



THE *BILLET* STC NEWSLETTER

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

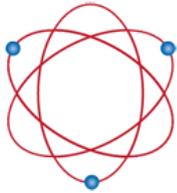
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Support the Future of HPS

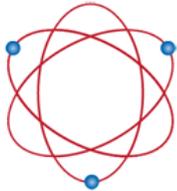
... a reminder to our members about one of our most important directives:

Aiding in research/education opportunities in health physics and radiation protection for college and university students



Nominations and Thanks to STC-HPS Members

The STC-HPS held its fall topical meeting on September 15, 2012 in Austin, Texas. The theme of the meeting was non-ionizing radiation and presentations were given by leading subject matter experts from various universities, military branches, and state government representatives.



TRAB Resolution Commemorates the 50th Anniversary of the Agreement between the State of Texas and the US Nuclear Regulatory Commission

Fifty years ago, an agreement between the State of Texas and the U.S. Atomic Energy Commission became effective. On January 10, 1963, (then) Governor Price Daniel entered into an agreement with the Atomic Energy Commission for Texas ...



STC Announcements

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By Ken Krieger

All STC-HPS members, I am writing this as a reminder to our members about one of our most important directives:

Aiding in research/education opportunities in health physics and radiation protection for college and university students

I would like to highly encourage our chapter members and associates to attend the next Student Presentation Meeting in Waco. I know everyone is busy and that their Saturdays are important, but if you come to only one meeting a year, make it the Student Meeting. Even though we are arguably one of the largest chapters in the US, we have had lower attendance at the Student Meetings. The presentations made by the students are an effort by them to become more involved in the Society and the scientific community. Please return the effort by showing your support for them and the STC-HPS. Remember, everyone started out as a student and needed feedback and encouragement from advisors, supervisors, professionals, and fellow students. Plan to attend the meeting to support the new generation of HPs and listen to their presentations. You might even learn something!

The next student meeting will be in [Waco, at the TSTC IDEAS Center, on April 20, 2013](#).

STC-HPS Links:

[STC-HPS Announcements](#)

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[New Members](#)

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Nominations and Thanks to STC-HPS Members

By Janet Gutiérrez

As President of the STC-HPS, it is with great pleasure that I have submitted nomination letters to the Health Physics Society for two of our own STC-HPS members. I have submitted nominations for Bob Cherry for HPS President-Elect and Ken Krieger for HPS Board Member. Both have put in many years of service for our chapter and the HPS national throughout the years. I wish them the best in their pursuits of their respective positions within the HPS national organization.

Nominations for HPS national are due by May 1, 2012, so if a member is interested in running for an elected HPS position, please contact me at janet.r.mccrary@uth.tmc.edu or 713-500-5844 to discuss a nomination letter.

I would also like to take the opportunity to thank all the current STC-HPS members that have served diligently in their elected positions at HPS National over the years. Please forgive me if I have left off any individuals, as I've based the list on my limited memory. I would like to thank the following STC members for their service to HPS National and if applicable, their service as officers of the STC:

- Edgar (Ed) Bailey
- Robert (Bob) Cherry Jr.
- John Hageman
- Ruth McBurney
- Milton McClain, Jr.
- John Poston, Sr.
- Ali Simpkins

I encourage all STC-HPS members to consider running for office or serving on a committee in the future. This helps to keep our chapter vibrant. Support of current and future health physicists through student meetings, highlighting student projects, student scholarships and judging of Junior and Senior high school science projects is also very important.

STC-HPS Links:

[Chapter Leadership](#)

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50th Anniversary Resolution

Fifty years ago, an agreement between the State of Texas and the U.S. Atomic Energy Commission became effective. On January 10, 1963, (then) Governor Price Daniel entered into an agreement with the Atomic Energy Commission for Texas to assume regulatory responsibility for certain radioactive materials in the state under Section 274 of the Atomic Energy Act of 1954, as amended (Agreement). This act made Texas the fifth State to become an “Agreement State” effective March 1, 1963. Under the Agreement, Texas assumed all licensing and regulatory authority over radioactive materials in the state, with the exception of special nuclear material in excess of a critical mass and radioactive material utilized by federal agencies.

