

STC – EC Meeting – College Station, TX
April 6, 2018

1) Persons in Attendance:

Tracy Tipping
Janet Gutierrez
Linda Morris
John Hageman
Jay Poston
Sandra Ramirez
Latha Vasudevan
Scott Nichelson
Billie Harvey
Erich Fruchtnicht
Doug Johnson

2) Meeting Convened

Meeting convened at 6:33 by Janet Gutierrez, seconded by Sandra Ramirez

3) Reports Made

President – Amanda Sullivan

Report sent via email.

- Status of Charter – National website has been changed to reflect State of Texas
- Ali Simpkins Nomination for Treasurer-Elect for National HPS. Submitted letter of support on April 3rd 2018.
- December 2017 meeting – Thank you to everyone for your help and a big thank you to Latha for stepping in for me. Everything I've heard has been positive and I have all of you to thank for that.

President-Elect – Latha Vasudevan

- Next meeting September 2nd week
 - September 10th eve-planning for affiliates reception (Jennifer can you find out if this is possible)
 - September 11th- full meeting (I will work with Tracy on this)
 - September 12th- Comanche Peak tour tentative
 - Will enquire about minors and other family members.
 - National HPS president and President-Elect invited for Sept meeting and planning to attend
- Will check on hotel in Glenrose - state rate, reserved rooms, etc.
- Discuss registration charges for science fair awardee/neff-poston awardee
- Website
- Facebook page – Does STC-HPS still have Facebook page and if so, who is updating? Check with Will Pate. He used to do the updates.

Motion to approve new members. New members approved.

	Category	2018	Comments	2017	2016	2015	2014	2013
1	Honorary Lifetime Memberships	2	Hageman, Poston	1	1	2	2	2
2	Individual Memberships	101		117	111	116	130	241
3	Student Memberships	5		11	62	10	11	22
4	Science Fair Winners	0		3	2	0	2	0
	Sub-Total	115		115	176	127	143	167
5	Affiliate Memberships	3		15	23	22	22	18
	Total	110		135	199	149	165	185

(Numbers of 2018 Members, above, includes New Members listed below)

New Members

Nichols	Austin	Student	
Jackson	Yasmin	Student	
Saucke	Kate	Student	
Hill	Stuart	Regular	TAMU
Liu	Yuqing	Student	
Naeem	Syed	Regular	Texas A&M University
Mirza	Abdallah	Regular	Texas A&M University
Traphan	Nicole	Regular	TCEQ
Hebel	William	Regular	UT Health - Houston
Green	Ryan	Regular	University of Texas
De Los Reyes	Eira	Regular	University of Texas
Rogers	Louis	Regular	
Gutierrez-Garcia	Nina	Student	MD Anderson
Owens	Dylan	Student	

Affiliates Report – Jennifer Cerecero

Report sent via email.

1. Affiliate Members to Date – 14 total (2017 & 2018)
 - a. 2018 Renewals – Owens, ARDT, Suntrac
2. April 2018 – Will email out reminders for dues & try to get new affiliates this month. If you know of any companies that might be interested please send them my way.

**** Jennifer/Erich check with vendors about September meeting; reception on Monday evening on the 10th**

Secretary – Billie Harvey

Check national HPS site for contact emails for defunct chapters to reach out to them about including previous members in STC chapter correspondence. State and TCEQ has had large turnover in people. Reach out to them as well.

Treasurer- Jennifer Cerecero

Petty Cash Fund: \$ 85.00

Bank Accounts:

Bank Account	Previous Balance	Interest Received	Current Balance
Science Teacher (0279)	\$ 3990.98 (November 9, 2017)	\$ 0.64	\$ 3991.62 (March 9, 2018)
Student Scholarship (5456)	\$ 5119.48 (November 14, 2017)	\$ 0.83	\$ 5120.31 (March 14, 2018)

Bank Account	Previous Balance	Net Change	Current Balance
Operating Account (1166)	\$37479.51 (November 29, 2017)	(\$10532.10)	\$26947.41 (April 5, 2018)

Deposits into Operating Account:

PayPal	Treasurer Deposits	Hyatt Refund	Total
\$5434.69	\$990.00	\$3426.22	\$9850.91

Payments from Operating Account:

EXPENSE	AMOUNT
Website Fees	\$50.97
Weebly Fees (new website)	\$504.00
Office Supplies (Checks & New Treasurer Case)	\$195.62
Billet Fees	\$680.00
FedEx Poster for Last Meeting	\$128.80
Scholarship Winner	\$1000.00

Constant Contact	\$90.00
Hyatt Fees	\$17699.72
Secretary of State Name Change & Non-Periodic Report	\$33.90
TOTAL	\$20383.01

Summary of Meetings:

