Despite the cool turn in weather, the competition was hot at the 2007 ExxonMobil Texas Science and Engineering Fair in San Antonio, TX. Capt. Krystyn Clark and Mr. Roger Winkelmann served as judges for the South Texas Chapter of the Health Physics Society award in the senior division. Science fair projects ranged the spectrum from non-ionizing UV projects to ionizing x-ray and gamma ray exposures. All students had good presentations of the material and displayed high levels of knowledge, creative ability, and critical thinking skills. Six impressive projects survived the initial cut covering four different scientific categories: physics, environmental science, cell biology, and plant biology. The final six projects were as follows:

- Civil Defense in the 21st Century
- Green or Green – NORM
- Fried Fruit Flies: Effect of Radiation on Drosophila
- Cell Growth: The Effects of Metals on Irradiated Yeast
- Saccharomyces Cerevisiae (Yeast) vs. Ultraviolet Light
- Developmental Effect & Genetic Analysis of X-rays on P1 and F1 Solanum Lycopersicum

After extensive deliberation, this year’s award went to Philip Pierce for his entry titled “Civil Defense in the 21st Century.” He

Continued on page 2.

The Texas Department of State Health Services, Texas Commission on Environmental Quality, and the South Texas Chapter of Health Physics Society are conducting the 2007 Texas Radiation Regulatory Conference, September 6 and 7.

The conference will be held from 1:00 p.m. on Thursday, September 6, 2007, through 4:00 p.m. on Friday, September 7, 2007, at the Doubletree Hotel on IH-35 North in Austin (512-454-3737).

Because of space limitations, attendance for the Conference will be limited to 250. To register for the Conference, please submit the registration form (page 14) and fee before August 23, 2007. If you have any questions, contact Peter Myers, Manager, DSHS Radioactive Material Licensing Group, 512-834-6770, extension 2209, or pete.myers@dshs.state.tx.us.

Continued on page 3.

The online STC Membership Directory will be available in a few weeks.
Robert A. “Rob” Ludlum

Robert “Rob” Ludlum, age 41, died Sunday, June 24, 2007, of heart failure. Mr. Ludlum was Vice President of Ludlum Measurements, Inc. and a member of the South Texas Chapter of the Health Physics Society and received its Volunteer of the Year award. He was born on May 29, 1966, in Sweetwater. He graduated from Sweetwater High School and attended Texas Tech University. He married his high school sweetheart Pam Fry on Dec. 28, 1985 and had two sons, Jeff and Kevin. Rob was very active in the Sweetwater community. He was a Sweetwater Rotarian and a Mason. Mr. Ludlum was a member of the First United Methodist Church. He had a fine tenor voice and was in the church choir and in a Barber Shop Quartet. He was a member of the Sweetwater School Board for several years and the Ambucs Club in Lubbock. Mr. Ludlum was named Sweetwater’s “Outstanding Young Citizen” in 2002. Rob is also survived by his parents, Don and Irene Ludlum; four sisters; and three brothers. Rob’s family requests that memorials be made to the First United Methodist Church of Sweetwater, 309 Cedar, Sweetwater, Texas 79556 and the American Heart Association, P.O. Box 15186, Austin, Texas 78761.

“Rob will be greatly missed by friends, family, and business colleagues.”

Richard Smola, Design Engineer, Ludlum Measurements, Inc.

“It was a shock to hear this morning. He was just out here not too long ago, and he invited me along with some other guys to lunch . . . he was so kind! He and two of his employees worked late one night wrapping PM tubes with light tight tape, and I stayed to help . . . (Rob was there for) whatever they needed.”