Texas is one of only three Agreement States that has regulatory authority over uranium recovery and low-level radioactive waste disposal in addition to the authority exercised under the basic Agreement. The Texas Department of State Health Services regulates the safe operations of over 1,700 radioactive material licensees and over 20,000 x-ray, laser facilities, and mammography facilities. Through the Department of State Health Services, Texas was the first state to enact laser regulations; and the Department is the lead agency for emergency response planning and response to nuclear accidents. Also, the Department of State Health Services cooperates closely with the Texas Commission on Environmental Quality to safely regulate uranium mining, disposal of Low-Level Radioactive Waste, and non-oil and gas Naturally Occurring Radioactive Waste.

Therefore, be it resolved that the Texas Radiation Advisory Board hereby commemorates the 50th anniversary of the Agreement between Texas and the U.S. Nuclear Regulatory Commission, the successor to the Atomic Energy Commission, and that it honor all the individuals responsible for implementation and continuation of this historic compact.

This resolution was unanimously approved by the Texas Radiation Advisory Board at their February 8, 2013 meeting.

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STC Announcements

Bill (Hugh William) Bryant of Austin, Texas, passed away November 9, 2012

Bill (Hugh William) was born in Cosby, Tennessee on April 4, 1931. He married his wife, Alice Redmond, on June 18, 1954. Bill served his country as a veteran of the Korean War in the United States Air Force. He worked at Convair/General Dynamics in Fort Worth, Texas, for 19 years in the Nuclear Aircraft and Space Propulsion Division. He gave a fascinating presentation of some of his work on the nuclear powered jet at a recent STC-HPS meeting. Some of the radiation detection instruments Bill calibrated for NASA were left on the moon as part of the Apollo Program.

He was later employed for over 19 years at The University of Texas at Austin, where he retired as the Director of Environmental Safety and Health. He was a charter member and an Emeritus and Fellow Member of the Health Physics Society. Bill was an avid golfer and enjoyed serving his church and community as a basketball and softball coach, Sunday School Teacher, superintendent, and deacon-most recently at Great Hills Baptist Church in Austin, Texas.

In Bill's words, "God has been good to me, gave me a great family and has provided every need." Bill is survived by his daughters and their spouses, Betty and Russell Barrett, Rhonda and Ken O'Brien, and Donna and Rodney Lowry.



Bill Bryant

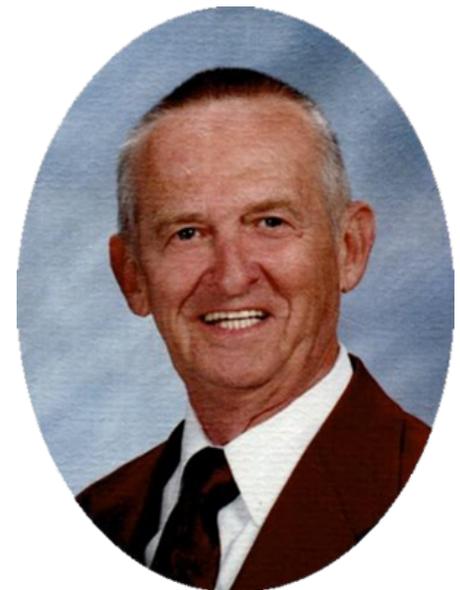
Remembering Clifford "Cliff" Elmont Winters, Jr.

By Scott Winters

In memoriam of Clifford "Cliff" Elmont Winters, Jr., 80, who passed away on Sunday, December 16, 2012, in Wichita Falls, Texas. He was born February 16, 1932 in New London, Connecticut. He is survived by Beverly Joan Porter, his wife of "59 years, 2 months, 7 days," stated in the manner that he would recite to her daily; his oldest daughter Lori Ann Strader of Wichita Falls; his son, Scott Joseph Winters of Knoxville, Tennessee; their respective spouses and family, totaling four grandchildren and one great-granddaughter; and preceded in death by his daughter Pamela Dru Rogers.

