, 2001, meeting, an ad hoc committee to look at strategic planning for the South Texas Chapter was formed. The Committee membership includes:

*Al Evans ♦ Christy Shriver ♦ David Fogle ♦ Eddie Selig*

*John Salsman ♦ Ken Krieger ♦ Ruth McBurney*

*Susan Jablonski ♦ Mary Van Baalen ♦ Bob Emery*

Ruth McBurney, a member of the strategic planning group for the National HPS, was able to provide the STC committee with notes from the National group's meetings and their resulting strategic plan. Interestingly, the National HPS group performed a Strength, Weaknesses, Opportunities, and Threats (SWOT) analysis as part of the development of their strategic plan. As their first action, the STC strategic planning committee performed a comparison of both groups' analysis. This comparison showed consistency in thought processes. As a result, it was decided to adopt the same stakeholders and stakeholders' needs that were identified by the National group.

The stakeholders the Committee adopted include the STC's current membership, legislators, regulators, nonmember HPs, nonmember practitioners, media, and the public. These stakeholders' needs can primarily be categorized under a broad heading of education or educational resources. Given the STCs many training endeavors, this seems to be right up our alley and another avenue in which the Chapter can excel. ♦

## Neutron Activation Analyses Rule the Day!

Mike A. Charlton

The South Texas Chapter (STC) went back to school on Saturday, April 27, 2002. Texas A&M University played host to the annual STC student paper competition. Students from around Texas gathered to share the results of innovative health physics research projects.

The Saturday morning “Back to Basics” professional development lecture kicked off the meeting. STC President Robert Emery delivered a thought-provoking review entitled “Risk Management Basics.” Dr. Emery discussed the subtleties of risk minimization, risk financing, and retaining risk.

Students from Texas A&M University, Texas University, UT School of Public Health, and UH-Clear Lake participated in the annual event honoring health physics legend Richard D. Neff, Ph.D. Students did a commendable job presenting their research projects. The diversity of research topics educated a crowd of 65 STC members. Environmental monitoring, radioactive waste disposal, and radiation detection were among the topics reviewed by the student speakers. However, attendees will likely remember the intricacies of Neutron Activation Analyses. Several students used this noninvasive technique for analyzing everything from human hair to guitar strings.

The 2002 R.D. Neff Award winner in the graduate student category was Matt Arno with his presentation, “Radiation streaming and skyshine evaluation for a proposed low-level radioactive waste assured isolation facility.” The 2002 R.D. Neff Award winner in the undergraduate category was shared between Filip Finodeyev for “Improving the Radiation Detection Workstation” and Dewayne Bagley for “A Study on the Composition of a Tree Over its Lifetime.” However, all of the student presenters should be lauded for their hard work!

Attendees dined atop Aggieland in the A&M Faculty Club located on the 11th floor of the Memorial Student Center. A light buffet luncheon enabled a short networking session prior to the keynote address.

Dr. John W. Poston, Sr. delivered an overview of the new NCRP Report Number 138, Management of Terrorist Events Involving Radioactive Material. Dr. Poston praised the current efforts of emergency responders while emphasizing the need for further training throughout Texas. Several STC members commented on the appropriateness of the upcoming January 2003 HPS Midyear meeting on Health Physics Aspects of Homeland Defense.

Outgoing STC President Susan Jablonski reviewed the annals of STC history in her “State of the Chapter” address. Participants recalled the humble beginnings in the 1970s when the hat was passed to pay for chapter social events. The STC audience bestowed a standing ovation on Susan

for her tireless work over the years. In appreciation for her leadership, STC President Emery presented Susan with a gavel commemorating her presidency and a framed copy of the special September 2001 issue of *The Billet*.

After the business meeting, Dr. Martin Meltz representing the “crown jewel” at



*Dave Cadena and Roy and Alta Craft visit during a break.*



*To commemorate an outstanding year as President of the STC, Susan Jablonski receives a plaque from Bob Emery. She is also awarded a framed copy of the October issue of The Billet, showing her cover story.*



*John Hageman and Jim Lewis report on the Local Arrangements for the 2003-HPS Midyear in San Antonio.*

The University of Texas Health Science Center at San Antonio, discussed STC plans for expanding Health Physics Homeland Defense initiatives in 2002–2003. Members with an interest in training emergency responders were invited to contact Dr. Meltz via email at [meltz@uthscsa.edu](mailto:meltz@uthscsa.edu). ♦