Alisha Stallard, RP-1 Health Physics Operations, Los Alamos National Laboratory

Science and Engineering Fair continued from page 1.

gathered and analyzed his own data using a single-channel analyzer and multiple ionizing radiation sources to determine shielding qualities of various building materials as part of a shelter-in-place scenario. His presentation was very professional, and he was well-informed in answering questions. He even used computer modeling to support his assumptions. Philip went a step beyond most other projects that were in the running due to his thoroughness of collecting, analyzing, and interpreting his data in traditional health physics fashion. Overall, Philip’s project was the best health physics entry in this year’s science fair. Philip was presented with a plaque from the STC-HPS, Chart of the Nuclides, $50 check, and complimentary 1-year membership in the STC-HPS.
Ali Simpkins, a senior research engineer in the Geosciences and Engineering Division at Southwest Research Institute (SwRI), has been selected to receive the 2007 Elda E. Anderson Award from the Health Physics Society (HPS).

The award honors the memory of Elda E. Anderson, a pioneer in the field of health physics and a founding member of HPS. It is given to an HPS member 40 years of age or younger in recognition of excellence in “research or development, discovery or invention, devotion to health physics, and/or significant contributions to the profession of health physics.”

Simpkins was recognized for her continued service to the HPS as well as her contribution to environmental health physics, including the development of tritium derived intervention levels adopted at the federal level.

Simpkins, who joined the SwRI staff in 2006, is a nuclear engineer with experience in environmental pathway analysis, risk assessment, and nuclear safety analysis. Her work at SwRI has concerned research on biosphere characteristics in support of regulatory reviews for the potential high-level radioactive waste repository at Yucca Mountain, Nev., and biosphere dose model development.

Simpkins holds bachelor’s and master’s degrees in nuclear engineering from the University of Missouri-Rolla. She is the author or co-author of more than 50 publications, presentations and technical reports and serves as a technical reviewer for the journals Health Physics, Nuclear Technology and Nuclear Safety.

Simpkins is director for the HPS Strategic Plan Goal 5: Government, Public and Society Relations. She is also a member of the American Nuclear Society, Tau Beta Pi, Alpha Nu Sigma and Blue Key. She received the award during the HPS Annual Meeting July 10 in Portland, Ore.

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**Conference continued from page 1.**

**Mammography**

In conjunction with the 2007 Texas Radiation Regulatory Conference, the Texas Department of State Health Services (DSHS) and the South Texas Chapter of the Health Physics Society (STC-HPS) are conducting a day of presentations on various aspects of safety related to Mammography; 6 continuing education credits will be awarded.

The presentations will be conducted from 8:00 a.m. to 5:00 p.m. on Wednesday, September 5, 2007, at the Doubletree Hotel on I-35-N in Austin (512-454-3737).

To register for the Mammography Session, please submit the registration form (page 12) and fee before August 23, 2007 (because of space limitations, attendance will be limited to 250).

**X-Ray Service Providers**

In conjunction with the 2007 Texas Radiation Regulatory Conference, the DSHS and the STC-HPS are conducting a special session for X-Ray Service Providers. The session will be held from 8:00 a.m. to 11:30 a.m. on Thursday, September 6, 2007. Please refer to the 2007 Texas Radiation Regulatory Conference when making your hotel reservation. After lunch following the special session, the main session of the Conference will convene at 1:00 p.m. and adjourn at 4:00 p.m. on Friday (September 7).

To register for the X-Ray Service Provider Session and/or the Main Session, please submit the registration form(s) and fee(s) (pages 13 and 14) before August 23, 2007 (because of space limitations, attendance for the special session will be limited to 50, and attendance at the main session will be limited to 250).

If attending one or both sessions, please submit the fee given on the registration forms. Attendees with questions should contact Tommy Cardwell, Manager, DSHS Radiation Branch, Inspection Unit, at 512-834-6770, extension 2036, or thomas.cardwell@dshs.state.tx.us

We look forward to seeing you at the meeting.
The South Texas Chapter (STC) of the Health Physics Society has been very busy so far this year encouraging young people in the study of health physics. Here are some of our chapter-sponsored student assistance activities:

**Science Fairs:** The year started off briskly with the Austin Area Science Festival in February. Judge David Fogle selected one Junior Division and one Senior Division winner. Vaishnavi Rao won at the junior level. Vaishnavi, accompanied by her dad, later attended the STC meeting in College Station in April. She also elected to take advantage of one of the benefits of being a regional science fair winner and joined the STC as a student member. Brenda Ariza, a tenth-grade student, won at the senior level. Please see David Fogle’s article in the March 2007 issue of *The Billet* for more information.