Cliff served in the U.S. Air Force during the Korean War and received instruction in the Navy's nuclear training program. After he left the military, Cliff supported the radiological testing program of nuclear submarines being built in Groton, Connecticut from 1955 to 1967. He was proud to have been a part of the team that made the USS Nautilus a reality. He was recruited by Todd Shipyards in Galveston, Texas, as the Radiation Safety Officer from 1968 to 1980. He supported the re-fueling operations of the NSS Savannah and was instrumental in commercializing the Technical Research Division. Cliff was the founder of Suntrac Services, Inc., and its President and CEO from 1981 to 1998. Those who knew him will remember Cliff for his dedication to family and friends.

Cliff was active in the Health Physics Society, especially the South Texas Chapter (STC); he recognized the value of having local chapters and actively engaged at every opportunity to support the Chapter's Affiliate Program. Cliff was given the honor of being named an Honorary Life Time Member of the STC-HPS for his serves as President, founder and Chairman of the Affiliates Program. The Affiliates of the STC are the principal source of income for the STC's funding of numerous student scholarships and speaker awards for several years. All current, past and student members of the STC are extremely thankful for all that Cliff Winters did for our Chapter.



Cliff Winters

Free Materials from Radiation Technology Inc.

By Ken Krieger

Radiation Technology Inc. (RTI), long time South Texas Chapter affiliate, has radioactive material that is no longer needed. If anyone else in the chapter/nation could use the material, they are welcome to it. We have several uranium and thorium compounds that need a new home.

We will give the following materials away for the cost of shipping and the proper radioactive material license. Although relatively old, these compounds do not decay away or break down. In many cases, the compounds are spectroscopic grade or hard to find standards/chemicals.

Pictures and more information are available upon request.

If you do not need these materials but know of someone who does, please forward this message.

Quantity	Description
4 Ea	Calibrated Ra-226 in water Standard
156 Grams	Thorium Oxide
50 Grams	Thorium Sulfate
150 Grams	Thorium Chloride
250 Grams	Thorium Nitrate
6 Each	Uranyl Nitrate (6-1 oz bottles)
100 Grams	Uranyl Sulfate
200 Grams	Uranyl Nitrate
6 Ounces	Uranyl Oxide
50 Grams	Uranium Acetate
500 Grams	U ₃ O ₈

RTI also has some large NaI crystals and large PMTs for sale if anyone is interested in them. Please contact Pam Zelewski at 512-346-7608.

Thank You, from Vickie Hurst

Dear South Texas Chapter of the Health Physics Society Executive Council,

I would like to thank everyone for the recent \$1000 Education Grant that I received. It is a blessing and could not have come at a better time. As a student, I am excited to be involved with the STC. Being invited and attending the meetings at both the state and national levels is an experience every student should experience. The opportunities to interact with individuals on a professional level is wonderful, and one not soon forgotten. At the last meeting, I had the pleasure of meeting Dr. Darrell Fisher, President-Elect for the national Health Physics Society. What an awesome opportunity that was for a student member.

Being a part of the Society has given me the confidence that I needed, to know I have made the right decision to return to school. After graduation, I intend to continue my involvement as a professional in the South Texas Chapter. You have helped so many of our Texas State Technical College students, and I thank you for being there for us.

Sincerely,



Vickie Hurst

Doris Bryan of Radiation Technology, Inc., Retires

By Pam Zelewski

Doris Bryan began working at Texas Nuclear in 1970, providing support for the Engineering Department. She subsequently had responsibilities for licensing of products, Environmental Services, and training provided for licensees. She was part of the team that wrote regulations for uses of radioactive material in food processing plants.

At Radiation Technology, Inc. she was co-owner and President of the company, Radiation Safety Officer, and provided licensing and regulatory support for clients. She served as the Industrial representative on the Texas Radiation Advisory Board and consulted with the NRC for proposed regulatory changes.

