



# THE BILLET

Health Physics Society ♦ South Texas Chapter ♦ Radiation Safety Specialists

## STC Endows Texas A&M Engineering Scholarship to Honor Drs. Richard Neff and John Poston

*April Osborn*

A \$25,000 gift from the South Texas Chapter of the Health Physics Society Inc. (STC-HPS) has endowed the Neff-Poston Health Physics Scholarship in Texas A&M University's nuclear engineering department.

The gift honors John W. Poston, Sr. and the late Richard D. Neff, both Texas A&M nuclear engineering faculty members and Health Physics Society leaders.

"The South Texas Chapter has many graduates of Texas A&M. We wanted to provide opportunities for future generations of radiation safety professionals as well as honor the two people who have added so much to the program," said Ken Krieger, past president of the South Texas Chapter, about the scholarship, which recognizes Poston's and Neff's dedication and service to the health physics field

throughout their professional and academic careers.

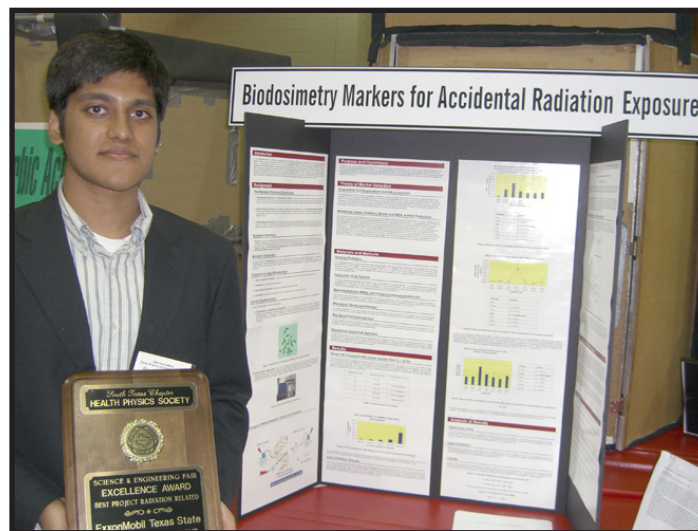
Recipients of the Neff-Poston scholarship, which is funded through the Texas A&M Foundation, must be full-time students classified as juniors or seniors with financial need and pursuing degrees in radiological health engineering or a closely related field at Texas A&M University.

*Continued on page 6.*

## Gaurab Chakrabarti, STC-HPS Science Fair Winner at Exxon-Mobil Texas State Science and Engineering Fair

*Jim Lewis*

Captain Krystyn Clark (USAF) and I had a good time judging the Texas State Science and Engineering Fair. We surveyed all the senior projects by walking up and down the aisles of the exhibit hall and picked 5 people to interview in depth. We felt two projects stood head and shoulders above the rest, those of Philip Pierce and Gaurab Chakrabarti. We were unanimous in picking Gaurab as the winner. He is a high school senior and two years more advanced than Philip, who was our very young Special Award winner last year at the state level while only a freshman. Gaurab is from the Houston area, and we found



out after we made the award that he had been the regional STC-HPS Science Fair winner there. Gaurab showed his true physicist colors in eagerly accepting a second copy of the

Chart of the Nuclides, having already earned his first copy as the Houston area winner.

In some ways, it was a tough call. Gaurab had spent a summer in the lab of a

radiation oncologist at Albert Einstein College of Medicine in New York City. Philip had the advantage of his previous year's experience and some help from members of the STC. Gaurab impressed me as perhaps the most intelligent and articulate high school student I have met in Texas in several years of judging science fairs. He says he wants to be a radiation oncologist. We had to plead for equal time with a UT-Austin recruiter who was offering him a 4-year, \$5,000 per year scholarship to attend UT-Austin (I told him he should ask for more money!).

Gaurab's project was entitled *Biodosimetry Markers for*

*Continued on page 6.*

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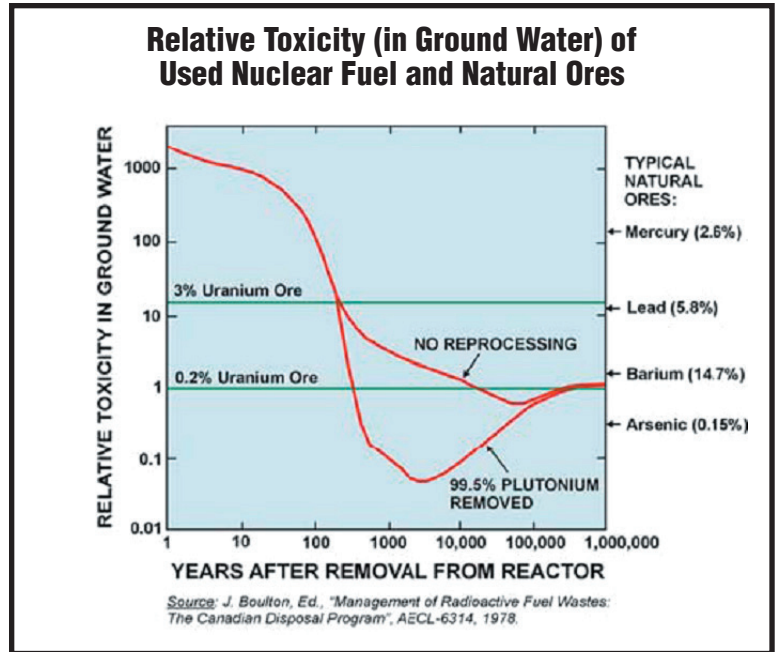
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**Testimony of Dade W. Moeller, Before the Senate Committee on Environment and Public Works**

Dade W. Moeller, PhD, CHP, President Emeritus and Representative of the Health Physics Society, is Chairman of the Board of Dade Moeller & Associates. This part of Dade's testimony was given at the Hearing on Oversight of the Status of the Yucca Mountain Project on March 1, 2006.

Based on the information in the figure below (Boulton, 1978), one of the most promising changes would be to resume the reprocessing of spent nuclear fuel. As the graphs indicate, after about 200 to 350 years, the toxicity of the remaining waste (assuming 99.5% effectiveness in removing the plutonium) would be comparable to that of the original uranium ore that was mined to fuel the reactor from which the spent fuel was removed. This would, in essence, remove the need for a dose rate limit in terms of periods of time on the order of thousands of years. Congress has recently shown an interest in moving toward a reprocessing capability as demonstrated, for

example, in the *integrated spent fuel recycling* provisions of the fiscal year 2006 appropriations to the Department of Energy (House of Representatives, 2005, pages 156–157). ♦



Source: J. Boulton, Ed., "Management of Radioactive Fuel Wastes: The Canadian Disposal Program", AECL-6314, 1978.



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## Dale Klein—NRC Chairman—July 1, 2006

WASHINGTON, D.C., April 27, 2006—The following is a news release statement by the Nuclear Energy Institute's president and chief executive officer, Frank L. "Skip" Bowman, on the White House's nomination of Dale E. Klein to be a commissioner on the U.S. Nuclear Regulatory Commission and to serve as chairman of the commission. **Dale Klein was confirmed in late May and has taken over as Chairman of the NRC effective July 1, 2006.**

**"D**ale Klein has a broad understanding of commercial nuclear technology and policy issues that will suit him well as NRC chairman. Like Chairman Nils Diaz, he comes to the NRC with significant credentials in the nuclear field. Most recently, he has served as assistant to the Secretary of Defense for Nuclear and Chemical

and Biological Defense Programs since 2001. During his five years at the Pentagon, he has overseen a large program with an annual budget of over \$5 billion and 2,000 people.