	Number Attending/Registered to	Amount Received	Meeting Cost	Difference
Waco Meeting 4/2015	49 attendees	\$1145.00	\$737.49	\$407.51
San Antonio Meeting 9/2015	60 attendees	\$4533.89	\$5093.31	(\$ 559.42)
College Station Meeting 4/2016	52 attendees	\$1115.00	\$2544.28	(\$1429.28)
Clear Lake Meeting 9/2016	80 attendees	\$8603.58	\$10019.12	(\$1415.54)
Waco Meeting 4/2017	41 attendees	\$1153.93	\$1106.50	\$47.43
Bastrop Meeting 12/2017	70 attendees	\$11670.00	\$19773.50 TBD	(\$8103.50)

Annuities:

Annuity	Previous Values	Current Values
Lincoln (699, 700, & 701)	\$ 31331.88 11/29/2017	\$ 31566.45 11/29/2017
Edward Jones	\$129819.39 11/29/2017	\$129646.62 11/29/2017
Total Values	\$161151.27 11/29/2017	\$161213.07 04/05/2018

*Rolled the cash from the Edward Jones account into the mutual funds.

Proposed 2018 Budget:

ESTIMATED INCOME:

\$ 12,000 Dues, Donations, Account Interest, & Investment Income

PROJECTED EXPENSES:

\$ 13,000 TOTAL including:

\$ 6,550 Student Assistance

\$ 3,000 - Three \$ 1,000 Educational Grants (include Undergraduates)

\$ 2,000 – Student Travel Grants
\$ 1,050 – Three \$ 250 & three \$ 100 Research Paper Awards
\$ 500 – Science Fair Awards
\$ 1,000 Billet Preparation and Editing
\$1000 Internet
\$ 1,500 Programs/Meetings*
\$ 1,400 Science Teacher Workshops
\$ 2,550 Administrative Expenses
\$ 750 – Bank, Post Office, Credit Card, and PayPal Charges
\$ 250 – Internet Host Fees
**\$ 1000 – Webmaster Fees
\$ 300- Constant Contact Fees
\$ 150 – Plaques and Awards
\$ 100 – Miscellaneous

* This is estimated cost exceeding monies received from registration fees.

** Budget listed is approved by the Executive Council pending verification of originally approved budget for Webmaster fees.

Student Assistance Committee Report – Linda Morris, Committee Chair

- 1. Science Fairs** – The South Texas Chapter participated in one regional science and engineering fair and the Texas Science and Engineering Fair. The winners are:

Science and Engineering Fair of Houston (Feb. 23-24, 2018):

Junior Division Winner: Yasmin Jackson, York Junior High School, Spring, TX – “Radioactive Dinner.” Yasmin also won a category award at the Texas Science & Engineering Fair in San Antonio. She has joined the STC, and will be presenting tomorrow.

Senior Division Winner: Steven Drabant, Academy of Science and Technology, Woodland, TX – “Improved Reception Techniques to Overcome the Sun’s Negative Effect on Radio Propagation.” Steven will be attending tomorrow also.

Texas Science and Engineering Fair (March 23-24, 2018):

Winner: Shankar Prathyush, Westwood High School, Round Rock, TX – “Marked

Reduction in ATPase Activity in *Staphylococcus aureus* Through Low Power

Electromagnetic Waves as a Novel Alternative to Antibiotics.”

The regional award winners were given a 7” X 9” plaque and a one-year complimentary student membership to the STC-HPS. The Texas winner received an 8” X 10” plaque, a \$50 check, and the student membership.

Thanks must be extended to our judges. They had *hundreds* of projects to sort through to find the ones related to radiation. Our gratitude is extended to:

Houston: Sandra Jimenez, Billie Harvey, and Stan Bravenec. (Janet Gutierrez presented the awards at the Awards Ceremony.)

Austin and Central Texas: Linda Morris (no qualifying projects)

Texas State Fair: Linda Morris

***Question:** In years past, winners were also given a copy of the *Chart of the Nuclides*. The distributor at that time provided “seconds” to us free of charge. The publisher has since changed distributors, and the new company is unable to provide the free copies. Janet Gutierrez has emphasized the important of providing this book to the winners and is requesting that the copies be purchased. It is estimated that we would need 4-6 copies per year. (Note: Even though we just had three winners this year, we would like to add the Dallas Regional Fair next year since staff at UT Southwestern have volunteered to judge up there. We also may have qualifying projects at the Austin and Central Texas fairs in the future.)

One of the student projects will be nominated for the national HPS Science Fair Award.

*The Executive Committee has approved the purchase of the charts. Current budget allotted for the science fairs should be enough to include the purchase of the charts.