While Doris is no longer living in Austin, she continues to provide support for Radiation Technology, Inc.

Nuclear Regulatory Commission Letter to Governor Perry



CHAIRMAN

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

December 7, 2012

The Honorable Rick Perry
Governor of Texas
Austin, Texas 78711

Dear Governor Perry:

On behalf of the U.S. Nuclear Regulatory Commission, I extend our congratulations to the State of Texas on its 50th year anniversary of becoming an Agreement State. On January 10, 1963 (then) Governor Price Daniel, entered into an agreement with the Atomic Energy Commission to assume regulatory responsibility for certain radioactive materials under Section 274 of the Atomic Energy Act of 1954, as amended (the Agreement). This made Texas the fifth State to become an "Agreement State" effective March 1, 1963.

We commend the State on its successful efforts throughout the years in regulating the safe use of radioactive materials, thereby protecting the health and safety of the citizens of Texas and the environment from potential hazards or unintended exposures from licensed activities, as was committed to in the Agreement. We encourage your continued support of the important services provided by the Agreement State program.

We wish you continued success in these efforts and look forward to our agencies continuing to work cooperatively in the future. Please extend our congratulations to the staff and management of the Texas Department of State Health Services, Division of Regulatory Services, and the Texas Commission on Environmental Quality, Radioactive Materials Division.

Sincerely,

Allison M. Macfarlane

cc: Richard A. Ratliff
Charles Maguire
Roger Mulder

Received

DEC 14 2012

DSHS-Radiation Safety

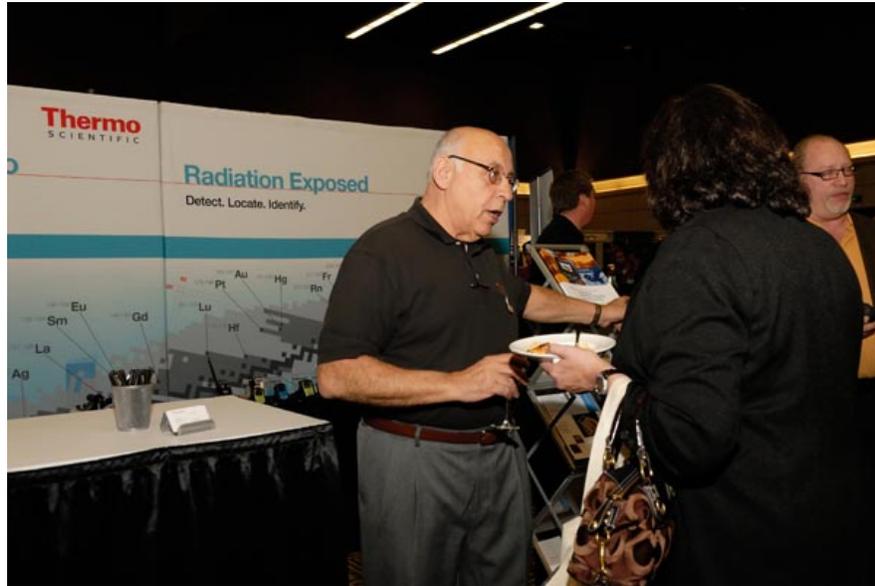
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Midyear Meeting Photos



Denny Cannon



Doug Johnson and Latha Vasudevan



John McCormick



Johnson Equipment



Karen Colucci, John McCormick and Ken Krieger



Ken Krieger and Luz Cheng



Ken Krieger, Luz Cheng, Chris Owen, and Latha Vasudevan



Luz Cheng and Sylvia Revell



Ortec Crew: Selene Carey, Ken Embury, Suzie Brockman and Jeremy Whorton



Stan Bravenec, Chris Owen and Latha Vasudevan



Unnamed, Ken Krieger and Jose Lopez

STC-HPS Links:

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Executive Council Minutes

Executive Council Minutes for January 11, 2013 - Austin, TX

Persons in Attendance

Executive Council (EC) Members:

Janet Gutiérrez – President
Jennifer Cerecero – President-Elect/Program Committee Chair
Scott Nicholson – President-Elect/Program Committee Chair

Kayla Evans – Secretary
Edgar Bailey – Treasurer
Warren Snell – EC Member

William Pate – EC Member/Webmaster
John Salsman – EC Member

Committee Chairpersons:

Amanda Sullivan – Admissions Committee Chair
John Hageman – Editor – *The Billet*
Ken Krieger – Representing Linda Morris, Student Assistance Chair

Chapter Members and Guests:

Al Evans – STC Member & Guest
Jim Sharp – STC Member & Guest

Meeting Minutes

Agenda Item	Discussion	Action
Call to Order 1732 hrs (5:32 p.m.)	Quorum Established. 8 out of 8 voting EC members.	NA
January 2013 STC-HPS Executive Meeting	Motion to approve the minutes from the September EC meeting Motion: John Salsman Second: Warren Snell	<i>Committee Vote:</i> Approved
President's Report	Special thanks to Scott Nicholson for filling in during the president's maternity leave. HPS Nominations – a. Nomination email for Ken Krieger to be HPS Board Member was submitted August 2012 b. Bob Cherry plans to solicit a STC-HPS nomination for HPS president elect for fall 2013 election, which is due February 2013. The Billet Publication Online and New Format – a. The President gave recognition for SwRI's many years of support for The Billet. There will be trial run support of three issues of The Billet per year online at \$2,250 per year, donated by SwRI b. Please submit articles for the next edition of The Billet Potential September Topical Meeting – Radiation Sources and Radiography in the Oil & Gas Industry – a. Possible joint sponsorship by UTHSC-H, SPH, and SWCOEH CE b. Proposal to host at UTHSC-H in Houston c. Consider including non-HPS member oil and gas experts d. Interactive sessions relating Rig Counts and Overexposures in Texas and other states e. Topic is being discussed at the next Texas Radiation Advisory Board meeting Janet has a copy of a graph relating rig count to overexposure that can be emailed out. After much discussion this idea was approved. 2014 will be the earliest that another Regulatory Conference could be held if necessary.	
President-Elect Report	The July 24, 2012 STC-HPS Breakfast meeting had 24 attendees and it was the first "plated" breakfast (vs. buffet style). We had a financial loss of \$188. September 15, 2012 Annual topical meeting on Non-ionizing radiation – There were 68 attendees, 12 speakers and the National HPS President-Elect visit. We had a financial loss of \$488, which is partially due to incurring costs of supporting the President-Elect's visit. January 12, 2013 affiliates fair meeting – All affiliates were invited by both email and phone call and we had 9 affiliate speakers, 12 exhibits and 5 technical talks. The anticipated financial loss is expected to be between \$800 and \$2,000. Thanks to Jennifer Cerecero for initiating the planning. Annual and Student Meeting – April 20, 2013 will be held at the confirmed location of the TSTC Idea	

Center in Waco. Emails have been sent to professors soliciting student papers. Ken Krieger is setting up the room block at the anticipated hotel, Holiday Inn. It was decided that there should be 15 rooms in the room block and the price will be ~ \$99.

Suggested Speaker Policy –

- Annual topical meeting – suggest waiving registration and lunch fees for non-STC-HPS member speakers. For members, give option to waive or not (i.e. donating).
- Affiliates fair – suggest one waived reservation fee per attending affiliate, additional affiliate’s attendees will need to pay and give them an opportunity to sponsor breaks and lunch. Raising affiliate dues to \$200 and giving one free lunch was also discussed. An ad hoc committee will come up with a written policy regarding how we handle affiliate fees and will send around to vote. This should be done after we have a budget.
- Student meeting – Suggest no waivers as \$10 fee for students is quite reasonable.

Action Item:

Ad hoc committee to develop a written policy regarding Affiliate dues and send out for a vote.