Ken and Stacy Krieger judged the Alamo Regional Science and Engineering Fair on March 15-17, 2007, in San Antonio. The STC award was presented to a Junior Level Team project prepared by Derek Lam and Gregory Steinhelper. Derek and Greg studied the effect of laser light on plant growth.

The Science and Engineering Fair of Houston was judged by three STC members: Lead Judge Janet McCrary, STC Secretary Stan Bravenec, and Eddie Giles. The STC made three awards. The ninth-grade winner was Katie Powell. Katie’s project was entitled “Are There ELFs in Your Child’s Car Safety Seat?” Katie has joined the STC, and she and her dad also attended the Chapter meeting in College Station on April 21, 2007. Katie displayed her project at this meeting for STC members’ enjoyment. Luke Orlando won the Junior Division award, and Alexandra Proctor the Senior Division award.

At the Central Texas Regional Science and Engineering Fair, held on March 1-2, 2007, in Waco, STC member Linda Morris gave one award. Stephanie Simcox of McGregor High School received our award for her project entitled, “Fried Flies.” Her project was selected to go on to the State and...
International Science Fairs. Stephanie also joined the South Texas Chapter as a student member.

The last science fair of the 2007 season in Texas was the ExxonMobil Texas State Science and Engineering Fair held in San Antonio on April 5-7, 2007. Captain Krystyn Clark and Roger Winkelmann judged this fair. For the second time in three years, Henrietta, TX, junior Philip Pierce won the STC award. This year Philip studied building material attenuation for civil defense. Philip, who has been an STC member for three years, has joined the national HPS. He and his father attended the April 2007 STC meeting in College Station, also bringing his project for display. It should be noted that Philip’s project was submitted to the HPS for the 2007 National Science Fair award. He was selected as a winner in 2005. Philip, whose project won numerous awards at the State fair including the US Army award, also went on to the INTEL International Science and Engineering Fair which was held in May.

The Student Assistance Committee thanks all of the judges for their dedication to our science fair efforts!

Annual Student Meeting: The April 21, 2007, STC meeting in College Station featured student presentations. Associate degree student Joshua Wilder, TSTC; graduate student Laura Strban, UTHSC-SA; and undergraduate students Luke Metardus and Chris Miller, both from TAMU, won awards. As mentioned earlier in this article, a number of our 2007 science fair winners and their parents attended the meeting.

In other news: STC Education Grant applications are being evaluated. One associate degree and graduate degree award will be announced at the September 2007 Regulatory Conference meeting in Austin. Each award will be $750. The second recipient of the Neff-Poston Endowed Scholarship at Texas A&M University is Annie Backhaus. Annie is a senior Radiological Health Engineering major. She received an award of $1250.

The South Texas Chapter is definitely following its chartered purpose: education. Thank you all for supporting the Student Assistance Committee and its activities!
Minutes of the Executive Council Meeting of the South Texas Chapter of the Health Physics Society, Inc.

Spring Annual Meeting, College Station, Texas

April 20, 2007

Stan Bravenec, MS, CHMM, Secretary

**Persons in attendance**—Executive Council (EC) Members: Jim Sharp, President; Martin Meltz, President-Elect; Ken Krieger, Past-President; Stan Bravenec, Secretary; Stacy Krieger, Treasurer; Albert Evans, EC Member; Douglas Johnson, EC Member; Karen Blanchard, EC Member. Committee Chairpersons: John Hageman, The Billet Editor; Jim Lewis, Admissions; Susan Jablonski, Legislative; David Fogle, Nominations; Mike Charlton, Membership Participation. Chapter Members and Guests: John White, STC member and President, North Texas Chapter; Sharon Sharp, STC member; Bill Bryant, STC member; John Salsman, STC member; Ashley Tull, Conference Guest Speaker