"The NRC must continue to be an effective, credible regulator if the nation is to maximize nuclear energy's role in achieving America's economic growth and energy security. If he is confirmed by the

Senate, the industry looks forward to working with Dr. Klein and the NRC to maintain the record of safety and security at nuclear power plants."

*The Nuclear Energy Institute is the nuclear energy industry's policy organization. This news release and additional information about nuclear energy are available at [www.nei.org](http://www.nei.org).*

*The following is quoted from Dale's biography published by the US Dept. of Defense <[http://www.defenselink.mil/bios/klein\\_bio.html](http://www.defenselink.mil/bios/klein_bio.html)>:*

**P**rior to his appointment by President Bush, Dr. Klein was the Vice-Chancellor for Special Engineering Programs at The University of Texas System while also serving as a professor in the Department of Mechanical Engineering (Nuclear Program) at The University of Texas at Austin. Dr. Klein served as the Chairman and Executive Director of the Amarillo National Research Center (ANRC), during which time he oversaw more than \$45 million of funding concerning plutonium research and nuclear weapon dismantlement issues.

Dr. Klein held other positions during his tenure at The University of Texas at Austin where he holds a Bob R. Dorsey Endowed Professorship: Director of the Nuclear Engineering Teaching Laboratory, Deputy Director of the Center for Energy Studies, and Associate Dean for Research and Administration in the College of Engineering. In addition to his duties at The University of Texas at Austin and The University of Texas System, Dr. Klein was an active member of several Department of Energy national committees, including the Nuclear Energy Research Advisory Committee.

He has been honored with the distinction of Fellow of the American Society of Mechanical Engineers and the American Nuclear Society. Dr. Klein has also received many awards, including the Joe J. King Professional Engineering Achievement Award by UT Austin and Engineer of the Year for the State of Texas by the Texas Society of Professional Engineers. Since receiving his Ph.D. in nuclear engineering from the University of Missouri-Columbia, Dr. Klein has been honored with the University of Missouri Faculty-Alumni Award and the University of Missouri Honor Award for Distinguished Service in Engineering.

While at The University of Texas in Austin, Dr. Klein received more than \$50 million in research funding, equipment, and educational support. He has published more than 100 technical papers and reports and co-edited one book. He has made more than 300 presentations about energy and has written numerous technical editorials about energy issues that have been published in major newspapers throughout the United States. ♦

**Go to [www.stc-hps.org/hpjob.htm](http://www.stc-hps.org/hpjob.htm) often  
for updates of the most recent job openings online!**

*This is the third in a series to highlight the Affiliates so we can learn a little about what they do. Keep our Affiliates in mind the next time you need products or services.*

# Affiliates



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**D**ade Moeller & Associates is an award-winning, employee-owned consulting firm specializing in occupational and environmental health sciences. Dr. Dade Moeller, CHP, founded his namesake company to provide health physics, radiation protection, and worker safety support to government and commercial nuclear facility operators.

For more than 10 years, our staff and capabilities have diversified to meet an ever-increasing demand for health, safety, and environmental expertise. With nearly 130 full-time employees, we offer an extensive range of professional services to help our customers prevent and control harmful exposures from radiation and hazardous substances to workers, the public, and the environment. For more information about our services, please visit our website at [moellerinc.com](http://moellerinc.com).



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## Two New Nuclear Plants at the South Texas Project

NRG Energy announced on June 21 that it intends to submit an application to the US Nuclear Regulatory Commission (NRC) for a combined construction and operating license (COL) for two new units at South Texas Project (STP). Austin Energy and City Public Service Energy (San Antonio) are working with NRG in the initial phase of reviewing this effort and are considering participation. All owners agree on the need for additional (electrical) base load generation in Texas.

NRG and STP evaluated major factors in the licensing and construction of various types of reactors, including construction cost and schedule, licensing issues, construction processes and supply chain,

operating cost and experience, vendor’s ability to deliver, and overall risk.

Currently, NRG prefers the 1,350 megawatt Advanced Boiling Water Reactor (ABWR). Several key factors include:

- The Energy Policy Act of 2005 provides benefits for construction of an advanced reactor design
- The energy bill’s benefits are time-sensitive for license submittal, initial construction, and operation
- The ABWR reactor design is already certified by the NRC
- Four ABWRs are already operational in Japan, with two more under construction in Taiwan

STP Nuclear Operating Company (STPNOC) will oversee the development and submittal of the COL application for NRC review and approval. A final decision on the design and construction will be contingent on several factors including project financing, regulatory approval, community support, favorable tax treatment, and negotiations with STP’s other owners. If the project moves forward to construction, it may be finished as early as 2015.

NRG considers STP an excellent site for new generation for several important reasons. The plant site was originally designed for possible expansion to four units, and licensed accordingly. The reservoir has the capacity to serve

four units, and STP has the property needed to build two more units and their infrastructure. In addition, the plant’s Emergency Preparedness program is outstanding, and STP is strongly supported by its neighbors and community.

Joe Sheppard, STPNOC President and CEO, emphasizes that “our continued top priority will be the safe and reliable operation of Units 1 and 2.” Sheppard added, “Our performance along with STP’s industry standing and reputation were key factors in NRG’s decision to build new generation here. This is positive news for our plant employees, local community, and the energy industry.” ♦

**Scholarship** *Continued from page 1.*

“This gift is important to the department because it enhances our ability to attract bright and eager students into the field of radiological health engineering. We are extremely grateful to the South Texas Chapter of HPS for their generosity and for honoring Drs. Neff and Poston as well,” said William E. Burchill, nuclear engineering department head. The department is the largest in the nation and ranks third nationally in undergraduate studies according to *U.S. News and World Report*.

**Poston** joined the Texas A&M faculty in 1985, served as nuclear engineering department head from 1988 to 1998, and continues to teach. He is a widely quoted expert whose research focuses on internal and external radiation dosimetry.

He is a past national president and fellow of the Health Physics Society, which has honored him with the Robley D. Evans Commemorative Medal as well as the Founders and Western Regional Landauer Memorial Lecturer awards.

Poston received his bachelor’s degree from Lynchburg College and continued his education at the Georgia Institute of

Technology where he completed both his master’s and Ph.D.

**Neff** joined the Texas A&M faculty in 1966 as an assistant professor until 1973 when he was promoted to professor. He served as the university’s radiological safety officer until his death in 1984.

He was a past president of the South Texas Chapter and a member of the American Nuclear Society’s Committee on Standards for Research Reactors. His family and friends previously endowed a memorial fellowship in his name for Texas A&M nuclear engineering students.

Neff received his bachelor’s degree from Northwest Missouri State College. He continued his education at the University of Kansas and the University of California to earn his master’s and Ph.D., respectively.

**The Health Physics Society** is a non-profit scientific professional organization that promotes the practice of radiation

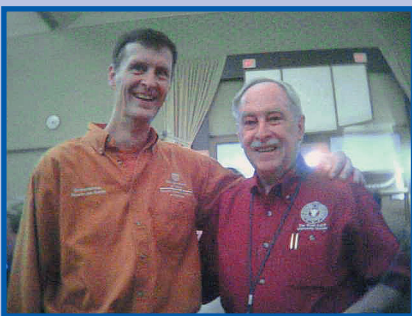


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safety. The South Texas Chapter was created in 1964.