## New South Texas Chapter Members

*David Fogle*

***The STC wants to welcome or welcome back the following people:***

|                          |   |
|--------------------------|---|
| Bernadette Baca          | U.S.N.R.C. – Arlington, TX  |
| Teresa Blocker           | Texas Tech University HSC – Houston, TX                               |
| Peter J. Boomgaard       | UTMD Anderson – CC – Houston, TX                                      |
| Roy D. Coons             | TAMU – CC – College Station, TX                                       |
| Beatrice A. Clack        | Stephen F. Austin State University –<br>Nacogdoches, TX               |
| Jeffery Davis            | U.S. Army Corp of Engineers –<br>Gordonville, TX                      |
| William C. Davis         | St. Phillips College – San Antonio, TX                                |
| Marianne Gabel           | Austin, TX  |
| Amanda Hartman           | Science Fair Winner – China Spring High School –<br>Waco, TX          |
| Christopher Huff         | Science Fair Winner – Barbara Bush<br>Middle School – San Antonio, TX |
| Si Young Jang            | TAMU – student – College Station, TX                                  |
| Wilson John              | Bayou City Medical Center – Houston, TX                               |
| Austin Johnson           | Science Fair Winner – Hutton High School –<br>Waco, TX                |
| Eddie K. Jones           | Innova Electronics – Houston, TX                                      |
| Ken Mabry                | Pathfinder Energy Services – Houston, TX                              |
| Carolyn Sloan            | American Society of Safety Engineers –<br>Campbell, TX                |
| Elliott Snell            | Son of Warren Snell – Houston, TX                                     |
| Nina K. Springer         | ExxonMobil – Houston, TX  |
| Thomas J. Trese          | Center for Neurologic Disorders –<br>UTHSC at Houston – Houston, TX   |
| Synthia Williams Wiggins |   |

***As of April 2002, the current status of the STC is:***

|                      |             |
|----------------------|-------------|
| Chapter Membership   | Total = 255 |
| HPS members          | = 118       |
| Non-HPS members      | = 137       |
| ABHP certified       | = 31        |
| NRRT certified       | = 18        |
| Other certifications | = 9         |

## Nominations Committee

*John W. Poston, Sr., Chair*

I have agreed to serve as the new Chair of the STC-HPS Nominations Committee. As such, I am interested in soliciting the help of Chapter members who want to get involved in this important activity. We will have responsibility for producing the next slate of candidates for Chapter offices. In addition, it will be our responsibility to respond to “calls for nomination” for national offices in the Health Physics Society. If you are interested and willing to become involved, please send me an e-mail at [poston@ne.tamu.edu](mailto:poston@ne.tamu.edu).

Thanks in advance for your help.

# Come to San Antonio Midyear 2003 in January

**P**ut the 2003 Midyear in San Antonio on your calendar NOW. You'll be sorry if you miss it! You'll be talking about what you learned and remembering what you did for a long, long time afterward. See you in San Antonio, January 2003.

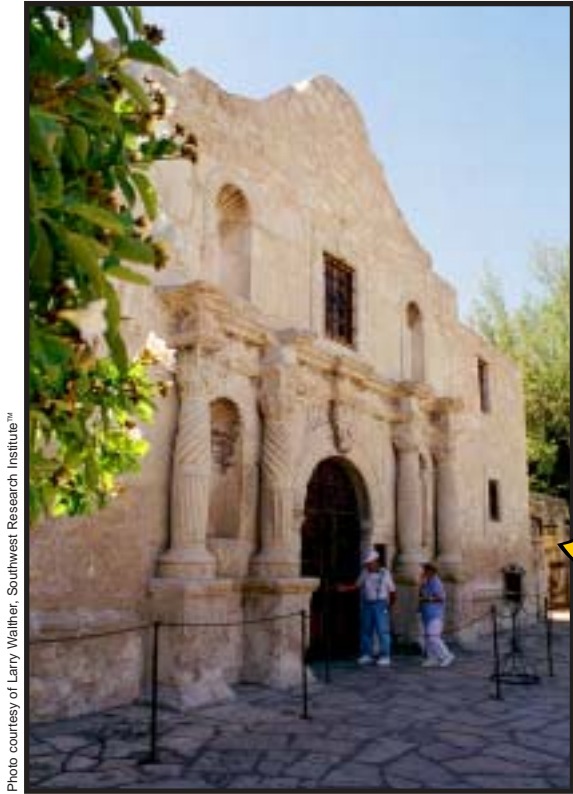


Photo courtesy of Larry Walther, Southwest Research Institute™

The Alamo

**WESTERN TRADITION**



Technical Tour: Brooks AFB Incident Response

**HOMELAND SECURITY**



The Meeting Hotel: Hyatt Regency Riverwalk

**GREAT ACCOMMODATIONS**



Nightout venue: The Buckhorn Saloon

**ROUSING GOOD TIMES**

## SOME LOCAL COURSES AVAILABLE

### Radiation Safety Officer Training (40-Hour Course)

**Dates:** November 4, 2002 – November 8, 2002

**Fee:** \$1,495.00 (includes all books, training materials, and lunches)

**Place:** College Station, TX

<http://nuclear.tamu.edu/hamilton/training/>

The Texas A&M University (TAMU) Radiation Safety Officer (RSO) 40-Hour Course provides current and new RSOs with the technical and practical knowledge and information needed to be an RSO. The course fulfills the regulatory requirements for §289.252(f). It will also be useful as general introductory training for anyone who works with radioactive materials or who may be assigned to act as an alternate radiation safety officer. Some prior knowledge of algebra and science is desirable; however, a one-day math refresher is available on the Sunday prior to the course (November 3rd) for an additional \$295.