**Call to Order**—5:43 p.m. Quorum established, 17-minute recess, meeting resumed at 6:00 p.m.

**Agenda Approval**—Motion: President Sharp, Second: Karen Blanchard, EC Vote: Approved

**September 2006 STC Minutes Approval**—Motion: Stan Bravenec, Second: Doug Johnson, EC Vote: Approved

**Chapter Election Results:**
President-Elect...........Jay Poston
Treasurer-Elect..........Bill Bryant
Board Director..........Doug Johnson

**President’s Report**—President Sharp thanked the Committees and EC for the active participation contributing to a successful year. The EC expressed appreciation for President Sharp’s work and commitment. President Sharp extended special appreciation to John Salsman, Dan Menchaca, and Doug Johnson for their work with the Student Presentation Meeting. The EC expressed appreciation for the work that went into the meeting preparation. President Sharp extended thanks to Pete Myers and Al Evans for their work on the Regulatory Conference and the Science Teacher Workshop, respectively. The EC expressed appreciation for continuing work toward the Conference and Science Teacher Workshops.

**Treasurer’s Report**—Stacy Krieger is resigning as the STC Treasurer due to job and location change. The EC extends thanks to Stacy for her years of outstanding service to the STC-HPS. President-Elect Meltz proposed that Bill Bryant (newly elected Treasurer-Elect) assume the position of Treasurer. Motion: Marty Meltz, Second: Stan Bravenec, EC Vote: Approved. Enroll in PayPal for dues and other Chapter payments, Motion: Karen Blanchard, Second: Stan Bravenec, EC Vote: Approved. Purchase 7-month Certificate of Deposit in the amount of $12,000 at 4.88% Interest, Motion: President Sharp, Second: Karen Blanchard, EC Vote: Approved. Payment of Balloting expenses of $138.18 to Chapter Secretary; Motion: Al Evans, Second: Karen Blanchard, EC Vote: Approved. Payment of Science Teacher Workshop Expenses of $873.38, Motion: Stan Bravenec, Second: Marty Meltz, EC Vote: Approved.

**Secretary’s Report**—Stan Bravenec. Additional needs for the September Regulatory Conference were discussed. Pete Myers will coordinate with the EC for additional needs. A link to the conference will be added to the STC-HPS website. Nolan Hertel (National HPS liaison) was invited to attend the September Regulatory Conference.

Budget line item for STC-HPS meeting speakers’ protocol: Funding request for travel, lodging, and meal costs will be submitted to EC by the Program Chair annually. The EC will vote on expenses. Motion: Marty Meltz, Second: Stan Bravenec, EC Vote: Approved.

**Science Fair Winner Awards**—The STC will pay lunch and meeting registration expenses for the Science Fair winner and two guests. Motion: Karen Blanchard, Second: Ken Krieger, EC Vote: Approved.

**Nominations Committee**—David Fogle reported David Cadena is pending status as a Fellow of the Health Physics Society. No one is currently applying for membership on national HPS committees. Thanks to David Fogle for putting together a great group of candidates for the current STC election. The EC extends thanks to David for this great effort.
Admissions—Jim Lewis, New STC Members (Confirmed National HPS Members). Motion: Marty Meltz, Second: Karen Blanchard, EC Vote: All new members approved. (See the entire list on page 8.)

2007 Membership Summary: Regular members: 191, Affiliates: 9, Student: 17, RSO course: 6, Science Fair: 4, Honorary: 2, Total: 229

Jim Lewis demonstrated the new electronic membership registration and update page for the STC-HPS website. The EC applauded the efforts as this is a positive step in the simplification of the registration process. The EC recommended adding a link to the REPR and Committee links on the registration page. Establish a new policy: If someone joins the chapter between September and December, the dues apply to the following year. Motion: Marty Meltz, Second: Stan Bravenec, EC Vote: Approved.