Observations –

- Chapter Officers and Volunteers – please look at the duties for your position as described on our website and consider any updates or edits that need to be made by the April meeting.
- Continuity files are important to capture lessons learned. An after-action report for each officer is suggested after they depart office and should consist of tips on good things to do and know to help with the transition. The Secretary should keep these on file.
- Financials: We need a budget for the four meetings a year, either standing or annual depending on locations.
- The proposed bylaws were sent out and received very little feedback. The minor changes were mostly grammatical changes and increasing the flexibility on the requirement for four meetings a year. Also, the bylaws should be updated regarding the three incorporators. Currently, there is a name in the bylaws and it would be better and more flexible to change the name to an office instead. This particular issue of the names in the bylaws involves the matured annuity, so it needs to be resolved before changing any of the bylaws.

Action Item:

Consider updates to Chapter Officer and Volunteer duties listed on website.

Past-President's Report

No new developments to report.

Secretary Report

No report at this time.

Treasurer Report

The Treasurer presented a written report which was approved by voice vote. The current balance of the science teacher account is \$3,622.85. The current balance of the student scholarship account is \$4,805.39. The current operating account balance is \$26,105.99.

Committee Vote:

Approved

The Finance committee determined that all of the money, including the science teacher and student scholarship accounts, goes into the operating bank account initially.

Issues:

- Resolution of closing out the Lincoln annuity that has matured.
- PayPal fees are 30¢ plus 2.2% of the transaction value.
- Drawing out “income” from annuities. There is approximately \$2,598 available without penalty and an additional \$3,180 available if we pay penalties. Any monies drawn out will be distributed to the science teacher, student scholarship and operating bank accounts.
- Resolution of additions to or subtractions from the Science Teacher Workshop and the student scholarship bank accounts.

Dues will be raised in 2014 for all memberships. Annual Member dues will be raised to \$20 from the current \$10, Affiliate dues will be raised to \$200 annually from the current \$150; dues will include exhibit space, registration, and lunch at the annual affiliate’s fair. Student dues will be raised to \$10.

Motion to raise dues John Salsman Will Pate (second)

Estimated Income: \$9,820
Projected Expenses: \$9,820

Motion to accept Treasurer’s Report John Salsman Warren Snell (second) Motion passes

Will Pate’s ad hoc committee discussed the process for pre-registration and how much the meeting fee is if the person is pre-registered, but does not pay before the last day of pre-registration. They determined that attendees must register and pay at the same time if they want the pre-registration price. If they pre-register and then pay at the door, they will be charged the higher price.

Ad Hoc Committee Report for Reimbursement of Speakers Report

Ad Hoc committee (Amanda Sullivan, Warren Snell and Ed Bailey) does not recommend waiving the registration and lunch fees for non-STC-HPS member speakers.

Ad Hoc committee will develop written policy for EC vote.

Membership Report

Current STC membership stands at 222 members and 24 affiliate memberships.

Motion to accept new members as nominated Janet Gutierrez Ed Bailey (second)

It was discussed that the paper membership form should be eliminated and that new membership application be strictly online. An email can be drafted to new members to ask for committee volunteer preference rather than using the paper form and an email can be drafted asking for donations by April.

Voted on new members.

WELCOME NEW STC MEMBERS!

New Members: (R-Regular, S-Student, A-Affiliate)

Victoria Potuck - Mirion

Webmaster Report

No report at this time.

Legislative Committee Report

No report at this time.

Affiliate Committee Report

Emails to renew affiliate memberships went out at the same time member renewal emails went out.

Nominations Committee

Elections are coming up for the following positions: President-Elect, Treasurer-Elect, and Board Member.

Jennifer Cerecero will send out emails for nominations and the ballot will go out at least 30 days prior to the student presentation/annual meeting. Please try to motivate members to participate and join the executive council.

Publications Committee Report

No report at this time.