Topics to be covered include:

- ♦ Fundamentals of Radiation
- ♦ Applications and Uses of Radiation
- ♦ Radiation Detection and Measurement
- ♦ Internal Dose Assessment and Exposure Control
- ♦ External Dosimetry and Exposure Control
- ♦ Federal and State Regulations
- ♦ Transportation Regulations
- ♦ Radioactive Material Handling
- ♦ Contamination Control
- ♦ Emergency Planning and Response
- ♦ Waste Management and Disposal
- ♦ Radiation Protection Program Management
- ♦ Record Keeping and Documentation
- ♦ Licensing, Registration and Certification
- ♦ License Conditions – bring a copy of your license!
- ♦ Audits and Inspections

The Texas A&M RSO 40-Hour Course is built on the foundations of the 200-hour, 5-week *Principles of Health Physics* course taught by the same instructors (250+ years of radiation safety experience). That 5-week course has been used by the Texas Bureau of Radiation Control as training for its personnel. You will be trained by the same instructors who have trained the regulators that may be inspecting you.

Reservations for the course may be made by contacting Prof. Ian S. Hamilton at (979) 845-8101, by email at [hamilton@cedar.tamu.edu](mailto:hamilton@cedar.tamu.edu), or online (given above). Payment may be made by corporate check, cashier's check, purchase order, or credit card. Early registration is encouraged, as enrollment has been limited to 30 participants. ♦

### NRRPT Examination Preparatory Course (40-Hour Course)

**Dates:** November 11, 2002 – November 15, 2002

**Fee:** \$1,495.00 (includes all books, training materials, and lunches)

**Place:** College Station, TX

<http://nuclear.tamu.edu/hamilton/training/>

The Texas A&M University (TAMU) NRRPT Examination Preparation Course is designed to sharpen the Health Physics Technician's skills and prepare them to take and pass the NRRPT certification exam. It is also useful as general refresher training for anyone who works with radioactive materials.

Topics to be covered include:

- ♦ Applied Radiation Protection
- ♦ Surveys and Inspections
- ♦ Emergency Preparedness
- ♦ Evaluating Internal and External Exposures and Controls
- ♦ Prescribed Dosimetry and Radiation Equipment
- ♦ Contamination Control
- ♦ Radioactive Material Control and Transportation
- ♦ Guides and Regulations
- ♦ Procedures and Programs (ALARA)
- ♦ Detection and Measurement
- ♦ Analytical Methods
- ♦ Instrument Calibration and Maintenance
- ♦ Personnel Dosimetry
- ♦ Equipment Operation
- ♦ Fundamentals
- ♦ Sources of Radiation
- ♦ Biological Effects
- ♦ Mathematics, Chemistry, and Physics
- ♦ Units and Terminology

The Texas A&M NRRPT Exam Prep. Course is built on the foundations of the 200-hour, 5-week *Principles of Health Physics* course taught by the same instructors (150+ years of radiation safety experience). This 5-week course has been used by the Texas Bureau of Radiation Control as training for its personnel. You will be trained by the same instructors who have trained the regulators that may be inspecting you.

In addition, a separate math refresher will be offered before the NRRPT Exam Prep. course on Sunday, November 10, 2002. The math refresher is an additional \$295 and this price covers the tuition, a calculator, handouts, and refreshments.

Reservations for the course may be made by contacting Prof. Ian S. Hamilton at (979) 845-8101, by email at [hamilton@cedar.tamu.edu](mailto:hamilton@cedar.tamu.edu), or online (given above). Payment may be made by corporate check, cashier's check, purchase order, or credit card. Early registration is encouraged, as enrollment has been limited to 30 participants. ♦

## South Texas Chapter LONGEST-STANDING, CONTINUOUSLY ACTIVE MEMBER

*Karen Myers*

The South Texas Chapter (STC) has chosen Rick Jacobi, an STC member since 1972, as its next longest-standing, continuously active member.

Rick was born in Galveston, Texas, on November 11, 1950, (then Armistice Day, now Veterans Day). His father, Jake Jacobi, was a Merchant Marine officer and later a cotton clerk on the Galveston wharves. His mother, Molly Jacobi, was a homemaker who stayed home to raise three children, Rick; his sister, Janet; and his brother, Joe. Rick began working on cars at the age of 12. He planned to go to Detroit, to study automotive engineering after he graduated from Ball High School in 1969.

As plans do tend to change, Rick instead enrolled at Texas A&M in College Station where he intended to study Mechanical Engineering with a specialization in automotive engineering. His freshman counselor talked him into Nuclear Engineering because nuclear power was “the energy source of the future.” He eventually gravitated to Health Physics because of his developing interest in radiation detection instrumentation and biological effects of radiation. He completed a Bachelor of Science in Nuclear Engineering with a specialization in Health Physics in 1973 and went on to complete a Masters in Nuclear Engineering with a specialization in Health Physics in 1975. After graduation and while working for Houston Lighting and Power

Company as a Health Physicist and Nuclear Safety and Licensing Engineer, he completed a Doctor of Jurisprudence in 1981 at the South Texas College of Law in Houston.

When asked how he became interested in health physics/radiation safety, Rick replied, “My interest in radiation detection instrumentation and dosimetry pulled me toward Health Physics.