Task Force for Nuclear Training Endeavors—President-Elect Meltz reported that the project has been awarded $5900.00 for the Radiological Event Preparedness Registry (REPR). The REPR is being moved to the South Texas Trauma Regional Advisory Council Server.

Program Committee—2008 January STC Meeting possibly in San Antonio. The theme of Diagnostic and Therapy Physics was proposed. Dates of January 5, 13, or 20 were proposed. Dr. Meltz will task the President-Elect (Jay Poston) with the meeting arrangements. The program chair is tasked with setting up the STC breakfast at the 2007 National HPS meeting. The National HPS has requested a liaison for the 2009 mid-year meeting. Mike Charlton and Marty Meltz were recommended as local arrangements chairs. San Antonio is being looked at for the location.

Legislation—Susan Jablonski reported a legislative update was given that included numerous bills involving radiation and new nuclear power plants in Texas. President-Elect Meltz suggested that a page on the STC website be established for current legislative updates. The EC agreed the legislative page is an excellent idea and should be established.

Science Teacher Workshop—Al Evans provided a detailed report of the STW activities. A poster presentation and 6-hour workshop was given at the American Association of Physics Teachers in March. An exhibit booth is reserved at the Science Teachers Association of Texas in November. Inventories of STW notebooks, CDs, instruments, and handouts are fast approaching zero. An announcement for volunteers to help meet the commitments will be sent out.

Student Assistance Committee—Linda Morris (absent) passed on thanks to the Science Fair judges. The EC extends thanks to the Science Fair Judges. Two STC TSTI Student members have received HPS travel grants for the National Meeting. The EC congratulates the students.

STC Member Survey—Mike Charlton. The survey was distributed to 217 Chapter members with a 20% return rate. The EC expressed appreciation to Mike for conducting and tabulating the survey results. The survey results were recommended to be posted to the Chapter website.

Special Awards—The STC awarded Jim Lewis the Chapter Volunteer of the Year Award. Jim has done an extensive amount of work for the admissions process enhancing and simplifying the STC membership database and registration process. The STC has benefited greatly from Jim’s continuing contributions.

Adjournment—The meeting adjourned at 9:35 p.m. ♦
Welcome New STC Members
Jim Lewis, Admissions (Membership) Committee Chair

New STC Members (Confirmed National HPS members) (4):
Charles W. Beasley, Ph.D. .................. The University of Texas Health Science Center, Houston, TX
Jack McCarroll (student member) ..... Texas State Technical College, Waco, TX
Sylvia Revell ...................................... The University of Texas-Southwestern Medical Center, Dallas, TX
Mitchell (Mick) Truitt ......................... Canberra, East Haven, CT

New STC Members to be voted on (10):
Christopher Amaro ....................... Texas Department of State Health Services, Austin, TX
Lee Heft ............................................. Pathfinder Energy Services, Houston, TX
Gary Isenhower, M.S. ................. self-employed, Houston, TX
Alisa L. Johnson ............................... Texas State Technical College, Waco, TX
Luke Leppla ....................................... The University of Texas at San Antonio, TX
Wendy Perry, wife of Robert G. Perry ... Dickinson, TX
James Smith ..................................... Texas State Technical College, Waco, TX
Ted Thorpe ......................................... Texas State Technical College, Waco, TX
Tricia Tynan ................................. The University of Texas Health Science Center, San Antonio, TX
Patty Worthey ................................... South Texas Project Nuclear Operating Company (STPNOC), Wadsworth, TX

Science Fair Members granted complimentary membership (4):
Katie Powell ..................................... Clear Lake High School, Houston, TX
Vaishnavi Rao .................................. Canyon Vista Middle School, Austin, TX
Stephanie Simcox .............................. McGregor High School, McGregor, TX
Gregory Steinhelper ............................ Keystone School, San Antonio, TX

Go to www.stc-hps.org/billet.htm
to view this newsletter IN COLOR!
To be among the first to know when The Billet is online, email STCEditor@swri.org
Not only will you be among the first, you’ll also save the cost of printing and postage.
South Texas Chapter of the Health Physics Society, Inc.