The South Texas Chapter’s gift counts in the *One Spirit One Vision Campaign*, a \$1 billion multiyear fund-raising effort with the goal of helping Texas A&M attain national top 10 status among public universities while sustaining the distinctive Texas A&M spirit. The volunteer-led campaign, coordinated by the Texas A&M Foundation, encompasses all private gifts benefiting Texas A&M. ♦

## 2006 Annual HPS Meeting Welcome Reception



**Bob Emery from the UT Health Science Center at Houston and John Poston Sr. from Texas A&M University** enjoyed the welcome reception at the 2006 Annual HPS meeting in Providence, RI. Right after this photo was taken, these two oppositely charged particles disappeared, and in their place, there many high-energy students, which were spun off in several directions and are still causing radiation-related events around the country.--Ken Krieger

**Science and Engineering Fair** *continued from page 1.*

**Accidental Radiation Exposure.** From work performed on irradiated test animals, novel screening methods were developed to detect lipid oxidation products or hyaluronic acid breakdown products that might result from excessive radiation exposure. The projected application was a rapid, inexpensive automated blood screening technique to triage victims from a nuclear device or dirty bomb, at a projected cost of \$2 per test with results in 2 to 3 hours.

Gaurab was also a regional runner-up last year in the Siemens Westinghouse Physics and Material Research competition with another project entitled *Developing a Tactile Actuator using Dielectric Electroactive Polymers*. The project was intended to provide operators of remote manipulators better tactile feedback. Beyond his wide-ranging interests in biophysics, Gaurab is an accomplished musician playing violin in the high school orchestra and guitar in his own rock band. Karate is one of his numerous after-school pursuits.

We made a point of seeking Philip out and letting him know he was in close contention and that because he was only a sophomore, we expected to see and hear more of him in the future.

Thanks again to Krystyn who made a great co-judge. I hope we’ll see her at STC meetings in the future although, as a mom and busy career woman, it’ll be tough. ♦

*The “Duties for Chapter Officers and Volunteers” is located on the STC-HPS website. A link can be found at the bottom of the Chapter Leadership page or go to [www.stc-hps.org/duties.htm](http://www.stc-hps.org/duties.htm).*

## STC Nominations to HPS

Roy Craft

### South Texas Chapter Members Nominated for Honors as Society Fellows

The Nominations Committee of the South Texas Chapter (STC) of the Health Physics Society (HPS) has placed three of its long-time and active members as Fellows in the Health Physics Society. The Nominations Chairman announced that nominations for David Cadena, Linda Morris, and Bob Cherry had been submitted to the National Nominations Committee. Fellowship in the Society is awarded for long-term service to the Health Physics Society and to the Radiation Safety profession. These members have demonstrated these services both in local Chapter and National Society activities.

**David Cadena** has been active in the nuclear industry since 1957 and became a Radiation Safety Officer in 1972. He has served the Chapter as President and as a member of the Executive Council. David has also served on National Committees such as the annual meeting place committee and as its Chairman. David has also been active in the Atomic Energy Forum subcommittee for occupational radiation exposure and the subcommittee for high-level waste from 1979–1990.

**Linda Morris** has been active in Health Physics and the STC since she graduated from Texas A&M University in 1971. She has served as President of the STC and is currently the Student Assistance Chairperson. She also administers the Educational Grants program of the Chapter and the Neff-Poston Scholarship awards. Ms Morris has inspired many students as they entered the Radiation Protection profession since her days at the UTMB in Galveston through her tenure at TSTC, where she is the Department Chair of the Environmental Health & Safety Technology as well as the Radiation Safety Officer.

After combat service in the Army, **Bob Cherry** eventually became the first Army Radiation Safety Officer at the Pentagon. He is widely known and respected in national military and civilian assignments as a hardworking scientist. Bob is also active in the Board of Health Physics, the South Texas Chapter, and the Baltimore-Washington Chapter as well as the editor of an *International Encyclopedia of Occupational Safety and Health*, many Army regulations on Army Radiation Safety, and is an associate editor for *Operational Health Physics*.

*These candidates are unconditionally supported for the honor by the Executive Council of the South Texas Chapter and by other members of the Health Physics Society.* ♦

### John Hageman Nominated for President of the Health Physics Society



John Hageman has been nominated by the South Texas Chapter for the position of President of the National Health Physics Society. The Chapter believes that John has demonstrated appropriate leadership qualities and the foresight to move the HPS into even greater accomplishments and stature within the scientific community and the public. John's volunteerism has been notable within the STC and the HPS, and he has produced three of the most successful meetings in the history of the HPS. His activity in the publications effort for the STC and the HPS are stellar.

The South Texas Chapter has depended on John to get things done. It is now time for him to lead the HPS forward in years to come. ♦

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

*Spring Annual Meeting, College Station, Texas*

**April 21, 2006**

*Roy C. Craft, CHP, Secretary*

**Persons in attendance:** *Executive Council (EC) Members:* Ken Krieger, President; Jim Sharp, President-Elect; Roy Craft, Secretary; Al Evans, EC Member; Stacy Krieger, Treasurer-Elect; and John Salsman, Past President. *Committee Chairpersons:* David Fogle, Nominations Committee; Susan Jablonski, Admissions Committee; Linda Morris, Student Assistance Committee; John Hageman, Publications; and Andrew Pitts, Affiliates Committee. *Chapter Members and Guests:* Alisha Stallard, David Cadena, Alta Craft, Karen Blanchard, Rane Spalding, Sharon Sharp, and John White, STC member and also President of the North Texas Chapter.

**Call to Order**—With a quorum established, President Ken Krieger called the meeting of the EC of the South Texas Chapter of the Health Physics Society, Inc. (STC-HPS), to order at 5:45 p.m.

**Approval of the Agenda**—John Salsman made a motion to accept the agenda with the meeting ending time of 8:00 p.m. Roy Craft seconded the motion. There was no discussion, and Ken called for a vote, which passed unanimously.

**Approval of Minutes of EC Meeting**—Ken Krieger. Ken asked the EC if there were any changes to be made to the Minutes of the January 27 meeting, as published in *The Billet*. John S made a motion to accept the Minutes, which was seconded by Jim Sharp, and the motion passed unanimously.

**President's Report**—Ken Krieger. Ken reported that Pete Myers' mother passed away this morning. We all offer our condolences to the family and also wish Pete and Karen safe traveling.

Ken has been working with Francis Harshaw on the STC display for the HPS 50th anniversary special history session at the

HPS annual meeting. The STC has been asked by the Program committee to produce a display that represents the history of STC. In addition to the poster, a video or DVD presentation has been considered. The space limitations of the display will require some compact arrangement of video computer equipment. Some suggestions were made by the EC as to how this could be managed. It was also suggested that static pictures also be retained in the display so that casual observers could get an impression of the STC history even if they did not wait for the video display to cycle. Ken expects a good response from the membership.

As reported during the previous EC meeting, the Radiation Safety Without Borders Program will be revisited as requested by Ruth McBurney and Brian Dodd. Ken contacted Brad McRee to inform him that the members and EC of the STC are interested in revitalizing the program. Further information is expected from Brian Dodd during his presentation on April 22.

The question of meeting registration and dues payments by credit card was again discussed. Following some general discussion about the use of the credit cards, it was suggested that Ken and Stacy continue to evaluate the credit card payments. The discussion continued into the Treasurer's report.

**Treasurer's Report**—Stacy Krieger. Stacy reported the STC has total assets of \$47,406.46 in the operating fund and total assets of \$104,580.37 as of April 15, 2006.

There was more discussion about the use of credit cards for paying STC dues and meeting registration. Some stated that the members who used cash should not have to subsidize those who pay by credit card. The total registration paid by credit card was about 57% of the total.

Ken asked if there were outstanding expenses to be submitted for approval of payment by the Treasurer.