“While taking a seminar in my senior year, I worked at the Cyclotron Institute with Gene Bates, at the TRIGA Research Reactor with Phil Sandel, and at the Radiation Safety Office with John Simek, all of who are long-time members of STC. Their rousing stories about the days of atmospheric weapons testing and the trials and tribulations of worker safety issues nailed down my interest in Health Physics.”

When asked the persons important to him in developing/furthering his career in Health Physics/Radiation Safety, Rick responded by saying, “Several persons were important in advancing my career. Dr. Richard Neff was a demanding professor who expected academic excellence, but treated each student like a member of his own family. Phil Sandel, Gene Bates, and John Simek were instrumental in training me in the practical applications of Health Physics. John Simek was particularly important because he recruited me to be the General Manager of the Texas Low-Level Radioactive Waste Disposal



*Rick Jacobi*

Authority. Moreover, I have always admired John’s quick intuition, incisive technical ability, knack for making the right decision in emergency situations, and natural leadership style.”

Another person important to Rick was Jerry Goldberg, Vice President-Nuclear at Houston Lighting and Power Company. While not a Health Physicist, Jerry’s “work or be fired” and “do it right the first time because that’s the right thing to do,” attitude taught Rick about the need to be diligent and committed to doing a good job every day and every time. “Actually, I have to say that I learned something from each and every person that I have known in this profession for the past 30 years. I still learn new and interesting

things every day. That’s what I like about the Health Physics profession.”

When asked to reflect back on HPS & STC, Rick responded with, “When I joined the Chapter and the Society in 1972, things were smaller and much more informal. Chapter meetings were highly charged, raucous gatherings at Busch Gardens in Houston, at City Park in Austin, or at any barbecue restaurant in Texas where you could buy a cold beer. Members would challenge invited speakers over the issue of the day – ALARA, LNT, Waste Disposal. Debates would go on for hours. Members or their spouses sometimes would break down in tears after an emotional and rowdy debate. On one

occasion, a member had to be carried out of a meeting on the shoulders of a couple of other members. Once in a while, there was not enough money in the treasury to pay for the meeting expenses, and members had to dip into their own pockets to cover the damages. Today, the Chapter is much more organized (it's a corporation!), much more financially stable, and much more sedate. Technical sessions are dominated by gentlemanly discourse over the topic of the day – ALARA, LNT, Waste Disposal – and not by impassioned, finger-pointing arguments. The membership and its leadership are much younger overall (or maybe I'm just older). As I mentioned to Past President Susan Jablonski recently, "That's good; old ways are fading away, and new ideas are taking root."

Rick married Kathryn Sue Edwards on August 11, 1973. Tragically, Sue died of a heart attack on July 8, 1986. Many

of the long-time Chapter members knew Sue, a radiologist at Brackenridge Hospital in Austin, Texas. On August 3, 1991, Rick married the former Vikki Koncak, a homemaker, and they live in Austin, Texas. Together, Rick and Vikki have four children: Don, age 25, is a high school coach in Fort Worth; Leslie, age 22, is a software engineer in Dallas; Melissa, age 21, is a middle school teacher in Garland; and Brian, age 19 is a Liberal Arts student at the University of Texas, in Austin. None are interested in being Health Physicists.

Rick is a licensed engineer in Texas and is a member of the State Bar of Texas. Rick says his biggest regret is "... not taking and passing the CHP exam."

Even without a CHP, Rick has made significant and continuing contributions to radiation safety in Texas, and he is a mainstay within our thriving Chapter. ♦

"Dirty Bomb" *Continued from p. 1.*

To date, the following organizations have requested the use of the Texas training materials:

#### **Federal**

U.S. Environmental Protection Agency  
 Natural Resources and Environment  
 U.S. General Accounting Office  
 U.S. Department of Energy  
 National Nuclear Security Administration  
 Office of Science and Technology  
 U.S. Food and Drug Administration  
 U.S. Public Health Service  
 Radiation Control Program  
 Los Alamos National Laboratories Off-Site Source  
 Recovery Project  
 U.S. Nuclear Regulatory Commission Division of  
 Industrial and Medical Nuclear Safety

#### **State**

Division of Radiation  
 Department of Environmental Protection  
 State of Connecticut  
 Noise, Radiation & Indoor Air Quality Branch  
 State of Hawaii Department of Health  
 Radiation Health & Toxic Agents Branch  
 Division of Public Health Protection and Safety  
 Commonwealth of Kentucky  
 Nevada State Health Division Radiological Health Section  
 North Carolina Division of Radiation Protection  
 State of Oklahoma Department of Environmental Quality  
 Department of Environmental Quality  
 State of Utah  
 West Virginia Radiological Health Program

#### **International**

Department of Health, Republic of South Africa  
 United Nations International Atomic Energy Agency

#### **Professional**

American College of Radiology

#### **Private**

Canberra Instruments  
 Exploranium Radiation Detection Systems

With this wide distribution of training materials and subsequent news reports about the apprehension of a suspect intending to use a "dirty bomb," media inquiries have flowed in from across the country for this information. This level of interest reinforces the leadership roles of Texas and the STC-HPS in this important public service area.