Regulatory Conference & Summer Meeting

Organizational and Rule Changes & Keynote Presentation by Dale Klein, PhD
Chairperson, U.S. Nuclear Regulatory Commission

with

Dinner Presentation by Ray Guilmette, PhD
Los Alamos National Laboratory
Former President, Health Physics Society

Doubletree Hotel
6505 IH-35 North, Austin, Texas

September 6-7, 2007

The last regulatory conference was three years ago; a lot can happen in three years, and it has. Come to this conference to learn about what has happened and how it might affect you.

Three years ago, the Texas Department of Health was reorganized into the Texas Department of State Health Services (DSHS), and the Bureau of Radiation Control was reorganized into a functionalized structure within the DSHS Regulatory Services Division. That organizational structure remains, but the most recent legislative session resulted in the DSHS uranium licensing program and waste processing licensing program migrating to the Texas Commission on Environmental Quality, effective June 25, 2007.

Another recent legislative action did a good thing, for both regulators and the regulated—the linkage between fee payment and permit expiration has been eliminated. Consequently, the dreaded administrative renewal will be eliminated, along with expiration dates for General License Acknowledgements and Dental, Podiatric, and Veterinary Certificates of Registration.

Attend the conference to learn about these and other rule changes.

You’ve probably seen television accounts of the Polonium-210 poisoning of Russian former-KGB agent Alexander Litvinenko. At Thursday night’s dinner, Dr. Ray Guilmette, Los Alamos National Laboratory, will provide an interesting presentation on the radiobiology and health physics of that poisoning.

You may have also heard about how terrorist organizations are rebuilding. At the conference you will learn about (1) some lessons learned from the first year of increased controls inspections, (2) how our nation’s security program for radioactive material is evolving (e.g., fingerprinting of persons being granted unescorted access to quantities of concern is being discussed by NRC), and (3) the national source tracking system.

Fairly significant changes in the regulation of medical uses of radioactive material and how physicists can be approved as authorized medical physicists will be discussed.

Dr. Dale Klein will provide information about NRC Activities.

Dr. Ray Guilmette will discuss the radiobiology and health physics of Litvinenko’s poisoning.

8 CEUs Awarded for LMP & MRT Certifications
Based on evaluation of finalized agenda by DSHS Professional Licensure Staff
Mammography Session [Moderator: Jo Turkette, RTR(M), DSHS]
Wednesday, September 5, 2007, North Ballroom
$50 Pre-registration, Registration Form on page 12.

7:00–8:00 Registration (Coffee)
8:00–9:00 Current Trends in Mammography Dr. Otto, MD, Dir, Breast Imaging and Intervention, UTHSC-SA
Break (Coffee)
9:00–10:00 Breast-Specific Gamma Imaging Dr. Parsons, MD, RT, RDMS, Clinical Breast Imager, The Rose
10:00–11:00 Transitioning from Film and Screen to Digital Systems Lisa Quest, RTR(M), QC/QA Coor, S Texas Radiology Centers
11:00–1:00 Lunch on your own
1:00–2:00 Mammography Film Processor QC Carl Keener, PhD, Medical & Radiation Physics Inc
2:00–3:00 Breast Cancer Staging and Treatment Sandra Hatch, MD, University of Texas Medical Branch
Break (Sodas)
3:00–4:00 Texas as a Mammography Certifying Body Cathy Fontaine, RTR, DSHS
4:00–5:00 Pot Holes in the Road to Compliance Jerry Cogburn, DSHS

X-Ray Service Provider Session (Moderator: Lisa Bruedigan, RTR, RDMS, DSHS)
Thursday, September 6, 2007, Dezavala Room
$50 Pre-registration, Registration Form on page 13.