Jim reported miscellaneous expenses for the Student Papers meeting, totaling \$67 (not including food). A motion to reimburse was made by John S, seconded by Roy, and approved by a unanimous voice vote.

Roy submitted bills for \$128.56 for ballot expenses. Motion to approve this expenditure was made by Jim, seconded by John S, and passed unanimously.

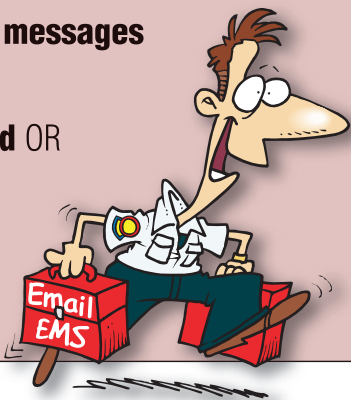
The expenses for the Science Teachers Workshop (STW) in San Angelo were itemized in the report submitted for the committee by STW Chair Al Evans. The expenses amounted to \$735.31 for Al, \$89.35 for Frank Iddings, and \$89.27 for Karen Blanchard. A motion to accept the bill for the expenses was made by John S, seconded by Roy, and passed unanimously.

After the vote, a comment was made by another Committee Chair that, historically, routine office expenses, such as stationary,

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binders, and so forth, have been borne by the members' company or employer as a part of their support of the employee's participation in the STC. There was general agreement that if one needed supplies not available from this source, other members could furnish the needed supplies. Ken agreed, saying that his employers had accepted this as their support of his participation in the STC. The STW committee chair and the Secretary did not think that this is possible in all cases. Roy stated that, although his company supported his involvement in the STC, the supply stores are very small.

**Secretary's Report**—Roy Craft. Roy reported that the Minutes of the January 2006 meeting of the EC were prepared and submitted to the EC via email for review. With no comments recorded, the Minutes were submitted to *The Billet* for publication. The minutes published in the March 2006 issue of *The Billet* are in agreement with the copy submitted.

During the past three months, some virtual (email) meetings were conducted. One virtual meeting subject was to assert that expenses for the STW in San Angelo were within the scope of the program.

A discussion about the absence of student papers, and availability of alternate speakers was also discussed. The volunteer papers appear to be very timely and beneficial to all attendees.

Attempts to generate notices and correspondence to the entire STC continue to be unsuccessful. The email list that the Secretary has is still woefully inadequate, and no effective mechanism for keeping up to date on new member's mailing addresses or email addresses have been put into place—other than a notice in *The Billet* with contact information for changing email addresses. There have been very few changes in addresses via this method.

The comment was made that it is directly specified in the By-Laws that it is the duty of the Secretary to maintain an up-to-date membership roster. The Board gave assurance that the task is delegated to the Membership Committee Chair, and it is always available to the Secretary.

The annual STC election was conducted. The following table shows the Ballot Return Summary Record. Approximately 45% of the ballots were returned, but 6 were not counted because there was neither a name nor an address on the outside of the return envelope.

Ballots sent out	196
Valid ballots received by 4/20/2006	89 (45%)
Returned w/o name on envelope	6 (3%)
Ballot returned by postal service	2 (1%)
Total returned ballots received	97 (49%)

We are indebted to all the members who agreed to support the STC by allowing their names to be nominated as officers.

Ken announced the results of the voting.

- Marty Meltz as President-Elect
- Stan Bravenec as Secretary
- Karen Blanchard and Doug Johnson as EC members.

On the mechanical process of voting, some members do not wish to be identified on the ballot envelope. Including a self-addressed envelope in the mailed ballot could do this. However, including an additional envelope, to assure an additional degree of separation of the name of the voter from the ballot, makes

for a mailing package that is difficult to stuff. Perhaps, we could initiate an effort to study the mailing procedure to include an online voting method, or to have the ballots printed in *The Billet*. The suggestion was made that instead of including an envelope, one could print a ballot with the ballot on one side and the return address on the other side. The Secretary responded that there would still not be a signature, and that the vote would be absolutely inseparable from the voter.

The American Academy of Health Physics has granted continuing education credits (CEC) for the September 2004 Texas Radiation Regulatory Conference. The Course Number assigned is 2004-09-011, and 6 CECs were granted for use by CHPs in their recertification program.

### Standing Committee Reports

**Program**—Jim Sharp. Jim reported that the program for tomorrow is proceeding according to a revised schedule. There may be more student papers presented, and the volunteers may need to adjust their schedule. Students were called late in the week to see if they could still present papers. The lack of papers from students is a concern, and we need to discuss methods of improving attendance by students and members of the Radiation Safety community. The times for the presentations will be adapted as we go. Ken discussed student participation with John Ford of TAMU.

We currently have 57 reservations for lunch. Stacy reported that 46 are prepaid. David Fogle stated that we would have a special guest for the luncheon; she is the person that provided the support information for the nomination of John Poston for the National HPS 2005 Robley D. Evans Commemorative Medal. Lunch is scheduled to be in the Memorial Student Center, room 201. The meeting is scheduled to be in Rudder Tower, room 301. A projector is available, and Andrew Pitts has a computer to use as the projector.

It was announced that parking in the garage was at the expense of the individual. The last time that STC paid for parking, the cost was an additional \$800.

**Admissions**—Susan Jablonski. Susan reported that 10 new members applied to be added to the STC membership. A motion was made by John S and seconded by Jim to accept the new members. The motion carried unanimously. Of particular note was a current member of the National HPS Board, Ali Simpkins. Refer to page 22 for the new member list.

**Public Relations**—No report this period.

**Nominations**—David Fogle. Dave reported that his committee recommended David Cadena, Linda Morris, and Bob Cherry as Fellows of the National HPS. The required information to the HPS Awards Committee was provided. The STC Nominations Committee also nominated John Hageman as President-Elect of the HPS.

A list of nominations was submitted to the Secretary for the ballots. Short biographical sketches were provided for inclusion in *The Billet*. All members willing to run for office were thanked, and the committee gave their appreciation for their willingness to support the STC.

Minutes Continued from page 13.

**Appointed Committee Reports**

**Science Teacher Workshop**—Al Evans. Al reported that a survey of interest in the STW program was circulated to the membership. So far, 5 replies have been received. Al will try to prioritize those responders as future STW teams are formed. It was suggested that new volunteers enroll as students the first time to familiarize themselves with the STW program. In the meantime, there is hope that we have enough “old hands” to keep the program running.

An STW was conducted on March 25 at a joint meeting of the Texas Sections of the American Physical Society and the American Association of Physics Teachers (AAPT) held at Angelo State University in San Angelo, TX. Al had heard about the meeting through previous participation in the meeting as a presenter. The STC teaching team was Al, Frank Iddings, and Karen Blanchard. In addition, Al presented a paper on the STC-STW Program to a session of the AAPT on March 24.

Only four hours were allotted for the workshop, but they seemed to fit in all of the essentials including lunch, which the

STC provided. Seven people signed up for the course, and four physics students from various colleges also attended the STW as observers. Anticipating a future instrument shortage, the STC gave Geiger Counters to only the seven registered participants.

The teaching team received many oral and written compliments on the workshop and generated considerable interest in the STW Program. Some of the attendees may show up at the TAMU meeting. The meeting coordinators were very helpful, and the STC members all felt that this workshop was very worthwhile. Tom O’Kuma (Lee College, Baytown), the AAPT Workshop coordinator, sent each STC participant a nice letter of appreciation; and he also sent along a workshop registration blank for the Fall Meeting in Arlington.