Other individuals interested in putting these training materials to use can obtain an electronic copy via e-mail by contacting Bob Emery at [Robert.J.Emery@uth.tmc.edu](mailto:Robert.J.Emery@uth.tmc.edu). ♦

## Recent STC-HPS Members' Radiation Safety Publications

Emery, R.J., Orders, A.B., McCrary, J.R., Charlton, M.A. "An Evaluation and Comparison of Compliance Inspection Outcome Data for Radiation Protection Programs in Maine and Texas," *Health Physics*, 82(3): 395-399, 2002.

Emery, R.J., Felknor, S.A., UTHSCH SPH Students, "An Initial Radiation Safety Needs Assessment for Costa Rica: The South Texas Chapter of the Health Physic Society's Strategic Planning Appraisal for Participation in the 'Radiation Safety Without Borders' Initiative," *Health Physics* 82(Supplement 5): S87-S91, 2002.

Emery, R.J., Orders, A.O., Charlton, M.A., "Texas Dental X-ray Compliance: An Analysis of Trends for the Purposes of Education and Prevention," *Texas Dental Journal*, in press.

Gorham, R.A., Emery, R.J., Ford, C.E., Cooper, S.P., "Statistical Validation of a Commonly Used Method for Personnel Dosimetry Issuance Determinations," *Health Physics Journal*, in press. ♦

South Texas Chapter of Health Physics Society, Inc.  
**Toward Compliance Assurance Meeting**  
**University of Texas at Austin**  
**J.J. Pickle Research Center Commons**

Austin, Texas  
 August 16–17, 2002

**A**s prescribed by our Bylaws, the objectives for which the Chapter was organized are to aid in the development of scientific knowledge, to provide for and give support to meetings for the discussion of scientific endeavor, to encourage scientific research and education dedicated to the science of radiation protection, to aid in scientific research and education opportunities in the field of health physics and radiation protection for college and university students, and for other scientific and educational purposes. This meeting will be dedicated to facilitating all of the ideals on which our Chapter was founded and will provide an opportunity to interact with the regulatory authorities throughout Texas. The

purpose of this meeting will be to improve radiation protection programs throughout

◆

*This meeting will be dedicated to facilitating all of the ideals on which our Chapter was founded and will provide an opportunity to interact with the regulatory authorities throughout Texas.*

◆

Texas through lectures and professional dialogue.

The August 17, 2002, meeting will feature presentations from notable speakers representing diverse aspects of regulatory compliance. Dr. Robert J. Emery, UT Houston Health Science Center, will deliver the luncheon lecture on a novel

compliance initiative based on historical regulatory noncompliance data. Representatives from the Texas Department of Health, the University of Texas, and the Federal Aviation Administration will update the membership about various compliance programs. The afternoon session will involve rotating “compliance stations” for small group interaction enabling participants to interact in a nearly one-on-one capacity with compliance authorities. Finally, participants will have the opportunity to tour UT-Austin’s Research Reactor located in the Pickle Research Center complex. Compliance issues surrounding university research reactors will be evaluated during the tour. Surely this will be a memorable event!

The STC-HPS Executive Council will meet on Friday, August 16, 2002, from 6 pm to 8 pm in the Austin Marriott North at Round Rock in the Executive Board Room. Immediately following the Executive Council Meeting (8 pm to 9 pm), the 2003 San Antonio

◆

*... participants will have the opportunity to tour UT-Austin’s Research Reactor located in the Pickle Research Center complex.*

◆

Midyear Local Arrangements Committee will meet to review plans for this important STC-HPS event. All members are invited to assist in the Local Arrangements preparations! ◆

◆

***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.*

◆



## Toward Compliance Assurance Meeting

August 16-17, 2002

J.J. Pickle Research Commons  
University of Texas at Austin – Pickle Research Center  
Austin, Texas

*South Texas Chapter of the Health Physics Society, Inc.*

### Preliminary Agenda

#### *Friday, August 16, 2002, Austin Board Room, Austin Marriott North*

- 6:00 – 8:00 p.m. Executive Council Meeting
- 8:00 – 9:00 p.m. Local Arrangements Committee (LAC) Business Meeting for  
2003 HPS Midyear Meeting in San Antonio

#### *Saturday, August 17, 2002*

- 8:00 – 8:20 a.m. Registration and Continental Breakfast
- 8:20 – 8:30 a.m. Welcome and Introductions – Mike Charlton, Ph.D., STC President-Elect
- 8:30 “The UT System Compliance Program,” Charles G. Chaffin, System-wide Compliance Officer,  
University of Texas System.
- 9:15 “Update on Airborne Radioactive Material Shipping Regulations,” Ernest Quail, Special Agent,  
Federal Aviation Administration
- 10:00 Break – Coffee, assorted teas, and baked goods
- 10:30 “Implications of the 2002 Revision to 10 CFR Part 35 Standards for Medical Use of Byproduct  
Material,” Wayne Wiatrowski, Ph.D., UT Health Science Center at San Antonio
- 11:15 To Be Determined
- 12:00 – 1:30 pm Lunch (Chef’s Choice) with Speaker, Robert J. Emery, Dr.P.H.,  
Commons Dining Area, 1.214L Pickle Commons Building.  
“Radiation Safety Without Borders, STC-Costa Rica Connection”
- 1:30 – 3:30 pm Small group regulatory compliance interactions, Commons Foyer Area, Pickle Commons  
Building. Each compliance station will be staffed by a knowledgeable member and limited to  
small groups for enhanced interactions and discussion.
- Station 1 – Medical Use
- Station 2 – Industrial Use
- Station 3 – Radiation-Producing Devices
- Station 4 – Regulatory Compliance Analysis and Training
- 2:45 – 3:15 pm Break – Snacks, coffee, and sodas
- 3:30 – 5:00 p.m. Tour of UT Austin Research Reactor on the grounds of the Pickle Research Center