7:00–8:00 Registration (Coffee)
8:00–8:15 Overview Lisa Bruedigan, RTR, RDMS, DSHS
8:15–8:45 Registration of X-Ray Service Providers Shannon Dove-Edson, RTR(M), DSHS
8:45–9:30 Service Provider Regulatory Requirements Jack England, RTR, DSHS
Break (Coffee)
9:30–10:30 Briefing on Remote Inspection Program June Ayers, DSHS
10:30–11:00 DSHS Panel Discussion Lisa Bruedigan, RTR, RDMS; June Ayers; Jack England, RTR; Jerry Cogburn; Helen Watkins

Main Session
Thursday, September 6, 2007, North Ballroom
$100 Pre-registration ($125 if also attending X-Ray Service Provider Session), Registration Form on page 14.

11:00–1:00 Registration (Coffee in Vendor’s Display Area)
1:00–1:30 Welcoming and Opening Remarks
   President, South Texas Chapter HPS John Poston Jr., PhD, STC-HPS
   Commissioner, DSHS (or representative) TBD, DSHS
   Commissioner, TCEQ (or representative) TBD, TCEQ
1:30–2:00 NRC Activities and Vision for the Future Dale Klein, PhD, Chairman, NRC
2:00–2:15 Impact of 2005 Energy Policy Act Cindy Cardwell, DSHS
2:15–2:45 Break in Vendors’ Display Area
2:45–3:00 TCEQ Update Susan Jablonski, MS, PE, TCEQ
3:00–3:15 DSHS Legislative Update Richard Ratliff, PE, LMP, DSHS
3:15–3:30 Overview of Regulatory Changes Cindy Cardwell, DSHS

Continued on next page
Main Session – Thursday, September 6, 2007 (continued)

3:30–4:00  Emerging X-Ray Modalities ...........................................TBD
4:00–5:00  Radioactive Material Security
    Pre-Licensing Verification of Legitimacy ..............................Pete Myers, MS, DSHS
    IC Inspections (Lessons Learned) .........................................Thomas Cardwell, DSHS
    National Source Tracking System .......................................David Fogle, DSHS
5:00–6:30  Cash Bar and Hors d’oeuvres
6:30–8:30  Dinner w/Speaker.............................................................Ray Guilmette, PhD, CHP, Los Alamos National Laboratory

Main Session

Friday, September 7, 2007, North Ballroom

7:00–8:00  Registration (Coffee in Vendors’ Display Area)
8:00–9:00  Fingerprinting Persons Authorized Unescorted Access...........Alice Rogers, PE, DSHS (OAS Representative NRC Work Group) to Quantities of Concern
9:00–9:15  Performance-Based Inspections ........................................Bill Silva, DSHS
9:15–9:45  Break in Vendors’ Display Area
9:45–10:15  Radioactive Waste Issues/Activities.................................Susan Jablonski, MS, PE, TCEQ
10:15–11:00  Medical – Rule Changes
    National Update......................................................................Cindy Cardwell, DSHS
    TRAB Concerns ....................................................................Kim Howard, MD, TRAB
    AAPM Petition-1 ....................................................................Dr. Howard, MD, TRAB
    AAPM Petition-2 .....................................................................Darice Bailey, DSHS (OAS Representative NRC Work Group)
11:00–12:45  Lunch on your own
12:45–1:30  Medical – Policy Changes
    Mobile Nuclear Medicine ......................................................Pete Myers, MS, DSHS
    Diagnostic Nuclear Medicine Model Procedures..................Pete Myers, MS, DSHS
1:30–2:15  Emergency Response
    Community Preparedness......................................................Bob Free, DSHS
    Border Issues.......................................................................Bob Free, DSHS
2:15–2:45  Break in Vendors’ Display Area
2:45–3:15  Radiation Emergency Preparedness Update......................Mike Rutherford, DSHS
3:15–4:00  Regulatory Requirements Dealing with Incidents: ............Bob Cherry, PhD, CHP, EarthTech
    Source Melts in Recycling Furnaces