- 2. Education Grants for Associate Degree and Graduate Degree Students** – Applications are available at this meeting. The applications on the website have incorrect contact information for Linda. (Can we get the webmaster to update these pages?) The deadline for the applications is the end of May. Applicants must be members in good standing of the STC. The grant is for \$1000 per award. The Neff-Poston award will be made in the fall to an undergraduate Radiological Health Engineering student at Texas A&M University. This award is approximately \$1250. Since the RHE program is being eliminated, there is some uncertainty about how the TAMU Nuclear Engineering Awards Committee will make these awards in the future.
- 3. Student Paper Presentation** – Student presentations will be given tomorrow. As usual, there will be three levels of competition: Associate, Undergraduate, and Graduate. Two awards will be given at each level (1st - \$250, 2nd - \$100) unless the Executive Council decides otherwise. (Note: Since there is only one associate degree presenter, can we take the \$100 second place award and split it among the other two groups as a third place?) Please select three or four judges at this meeting tonight.

***Questions:** We are giving the high school/junior high school presenters each a \$25 gift card. Is that acceptable? Also, can we discuss the registration fees paid by student presenters for the annual student conference? We have had two policies over years: student presenters register and enter a code which allows them free registration or student presenters pay the regular student registration fee. Current year Neff Poston awardee free?

*See New Business Section for discussion.

4. **Student Travel Grants** – Assist students desiring to attend the national HPS meeting in Cleveland this summer. Students receiving national travel grants will be notified soon. The HPS covers lodging, registration, and is giving about \$350 to each student to cover cost of transportation. Please consider awarding a student additional funds to make up the difference between actual expenses and the awards. Forms are available to be passed out tomorrow. (Updated list of current student members?)

5. **Academic Program Update** – Jacob Navar is leaving TSTC for another position at a Texas nuclear power plant. It is uncertain at this time what impact his leaving will have on the Radiation Protection Technology Program. He will be attending tomorrow with three or four students. The College has posted both an adjunct and a full-time position.

Visits to Student Branches – Linda along with Latha and Erik visited the TAMU Student Branch on February 1st to present information on the STC Student Assistance Program. Linda donated for the STC to cover the cost of the pizza at a future meeting. Linda also visited the TSTC Student Branch two weeks ago to present the same program. No donation was made since they already had purchased pizza for the meeting.

**Neff/Poston award – Latha will speak with department to recommend award goes to someone interested in Health Physics since that was the original intent of the award.

Legislative Committee Report – Bobby Janecka

Nothing to report.

Science Teachers Workshop Report - Ken Krieger, Science Teacher Workshop Coordinator

Nothing to report.

Public Relations Committee Report - Janet M Gutiérrez

Emery Fellowship at UTHealth School of Public Health Fellowship has been unveiled and is no longer secret. Thank you to the STC HPS leadership for their generous gift.

Request for Chart of the Nuclides to be included as part of science fair awards. This item has been consolidated with the Student Assistance Committee item on the same topic.

Nominations Chair Report – Sandra Ramirez

- Election result
 - President Elect – Tracy Tipping
 - Secretary – Will Pate
 - Board Member – Billie Harvey

Motion to certify results by Erich Fruchtnicht, 2nd by Sandra Ramirez. Motion passed.

Future STC-HPS Meetings and Deadlines for *The Billet* – John Hageman, Editor of *The Billet*

<u>Date</u>	<u>Location</u>	<u>Topic</u>	<u>Deadline</u> for <i>The Billet</i>
April 7, 2018	College Station, TX	STC Student Presentations & Annual Business Meeting	Feb. 1, 2018
July 15-19, 2018	Cleveland, OH	63 rd Annual HPS Meeting	NA
Sept. 10-12, 2018	Dallas Area	Affiliates' Fair and Technical Meeting	July 10, 2018

6. New Business

The Executive Committee has agreed that student presenters at the April meetings shall receive free registration and free lunch. All student presenters shall be eligible for the presentation awards. However, only student members of the chapter in good standing shall be eligible for travel grants.

Science fair presenters and a maximum of two guests each will also be given a free lunch.

Executive Committee should begin thinking about another joint state/chapter meeting.

Reinstitute leaving people on email list even if dues expired. There can be an email group for correspondence for members in good standing but anyone who is interested, member or not, should be able to receive emails about meetings and other general information to promote and support interest in the STC-HPS.

Deadline for Billet July 10th.

Wish list for official officer tags to identify the officers and make it easier to identify them during meetings.

Request to TRAB to receive guidance about who can order and perform various x-ray procedures. The regulations are confusing and disjointed. Jay Poston will draft a letter for John Hageman to put on the TRAB agenda for June's meeting.

7. Adjournment

Billie Harvey requested adjournment, 2nd by Sandra Ramirez. Meeting adjourned 8:33pm.