## Accommodations

### Austin Marriott North at Round Rock

2600 La Frontera Boulevard, Round Rock, Texas 78681 ♦ Phone 1 (800) 865-0546 or (512) 733-6767

Located north of the city, this one-year-old hotel focuses on what it takes to make your trip successful. Each of the 295 guestrooms is equipped with a remote control TV, phones with voice mail, and multiple data ports with STSN high-speed Internet access. Your business

objectives will stay on course with the convenient workstations in “The Room that Works,” the services of the Business Center, and the amenities of our Concierge Level. You can renew your energy in our executive fitness center with lap pool or experience one of several entertainment options

surrounding the area including nearby shopping, Round Rock Express baseball at the Dell Diamond, or the State Capitol. As part of the La Frontera E-commerce Park, the Austin Marriott North is convenient to Dell, Compaq Computer, Farmers Insurance, and Motorola.

#### Hotel Information

- ♦ 8 Floors ♦ “The Room that Works”: 219 guest rooms specifically designed for the business traveler. ♦ Executive floor ♦ AAA Diamonds: 3 ♦ Check-in: 3:00 pm; Check-out: 12:00 pm ♦ Express Check-in, Express Check-out ♦ Pet policy: service animals for people with disabilities only ♦ Complimentary parking

#### Notice

A block of rooms has been reserved for Friday, August 16, and Saturday, August 17, 2002, **until July 26, 2002**, under the name “South Texas Chapter Health Physics Society.” The event name is “STCHPS Safety Compliance Meeting.” Room rates will be \$80 per night, single or double occupancy. Room rates are subject to applicable state and local taxes. To secure these excellent rates, you must call the reservation telephone number listed above EARLY and specify that you are with the South Texas Chapter Health Physics Society. After the reservation deadline, Marriott anticipates that no rooms will be available at this rate, so make your reservations early!

#### Directions

Take 183 North to I-35 North. Take Exit #251 and turn left at light and proceed over the overpass. Take a left on La Frontera Blvd. The hotel is on the right.



## Map to J.J. Pickle Research Center

### Directions

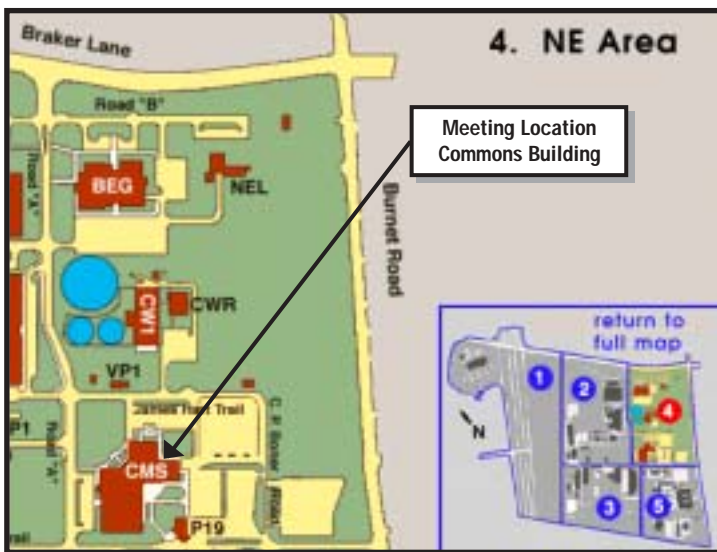
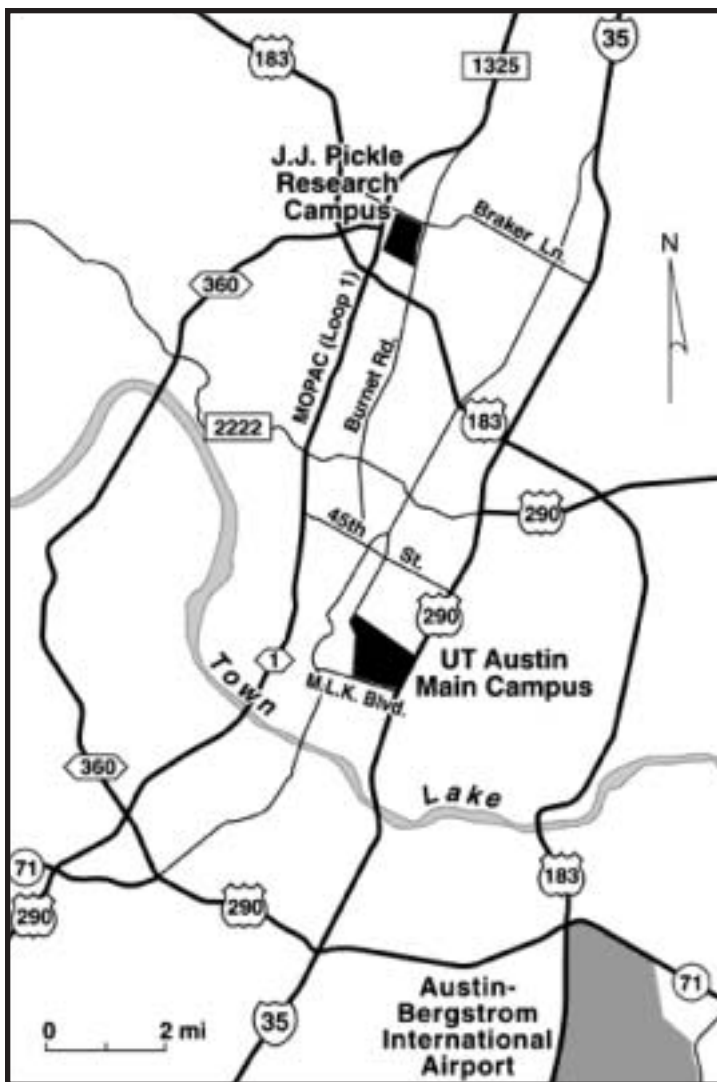
**The Commons Building** is at 10100 Burnet Road, Austin, Texas 78758. This is building number 137 on the J.J. Pickle Research Campus, and it is situated on the southwest corner of Braker Lane and Burnet Road in north Austin. The campus is bordered by Braker Lane on the north, MoPac (Loop 1) on the west, and Burnet Road (FM 1325) on the east. A helpful landmark for The Commons is the water tower marked “The University of Texas,” which is in the north parking lot. Please enter the campus from Burnet Road, stop at a guard gate for a temporary parking permit, and then follow the signs to the building and parking lots. You won’t need a temporary parking permit if you already have a valid UT parking permit on your vehicle. Please use the **Burnet Road** entrance for access “after hours,” which is after 6 pm weekdays, and anytime on weekends and UT holidays.