There is uncertainty as to how we will be able to supply enough working Geiger Counters for future STWs. Al is grateful to Ken for volunteering to help with this problem. Also, arrangements have been made for 500 batteries, supplied by Ludlum Measurements, Inc., for TAMU to use with the counters they have. Previously, Al purchased 125 batteries to cover immediate needs because of the uncertainty of getting batteries from our

usual source. Susan Jablonski reported that she and David had about 12–14 good meters. And Ken reported on the meters at TAMU. Ken has also contacted Bill Charlton of UT Austin, who referred Ken to the graduate student who was refurbishing the instruments. There are 20 ready to go, 30 in good condition, and 50 in bad shape. Since both the American Nuclear Society and the STC give out the instruments, the decision was made to split the good instruments between the two groups, and the ANS chapter can keep the bad instruments. Ken will see if someone can work on the bad instruments. Al has four instruments in his car that are responding, but erratic. Ken said that he would take them. Al asked if spare tubes were available for purchase. The general opinion was that cannibalization of old meters is the only practical way to get the tubes. It was also reported by the Chair that Janet McCary has some instruments that need repair. It seems that we have about 30 instruments that can be distributed. Al has

**South Texas Chapter - Health Physics Society  
Science Teacher Workshop  
STC Membership Interest Survey**

*Form Available Online*

*Please Print*

Name \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_ Email \_\_\_\_\_

Prior Experience with STWs \_\_\_\_\_

Member: South Texas Chapter  Y  N National HPS  Y  N

Occupation/Employer \_\_\_\_\_

Will you teach: Saturdays  Y  N Weekdays  Y  N Evenings  Y  N

Prefer to Teach (check all appropriate):

- Fundamentals of Radiation
- Cellular Biology and Radiation Effects
- Exposure to Radiation in Modern Life
- Radioactive Waste Management
- Radiation Safety/Health Physics

Comments \_\_\_\_\_

Send to: Albert E. Evans  
albrtalev@aol.com  
or 1102 Springdale Court  
Sugar Land, TX 77479

about 200 batteries that he would like to have stored in some location; Ken said that he would take them.

Al stated that he currently has 21 copies of the notebooks for the STWs and 4 extra notebook covers. Janet McCrary found 12 notebooks in Eva Legler's office. Al had 20 more printed at Kinko's, and he purchased 24 notebook covers. Eleven were issued in San Angelo. There are also 29 copies of the CD. Some of the CDs were from Eva's office, and Janet made some. Al suggested that before we get many more of these items, subcommittees of interested parties go over the material and see if we should make any changes.

Carl Johannes has emailed Al the name of a contact in Corpus Christi School District for a future workshop. It is likely too late to give one this school year. Therefore, the Chair will be contacting the School for more information and possible scheduling of a workshop. This will include sending a CD and literature.

Al Evans asked if continuing education credits for attending the workshop are recognized by the teachers association. Susan said that we have been recognized in the past. Al asked Susan for a contact for the accreditation.

**Affiliate Membership**—Andrew Pitts. Andrew is continuing the Highlights of Affiliates in *The Billet*; the EC was complimentary of his efforts. Paying and nonpaying affiliate members were discussed. Early in the year, by email, Susan reminded affiliates of their 2006 dues. Before the affiliates will be spotlighted in *The Billet*, they will be tactfully reminded if their payments are overdue.

**Legislation**—No report

**Publications**—John Hageman had submitted a table with current meeting plans and the upcoming deadlines for *The Billet*. Discussions were held about completing the information on the table. The San Antonio meeting of Affiliates should be discussed in light of the Midyear meeting.

The planned meeting in Waco has only one appropriate weekend date, September 16, 2006, because that's the only weekend in September Baylor does not have a home football game. There were general discussions on how many hotel rooms should be held for this meeting. There was also a question if the group would like a Dinner Cruise as a social event for the meeting. Since the EC was in total agreement, Linda Morris will try to get some local sponsors and schedule the Cruise event. The event may need to be limited in attendance due to the size of the boat.

With a January 23–25 Midyear meeting of the National HPS scheduled for 2007, many concerns were brought up for the local Affiliates Fair Meeting in San Antonio. If the meeting is too early in January, the River may be drained. If it's into February, the Hotel Rates in San Antonio become very high. Incoming President Jim Sharp will look at the scheduling of the meeting and the river schedule.

The question of continuing the meeting devoted to student papers was addressed. There seem to be several reasons why this meeting was not well attended by the students. There are final exam schedule problems for some, and extracurricular activities for others. (Would you rather go sailing or go to the meeting?) Strong teacher and professor support is needed to continue these meetings. There was a general discussion about how we could help improve the Student participation. Ken

stated that more students have signed in to give a presentation tomorrow. A committee will be formed to look into this subject in a broad sense. Some problems with all schools as well as TAMU in April were discussed. Jim made a suggestion that a general discussion of this is not getting the desired effects, and it should be studied by a smaller committee with the results reported at the next meeting. The committee will be formed by Jim, and it will also look into future meeting venues and dates

The meeting schedule and deadlines for submissions to *The Billet* are given in a table in *The Billet*. The next scheduled meeting is the Breakfast meeting at the National HPS 51st meeting in Providence, Rhode Island, June 25–29. The next STC meeting is scheduled for September 16, 2006, in Waco. This will be a joint meeting with the North Texas Chapter.

At this point, John White briefly broached the idea of combining or merging the South Texas and the North Texas Chapters, which will be discussed further in Waco.

**Student Assistance Committee**—Linda Morris. Linda reported the STC had participated in five regional science fairs this year. However, three fairs did not have radiation or radiation-related projects. As usual, the awardees were given an engraved plaque, a Chart of the Nuclides, and a congratulatory letter. They were also offered a complementary student membership in the STC. One student will probably accept the membership offer.

Philip Pierce was at the science fair and came in second in his group. He had a very good project on ultraviolet light effects. He is already working on his next year's project, which will involve gamma spectroscopy. Some members of the STC have been helpful, including Sam Daniel, John H, and Andrew Gaunt (Canberra).

For the fourth year in a row, the STC participated in the EXXON-Mobile Texas State Science and Engineering Fair. The fair was in San Antonio this year. Jim and Captain Krystyn Clark were the judges for the STC. They gave the plaque and a \$50 check to high school senior Gaurab Chakrabarti.

Linda thanked all of the dedicated STC members who have served as judges for the fairs year after year. These dedicated workers include Janet McCrary Stacy Krieger, Jim Lewis, John Salsman, Alisha Stallard, David Fogle, and Susan Jablonski. New "blood" for the effort includes Stan Bravenec, David Engelbretsen, Mike Dunn, and Krystyn Clark.

Linda discussed STC Education Grants for 2006–2007. Up to now, there has been only one applicant for the Graduate level

*Continued on page 22.*



**SAVE TIME & MONEY**  
Get your issue of  
***The Billet***  
the **E-WAY**  
NOTIFY **John Hageman** AT:  
**STCEditor@swri.org**

## South Texas Chapter of the Health Physics Society, Inc. 2006–2007 ORGANIZATION

*Jim R. Sharp, President*

It is my honor to serve this year as your President. We have three meetings scheduled for this year. The first of these will be on September 16, 2006, in Waco, Texas. This will be a joint meeting with the North Texas Chapter.

The agenda for the Executive Council (EC) meeting on Friday, September 15, is also included in this issue of *The Billet*.

If you are interested in serving on one of the committees, you are invited to stop by and visit with your EC members after the meeting Friday night at 8:00 pm.