The Billet

Future Meeting Dates: Jan 27-30, HPS mid-year in Scottsdale, AZ. April 19-20, Student Presentations and Annual Business Meeting in Waco, TX (Feb 7, 2013 for The Billet's deadline). July 7-11, National HPS 58th Annual Meeting in Madison, WI. Fall 2013 meeting (Sometime in September), Special Topic Meeting: Radiation Sources and Radiography in the Oil and Gas Industry at UTHSC-H (July 1, 2013 for The Billet's deadline). The Billet deadline for articles is two months before the particular meeting to allow for publication one month before the meeting.

Science Teacher Workshop (STW)

Workshop materials in Houston that were previously stored and used by Eva Legler have been retrieved and sorted. Outdated materials were disposed and anything useful for future workshops was kept and added to our current supplies.

All of the CDV instruments that were being stored in Austin have been retrieved (we lost our storage space) and will be transported to Waco on January 18 and added to additional units that are being stored and maintained by Ken Krieger. Many of these instruments have been checked by KI-4-U and should be operational. Ken has also been testing which instruments are operational or not (with the help of TSTC students as one of their lab classes) We have not received any donated instruments from counties or other entities from the discontinued DSHS program. Efforts to get instruments will continue when possible. Because of this transition, we are not able to report our current number of working instruments.

Workshop information was given to a number of interested teachers in September 2012 at the Alamo Regional Academy of Science and Engineering (ARASE) science fair seminar in San Antonio. We have not however, received any calls from this effort.

There have not been any workshops held since the last report nor are there any scheduled in the immediate future.

Karen Blanchard submitted a letter of resignation as this committee's Chair to the Chapter President.

Student Assistance Committee

Education Grant: We would like to have information in The Billet announcing the Student Education Grants for fall 2013. As usual, we will be giving \$1,000 associate and graduate degree grants (one of each). The deadline will be May 31, 2013. Students should attach their transcripts that indicate their Spring grades. The winners will be announced at the September 2013 STC-HPS meeting.

Student Assistance for HPS Annual Meeting: The HPS is giving travel awards for the national meeting in Madison, WI next summer. The deadline is March 1. Please remind student chapter members of this opportunity and deadline. Preference is given to student members who are presenting and willing to work at the conference.

Science Fairs 2013: Let's start thinking about asking Chapter members to volunteer as science fairs judges for 2013. The dates for 2013 are as follows:

Fair Name/Location	Date*	Volunteer(s)
Central Texas Science & Engineering Fair Waco, TX	2/26/13- 2/27/13	Linda Morris
Austin Energy Regional Science Festival	2/20/13- 2/23/13	Kayla Evans and Marc Goldsmith
Science & Engineering Fair of Houston	2/28/13- 3/2/13	Out Inyang and ?
Alamo Regional Science & Engineering Fair (San Antonio)	3/3/13- 3/5/13	Still Need a volunteer
ExxonMobil Texas Science & Engineering Fair (San Antonio)	3/26/13- 3/29/13	Frank Iddings

*Only one day needed for judging.

Interested Chapter members are asked to contact Linda Morris at 254-867-2952 or linda.morris@tstc.edu for more information and to volunteer. Last year's judges were terrific.

Student Presentations and Annual Meeting – The meeting will be held on April 19-20, 2013 at TSTC in Waco. The Saturday meeting will take place in the IDEAS Center on campus (same as in previous years). Hotel arrangements are expected to be completed in the next two weeks and the information sent to John Hageman for The Billet.

CEU Committee

5.5 CEU's will be awarded to LMPs and 0 CEU's will be awarded for the 2013 Affiliate's Fair.

New Business

Ed Bailey announced that there will be a symposium on NORM handling March 19-21, 2013 in Houston, TX.

Adjournment

1931 hours (7:31 p.m.)

Janet Gutierrez moved and
John Salsman seconded

STC-HPS Links:

[STC-HPS Announcements](#)

[Chapter Leadership](#)

[Meeting Registration](#)



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

Jim Lohaus - Regular Member

STC-HPS Links:

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- [Affiliates Roster](#)
- [Student Assistance](#)

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