**From I-H 35:** turn west onto Braker Lane and continue through the intersection with Burnet Road and turn left at the next light onto the campus.

**From MoPac (Loop 1):** turn east onto Braker Lane, then right at the first light onto the campus.

**From US 183:** turn north on Burnet Road (1325), continue approximately 1 mile, and turn left onto the campus

**To park at The Commons:** Please stop at a guard gate at one of the entrances and get a parking permit to enter campus unless you have a valid UT parking permit. There are handicap parking spaces in the parking lots on the west and north sides of the building with ramp access. When parking, please observe all the UT traffic and parking signs (no parking on the grass, etc.) or you may be ticketed.



## Registration

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

### Toward Compliance Assurance Meeting

August 16-17, 2002

J.J. Pickle Research Commons  
University of Texas at Austin – Pickle Research Center  
Austin, Texas

### Pre-Registration Form

Hotel Registration Deadline — July 26, 2002 ♦ STC Registration Deadline — August 2, 2002

Attendee's Name \_\_\_\_\_

Attendee's Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

- STC Member (technical session and lunch) - \$ 45
- STC Member (technical session ONLY) - \$ 25
- Non-STC Member (technical session and lunch) - \$ 55\*\*
- Non-STC Member (technical session ONLY) - \$ 40
- Non-STC Member (lunch ONLY) - \$ 35\*
- Student (technical session and lunch) - \$ 10
- Need a receipt for this meeting
- Need CEU certificate

Mail registration form(s) with your check (made payable to the STC-HPS) to arrive **before August 2, 2002**, to:

Kenneth V. Krieger  
South Texas Chapter - HPS  
Earth Tech Inc.  
110 Broadway, Suite 320  
San Antonio, TX 78205  
Phone (210) 271-0925  
Fax (210) 271-3061

**Pre-registration will close on August 2, 2002.** If you will not be able to attend the meeting, please call and cancel your reservation **PRIOR TO AUGUST 2, 2002**. Any reservations **not cancelled by August 2, 2002**, will be regarded as confirmed reservations and funds will be collected for the meeting. Refunds will be honored only for cancellations made before August 2, 2002. Registration fees collected after August 2, 2002, or at the door, if available, will be \$10 extra.

\*If contemplating on-site purchase of lunch, meeting space and lunch cannot be guaranteed on the day of the meeting.

\*\*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.