I would really appreciate your calling or emailing me with suggestions and ideas about speakers and/or programs for our future meetings. See you in Waco. ♦

### Standing Committees & Chairs

Program .....	Marty Meltz
Membership .....	Jim Lewis
Public Relations .....	Karen Myers
Nominations .....	David Fogle

### Appointed Committees & Chairs

Affiliates .....	Andrew Pitts
Legislative Affairs .....	Susan Jablonski
Membership Participation .....	Jack Crissey & Michael Charlton
Publication/Website .....	Ali Simpkins
Science Teacher Workshop .....	Al Evans
Student Assistance/Science Fair .....	Linda Morris
Task Force for Nuclear Training Endeavors .....	Ken Krieger & Roy Craft

### Ad-Hoc Committee & Chair

Student Presentations .....	John Salsman
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## South Texas Chapter of the Health Physics Society, Inc. STUDENT PAPER PRESENTATIONS CHAPTER OFFICER ELECTIONS

**April 2006**

*Jim R. Sharp, President (2006–2007)*

It was my privilege to present this program while I was President-Elect and Program Chair. While working with the student presenters, I am always amazed by the topics selected, the attention to detail, and the extent of knowledge presented. Some of the topics covered were *Radiocarbon Dating* by Daniel Strohmeyer, *Magnetic Resonance Spectroscopy* by Laura Strban, *Diagnostic Unit Physics Survey Deficiencies* by Jennifer Watson, and *Interspecies Extrapolation Models of Radiation-Induced Cancer Risks* by Benjamin Sramek.

We also had two chapter members make presentations at the meeting. Susan Jablonski gave us a Low-Level Waste Status Report, and John Hageman gave us a report on the Southwest Research Institute/Department of Energy Projects for Sealed Radioactive Material Sources, Categories 1 and 2.

At the Chapter Business Meeting, STC-HPS Ken Krieger announced the results of the Elections.

After Ken gave his farewell speech, I asked National HPS President-Elect Brian Dodd to present Ken with the Past-President's plaque. A brief report was given on the

actions taken by the Executive Council, which included the information that a committee had been formed. The Membership Participation Committee is being formed to survey our current members about how we can improve our membership participation at these meetings. We are also looking into increasing our membership by having a greater variety of speakers and presentations.

Our next meeting will be held September 16, 2006, in Waco. It will be a joint meeting with the North Texas Chapter-Health Physics Society. ♦

### Executive Council

President .....	Jim Sharp
President-Elect .....	Marty Meltz
Past-President .....	Ken Krieger
Secretary .....	Stan Bravenec
Treasurer .....	Stacy Krieger
Board Member .....	Doug Johnson (2006–2007)*
Board Member .....	Al Evans (2005–2008)
Board Member .....	Karen Blanchard (2006–2009)

\* Doug Johnson is serving the balance of Stan Bravenec's term as a Board Member. Stan resigned that position to run for Secretary.

South Texas Chapter of the Health Physics Society, Inc.

# Joint Meeting

of the

## North & South Texas Chapters of the Health Physics Society

*Current Developments in Health Physics  
&  
Merging the North & South Texas Chapters*

**September 15–16, 2006**

*Texas State Technical College, Waco, TX  
Registration Deadline is September 9, 2006*

**T**exas State Technical College, in Waco, will host the Joint Meeting, September 15 & 16, 2006, of the North and South Texas Chapters of the Health Physics Society. The members of both the NTC and STC will join in a very timely meeting that is planned to be educational and collegial. Texas Chapter Presidents, Jim Sharp (STC) and John White (NTC), working with Pete Myers (STC), have put together a technical program that will be of interest to all members and guests. Special guest speakers will be Ruth McBurney, immediate Past-President of the HPS, and John Curtis, Texas Utilities' Radiation Protection Manager of the Comanche Peak Steam Electric Stations. Annual Education Grants will be presented to an associate-degree student and a graduate-degree student during the Chapters' business meeting, which follows the scheduled speakers.

The Executive Councils of both Texas Chapters will be meeting at the Country Inn and Suites on Friday,

September 15, from 5:30 to 8:00 pm. The meeting room will be posted at the hotel. A discussion will be held during this meeting about merging the NTC and the STC. **All Chapter members are welcome to attend** and observe this process as well as learn about the chapter business from the reports of the officers and committee chairs.

The objectives for which the Texas Chapters are organized are to:

- ♦ Aid in the development of scientific knowledge and practical means for the protection of man and his environment from harmful effects of ionizing radiation
- ♦ Provide for and give support to meetings for the discussion of scientific endeavor
- ♦ Encourage scientific research and education dedicated to the science of radiation protection
- ♦ 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 as permitted by the IRS Code

To this end, the Texas Chapters strive to hold meetings, which are of interest to all its members, whether from the fields of industry, education, medicine, military and/or government. The Texas Chapters also encourage its members to actively participate in the various programs, such as serving as a presenter/facilitator for the Science Teacher Workshops; serving as a judge for the Science Fairs, which take place around Texas; and/or serving on one of the Chapters' Committees.

With a steadfast vision toward the future, this meeting is dedicated to facilitating all of the objectives upon which the Texas Chapters are founded. This meeting will provide an excellent opportunity for all attendees to interact with their colleagues and students in radiological health, safety and protection; as well as gaining a rewarding educational experience by learning more about recent health physics activities and initiatives. ♦

*Executive Council Meeting Friday, September 15, 2006, 5:30–8:00 p.m.  
Country Inn and Suites, 1502 IH 35*

***4.5 CEUs Awarded for LMP & MRT Certifications***

***It's not too late to submit the STC Membership Interest Survey for the Science Teacher Workshop!  
See page 14 for a copy of the survey or go to [www.stc-hps.org/pdf/STWsurvey.pdf](http://www.stc-hps.org/pdf/STWsurvey.pdf) for an online copy.***

## Texas Chapters of the Health Physics Society Executive Council Meetings

**Friday, September 15, 2006**

*5:30–8:00 p.m.*

*Country Inn and Suites, Room to be Posted  
1502 IH 35, Waco, Texas*

Call to Order .....	Jim Sharp
Agenda Approval .....	Jim Sharp
April 2006 Minutes Approval .....	Stan Bravenec
President's Report .....	Jim R. Sharp
Treasurer's Report.....	Stacy Krieger
Secretary's Report.....	Stan Bravenec
 Standing Committee Reports	
Program.....	Marty Meltz
Membership .....	Jim Lewis
Public Relations .....	Karen Myers
Nominations.....	David Fogle
 Appointed Committee Reports	
Affiliates.....	Andrew Pitts
Legislative Affairs.....	Susan Jablonski
Membership Participation.....	Jack Crissey Michael Charlton
Publications/Website.....	Ali Simpkins
Science Teacher Workshop .....	Al Evans
Student Assistance/Science Fair .....	Linda Morris
Task Force for Nuclear Training Endeavors .....	Roy Craft (State) Ken Krieger (Nat'l)
 <i>Ad Hoc</i> Committee Reports	
Student Presentations .....	John Salsman
 Unfinished Business.....	 Jim Sharp
 New Business.....	 Jim Sharp
 Adjournment .....	 Jim Sharp

**South Texas Chapter of the Health Physics Society, Inc.**  
**Agenda for the Joint Meeting of the**  
**North & South Texas Chapters of the Health Physics Society**

**Saturday, September 16, 2006**

*IDEAS Center on TSTC Campus  
Waco, Texas*

8:00–8:30 a.m.	Registration
	<b>Welcome and Introductions</b> by STC President Jim Sharp and North Texas Chapter President John White
8:30–9:00 a.m.	Pete Myers, DSHS Radiation Safety Licensing Branch <b>Source Security</b>
9:00–9:15 a.m.	Break
9:15–10:00 a.m.	Bob Cherry, EarthTech <b>Contamination and Clean-up of Metal Recycling Furnace</b>
10:00–10:15 a.m.	Alisha Stallard, TAMU graduate student <b>LANL - Development and Evaluation of an Outdoor Air Sampling Inlet for the Bladewerx® SabreAlert®</b>
10:15–10:30 a.m.	Break
10:30–11:30 a.m.	John Curtis, Comanche Peak Steam Electric Station <b>PWR Steam Generator Replacement Outages</b>
11:30–11:45 a.m.	<b>Q &amp; A Session</b>
11:45–1:00 p.m.	Lunch
1:00–2:00 p.m.	Ruth McBurney, HPS Past-President <b>Update on HPS Initiatives: HPs for the Future; Intersociety and International Collaboration, and Government Relations</b>
2:00–2:15 p.m.	<b>Q &amp; A Session</b>
2:15–2:30 p.m.	Break
2:30–3:15 p.m.	John White, NTC-HPS President <b>NDLS: Disaster Radiological Response: Dirty Bombs, REDs and Nuclear Weapons</b>
3:15–3:30 p.m.	<b>Q &amp; A Session</b>
3:30–4:00 p.m.	<b>Announcements and Chapter-Business Meeting</b>

### Meeting Registration

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

### Joint Meeting of the North & South Texas Chapters of the Health Physics Society

September 15-16, 2006

Waco, Texas

### Registration

Hotel Registration Deadline — September 9, 2006 ♦ STC Preregistration Deadline — September 9, 2006

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

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

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

- STC Member preregistration fee (technical sessions and lunch) - \$35
- STC Member preregistration fee (technical sessions ONLY) - \$20
- Non-STC Member preregistration fee (technical sessions and lunch) - \$45\*
- Non-STC Member preregistration fee (technical sessions ONLY) - \$30\*
- Non-STC Member (e.g., spouse/guest) preregistration fee (lunch ONLY) - \$20\*
- Students (technical sessions and lunch) - \$10
- Registration (after September 9, 2006, or onsite if space or lunch is available) - ADD \$10 to the above fees.  
If contemplating onsite purchase of meals, meeting space and meals cannot be guaranteed on the day of the meeting.
- Need a receipt for this meeting
- Need CEU certificate

**Mail this registration with your check OR To pay by credit card** (Visa®/MasterCard®/AmericanExpress®/Discover®), transmit (made payable to the STC-HPS) to arrive before September 9, 2006, to: your credit card number, expiration date, and authorized payment to the STC-HPS Treasurer, before September 9, 2006, choosing one of the following methods:

STC-HPS  
Stacy Krieger  
Earth Tech. Inc.  
8005 Outer Circle Road  
Brooks City-Base, TX 78235  
T: 210-271-0925  
F: 210-271-3061

- Include it on the Meeting Registration form
- Email it to Stacy.Krieger@earthtech.com
- Fax it to Stacy Krieger at 210-271-3061
- Telephone it to Stacy Krieger at 210-271-0925

Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

**Preregistration will close September 9, 2006.** If you will not be able to attend the meeting, please call and cancel your reservation **PRIOR TO SEPTEMBER 9, 2006.** Any reservations **not cancelled by September 9, 2006,** will be regarded as confirmed reservations, and funds will be collected for the meeting. Refunds will be honored only for cancellations made before September 9, 2006. Registration fees collected after September 9, 2006, or at the door, if available, will be \$10 extra.

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



## Directions & Accommodations

### Directions to TSTC

*Texas State Technical College Waco* is centrally located in the state. We are only 1-1/2 hours from Austin and Dallas, and only 3 hours from San Antonio and Houston. Take the Texas State Technical College Exit (342-A) off I-35, whether you are traveling north or south. If coming in from east or west of Waco, take I-35 approximately six miles north of downtown Waco.

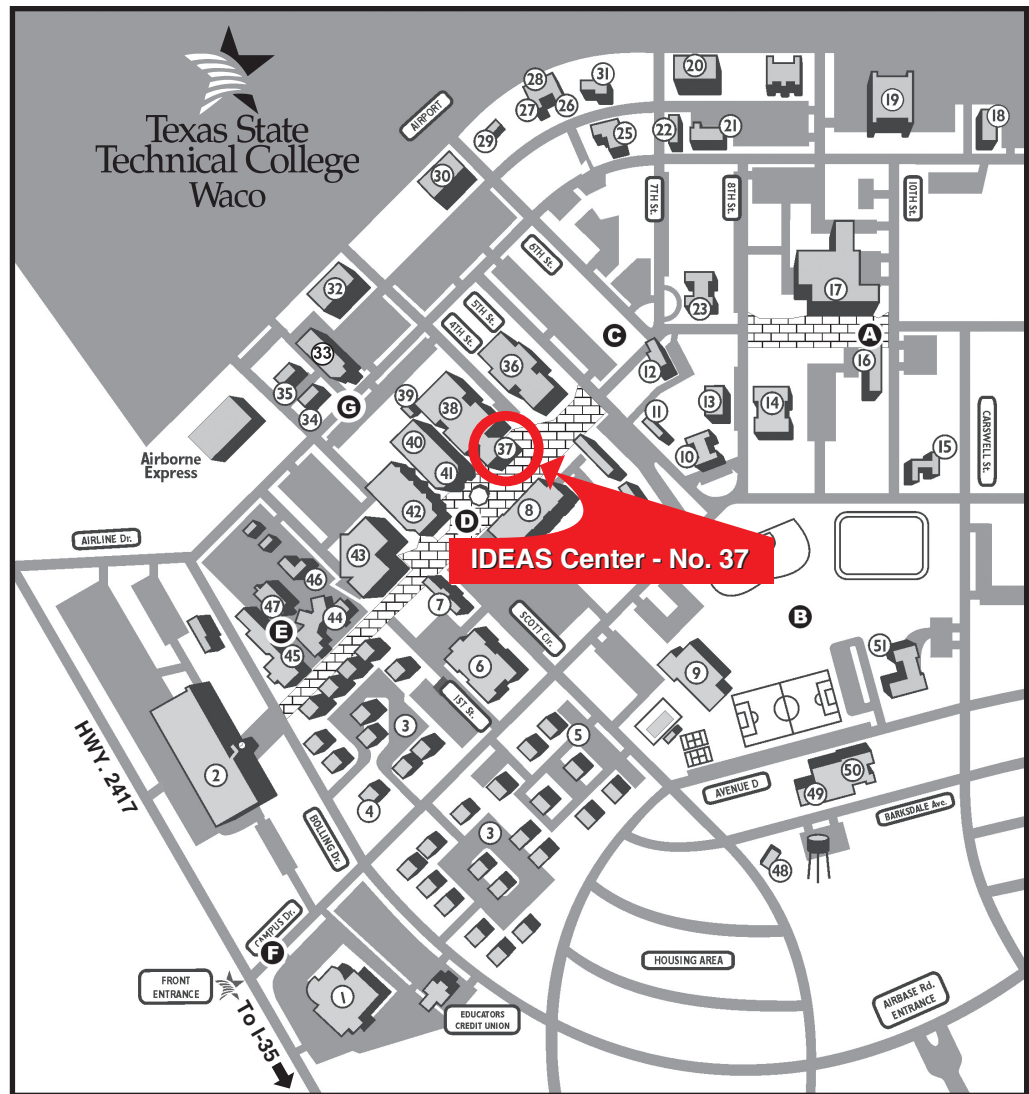
### Directions to Hotel

To get to the *Country Inn and Suites*, off I-35, exit Behrens Circle (Exit 338-B). The hotel will be on the southbound (west) side of the freeway.