## South Texas Chapter – Health Physics Society Chapter Dues Payment/Membership Application Form

*(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 _____        |                        |

|  |   |
|--|---|
| <input type="checkbox"/> I would prefer to receive mail at: <input type="checkbox"/> Home <input type="checkbox"/> Business<br><input type="checkbox"/> I would prefer to receive calls at: <input type="checkbox"/> Home <input type="checkbox"/> Business<br><br><input type="checkbox"/> Yes, I am a National HPS member.<br><input type="checkbox"/> Yes, I am a Certified Health Physicist.<br><input type="checkbox"/> Yes, I am a Registered Radiation Protection Technologist. | <input type="checkbox"/> I would like to be a Meeting Mentor<br>My interest or area of expertise _____<br><br>_____ |
|--|---|

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"/> 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 |   |                                     |                                       |

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:

|  |   |
|--|---|
| David B. Fogle<br>Membership Committee Chair<br>2135 Cervin Blvd<br>Austin, TX 78728 | Phone: (512) 834-6688, x2203<br>Fax: (512) 834-6690<br>Email: david.fogle@tdh.state.tx.us |
|--|---|

## SOUTH TEXAS CHAPTER-HEALTH PHYSICS SOCIETY 2002 AFFILIATE MEMBERSHIP ROSTER

The affiliate membership of the South Texas Chapter (STC) is 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.

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Post Office Box 870  
303 Crane Street  
Sweetwater, TX 79556  
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E: [cmaxwell@aditpmt.com](mailto:cmaxwell@aditpmt.com)  
T: 800-399-4557  
F: 915-235-2872

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Steve Vittatoe  
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125 Titas Avenue  
Gladewater, TX 75647  
WEB: [www.canberra.com](http://www.canberra.com)  
E: [svittatoe@canberra.com](mailto:svittatoe@canberra.com)  
T: 903-297-2987

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Steven H. Allen  
9261 Kirby Drive  
Houston, TX 77054  
WEB: [www.aeil.com](http://www.aeil.com)  
E: [shallen@aeil.com](mailto:shallen@aeil.com)  
T: 877-866-2345  
F: 713-790-0542

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2964 Forest Chase Terrace  
Marietta, GA 30066  
WEB: [www.detectors.saint-gobain.com](http://www.detectors.saint-gobain.com)  
E: [terrence.c.moore@saint-gobain.com](mailto:terrence.c.moore@saint-gobain.com)  
T: 770-926-1660  
F: 770-926-5541

### **Bionomics, Inc.**

John McCormick  
Post Office Box 817  
1391 James Ferry Road  
Kingston, TN 37763  
E: [j\\_mccormick\\_bionomics@email.msn.com](mailto:j_mccormick_bionomics@email.msn.com)  
T: 865-376-0053  
F: 865-376-4291

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Route 2 Box 154F3  
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### **Earth Tech Inc.**

Carl Forbes  
110 Broadway Ste. 320  
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T: 210-271-0925  
F: 210-271-3061

### **F&J Speciality Products, Inc.**

Frank Gavila  
404 Cypress Road  
Ocala, FL 34472  
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E: [fandj@atlantic.net](mailto:fandj@atlantic.net)  
T: 352-680-1177  
F: 352-680-1454

### **ICN Worldwide Dosimetry Service**

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Costa Mesa, CA 92626  
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E: [pharris@icnpharm.com](mailto:pharris@icnpharm.com)  
T: 800-548-0136 Ext. 9379  
F: 714-668-3149

### **Inovision Radiation Measurements**

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1011 Goldfinch  
Sugarland, TX 77478  
WEB: [www.inovision.com](http://www.inovision.com)  
OR [www.surveymeters.com](http://www.surveymeters.com)  
E: [bhughes@inovision.com](mailto:bhughes@inovision.com)  
T: 800-850-4608 Ext. 3715  
F: 281-494-5174

### **ISO-TEX**

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Post Office Box 909  
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E: [isotex@aol.com](mailto:isotex@aol.com)  
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F: 281-482-1070

### **K&S Associates, Inc.**

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Nashville, TN 37210  
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F: 615-871-0856

### **Ludlum Measurements, Inc.**

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Post Office Box 810  
501 Oak Street  
Sweetwater, TX 79556  
WEB: [www.ludlums.com](http://www.ludlums.com)  
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**Owens Scientific, Inc.**

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**Thermo-Eberline Instruments**

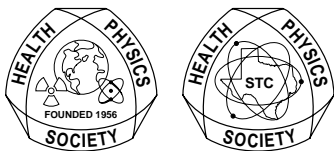
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**Health Physics Society  
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## Health Physics Aspects of Homeland Security and Emergency Response

*January 2003*

**2003 Midyear Topical Meeting  
Health Physics Society  
American Academy of Health Physics**

### *Reminder of* **CALL FOR PAPERS**

**J**oin your colleagues in exciting San Antonio, Texas, for the 36th HPS Midyear Topical Meeting to be held at the Hyatt Regency Hotel facing the Riverwalk on one side and the Alamo on the other. The Local Arrangements Committee has planned an exciting

Night Out at the Buckhorn Hall of Horns with plenty of food and an open bar.

Come take a winter break and experience the famous Texas hospitality and that great TexMex cuisine. The hotel is within a short walking distance to a variety of restaurants, shops, and sites.

The Health Physics Society invites members and other interested parties to participate. The technical programs for our meeting will start off with a Plenary Session on Monday morning followed by technical presentations Monday afternoon through Wednesday

afternoon. The format will include both oral and poster sessions. Authors of posters will stand by their posters at designated times and have the opportunity to share their work one on one with participants. ♦

***Abstracts must be submitted electronically or postmarked by Friday, July 26, 2002.***

**For additional information see the HPS website, [www.hps.org](http://www.hps.org)**