### Accommodations

#### Country Inn and Suites

1502 North I-35  
Waco, Texas  
T: 254-799-1766  
Group ID 0915STC



*A block of 25 rooms has been reserved* for Friday and Saturday, September 15–16, 2006, until **August 30, 2006**, under the name South Texas Chapter of the Health Physics Society, **Group ID is 0915STC**. Room rates will be \$70–\$75, depending on room type and if a government employee. Do not delay making the reservation; because other conferences are being held in Waco that weekend, rooms will be scarce. This hotel offers a complimentary Continental breakfast and has a swimming pool.

### Family Attractions

*There are a number of family attractions in the Waco area*, including the Texas Ranger Hall of Fame & Museum, the Dr. Pepper Museum, Cameron Park Zoo, the Texas Sports Hall of Fame, and the beautiful Armstrong-Browning Library at Baylor University. The former warehouse area in downtown Waco, along the Brazos River, has been revitalized and converted into great restaurants and shops. Visit the Waco website at [www.waco-texas.com](http://www.waco-texas.com) for more information. ♦

**Emergency messaging telephone number is 254-867-3300**

NOTE: If you have further questions, please contact Local Meeting Arrangement Coordinator Linda Morris at 254-867-2952 or [Linda.Morris@tstc.edu](mailto:Linda.Morris@tstc.edu)

**Minutes** *Continued from page 15.*

grant. The deadline is in late May. The STC needs to inform the students about the approaching deadline for grant application. The applications are available on the STC website; the recipients are to be announced in August. The checks will be mailed to them, and we would like to present Certificates at the Fall meeting in Waco.

The STC will also be presenting awards to the Associate Degree and Graduate Degree students, since the Bachelor degree award is now made through the Nuclear Engineering Department at TAMU, as the Poston-Neff Scholarship.

Ad Hoc Task Force on Nuclear Training Endeavors—Marty Meltz. Although Marty Meltz was unable to attend the meeting, his written report stated:

“The Radiological Event Preparedness Registry (REPR) is up and running. There are 37 registrants as of this date.

A proposal has been submitted to the South Texas Regional Council on Trauma, in the amount of \$17,000, for making improvements in the REPR. The improvements include an activity to convert (upgrade) the REPR from ASP to the Microsoft .NET web environment, allowing for future improvements with more flexibility and other benefits. All of the funds are for programming time.

A larger proposal is being prepared for submittal (with state guidance) to the federal government. It would include the purchase of back-up equipment to be located away from UTHSCSA, and also extending the registry into the areas of chemical and biological terrorism preparedness and counseling preparedness.

To this point, we have 26 Texas registrants (radiation experts), and 11 registrants from other states. The latest is Tom Tenforde of the NCRP.

Because of my extensive travel since the end of January, with one more trip this month, I have not been able to market the REPR as well as I should have. In fact, we still do not have as many STC-HPS registrants as I would like. I will be working with Stan Bravenec to improve the numbers beginning the first week in May. I have just distributed the REPR information to the members of the Regional Emergency

Medical Preparedness Steering Committee (REMPSC), which has many accomplishments in the counties surrounding San Antonio. I expect a number of local users to now register.

Please remember that the REPR is a registry that anyone can help make usable. I have appended a FAQ document to this email, in the hope that it can be copied for distribution to all of the STC-HPS members attending the meeting this weekend.

I have heard, but would like to learn more, about the extent of the funds that the national HPS has received from HDR for training of first responders in the different STC areas.

Does anyone know anything about these funds?

Has anyone in the STC been contacted by national HPS to do training, with compensation from HPS?

I have not been contacted as Chair of the Nuclear Training Endeavors Task Force. If the funding exists:

Is the national HPS making good use of the funds?

If the funded program does not exist, please ignore the rest of the questions.

Sorry I am missing the meeting. I look forward to working further with all of you.

Best, Martin (Marty) Meltz”

Ken asked if anyone had signed in on the REPR. Two responded that they had tried, but were timed out. However, there were at least two or three that said they had no trouble signing up and being approved.

**Old Business**—None.

**New Business**—Ken asked for new business that should be brought before the EC.

It was discussed that an *ad hoc* committee could study means of attracting more meeting participation and attendance in general. The incoming president appoints ad hoc committee chairs. The discussions then centered on whether one committee or two should be formed because the problems are different. A consensus was that, although there is more than one problem, a single committee could focus on each problem. A motion was made

by Stacy and seconded by Roy for Jim Sharp to name the ad hoc committee.

The motion passed unanimously.

John H brought up the topic of a new logo for the STC. He suggested that the Southwest Research Institute graphic design group could design a logo similar to the ones we had at the Midyear meeting in San Antonio. A motion was made by Roy and seconded by John S that Jim select a group to investigate a new logo for the STC. The motion passed unanimously.

**Adjournment**—President Krieger adjourned the meeting at 8:00 p.m. ♦

## Welcome New STC Members

*Susan Jablonski, Chair of the Admissions (Membership) Committee*

The South Texas Chapter (STC) wishes to welcome our newest STC members

Charles C. Allen	Angelo State University, San Angelo
Jeremy Banks	Student–Science Fair Awardee in Austin
Jim Durham	Southwest Research Institute, San Antonio
David Pugh	Brooks Air Force Base, San Antonio
Philip Simpkin	Baker Hughes, Houston
Ali Simpkins	Southwest Research Institute, San Antonio
Diana Smith	Student–Texas State Technical College, Waco
Robert Stough	Student–Texas State Technical College, Waco
Shannon Voss	Student–TAMU, College Station
Robert Winkelmann	Texas Dept. of State Health Services, San Antonio

## SOUTH TEXAS CHAPTER - HEALTH PHYSICS SOCIETY—2006 AFFILIATE ROSTER

The Affiliates of the South Texas Chapter (STC) are listed below. Our Affiliates help support our Chapter functions, and we should support them. They contribute substantially to the STC, and each should be thanked by our considering their products or services first. Also, tell them we sent you. (*Affiliates: Please review your listing below and email any corrections to: admin@alphaneutronics.com*)

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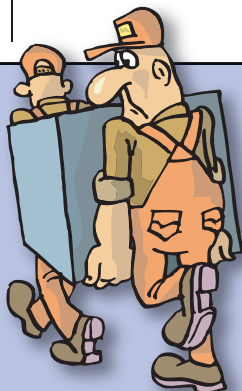
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### Future Meetings & Deadlines

Date	Location	Topic	Deadline for <i>The Billet</i>
September 15–16, 2006	Texas State Technical College Waco, TX	Joint Meeting of the North & South Texas Chapters Current Developments in HP & Merger of the Two Chapters	July 14, 2006
January 12–13, 2007	San Antonio, TX	Affiliates Fair	November 10, 2006
January 21–24, 2007	Knoxville, TN	HPS Midyear Symposium	NA
April 20–21, 2007	College Station, TX	Student Papers & Annual Meeting	February 16, 2007
July 8–12, 2007	Portland, OR	National HPS 52nd Annual Meeting	NA
September 2007	TBD	TBD	July 2007
January 27–30, 2008	Oakland, CA	HPS Midyear Symposium	NA
April/May 2008	TBD	Student Papers & Annual Meeting	February/March 2008
July 2008	Pittsburgh, PA	National HPS 53rd Annual Meeting	NA
January 2009	San Antonio or Austin, TX	HPS Midyear Symposium	TBD
July 12–16, 2009	Minneapolis, MN	National HPS 54th Annual Meeting	NA

\* Linda Morris to select the date

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