4:00  STC Summer Meeting, Robertson Room

Waste Exemptions Session

Friday, September 7, 2007, Dezavala Room

7:00–8:00  Registration (Coffee in Vendors’ Display Area)
8:00–12:00  Open Discussion Workshop
Mammography Session Registration
2007 Texas Radiation Regulatory Conference

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

<table>
<thead>
<tr>
<th>September 5, 2007</th>
</tr>
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<tbody>
<tr>
<td>Doubletree Hotel IH-35 North</td>
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<tr>
<td>Austin, Texas</td>
</tr>
</tbody>
</table>

Pre-Registration

Hotel Registration Deadline — August 23, 2007  Meeting Pre-Registration Deadline — August 23, 2007

Attendance will be limited to 250
On-site registration cannot be guaranteed

Attendee’s Name __________________________________________________________

Attendee’s Address _______________________________________________________________________

City __________________________ State ________________ Zip ________________

☐ Pre-registration fee - $50, Mammography Session only
☐ Registration after August 23 - $75
☐ Need a CEU certificate
☐ Need a receipt

Mail this pre-registration with your check  OR  To pay by credit card (Visa®/MasterCard®/AmericanExpress®/Discover®), transmit your credit card number, expiration date, and authorized payment to the STC-HPS Treasurer, before August 23, 2007, choosing one of the following methods:

STC-HPS
P.O. Box 201723
Austin, TX 78729-2209

☐ Include it on the Meeting Pre-Registration form
☐ Email it to pete.myers@dshs.state.tx.us
☐ Fax it to Pete Myers at 512-834-6690
☐ Telephone it to Pete Myers at 512-834-6688 Ext. 2209

Number __________________________ Expiration Date __________
Signature _______________________________________________________________________

Pre-registration will close August 23, 2007. If you will not be able to attend the meeting, please call and cancel your reservation PRIOR TO AUGUST 23, 2007. Any reservations not cancelled by August 23, 2007, will be regarded as confirmed reservations, and funds will be collected for the meeting. Refunds will be honored only for cancellations made before August 23, 2007. Registration fees collected after August 23, 2007, or at the door, if available, will be $25 extra.
X-Ray Service Provider Session Registration
2007 Texas Radiation Regulatory Conference

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

Pre-Registration

Hotel Registration Deadline — August 23, 2007  Meeting Pre-Registration Deadline — August 23, 2007

Attendance will be limited to 50
On-site registration cannot be guaranteed

Attendee’s Name ________________________________________________________________

Attendee’s Address ___________________________________________________________________________

City ___________________________ State ___________ Zip ____________________________

☐ Pre-registration fee - $50, X-Ray Service Provider Session only*
☐ Registration after August 23 - $75*
☐ Need a CEU certificate
☐ Need a receipt
* If registering for the X-Ray Service Provider Session and the Main Session, see page 14.

Mail this pre-registration with your check OR (made payable to the STC-HPS) to arrive before August 23, 2007, to:

STC-HPS
P.O. Box 201723
Austin, TX 78729-2209

To pay by credit card (Visa®/MasterCard®/AmericanExpress®/Discover®), transmit your credit card number, expiration date, and authorized payment to the STC-HPS Treasurer, before August 23, 2007, choosing one of the following methods:

☐ Include it on the Meeting Pre-Registration form
☐ Email it to pete.myers@dshs.state.tx.us
☐ Fax it to Pete Myers at 512-834-6690
☐ Telephone it to Pete Myers at 512-834-6688 Ext. 2209

Number ___________________________ Expiration Date ________

Signature ____________________________________________________________________________

Pre-registration will close August 23, 2007. If you will not be able to attend the meeting, please call and cancel your reservation PRIOR TO AUGUST 23, 2007. Any reservations not cancelled by August 23, 2007, will be regarded as confirmed reservations, and funds will be collected for the meeting. Refunds will be honored only for cancellations made before August 23, 2007. Registration fees collected after August 23, 2007, or at the door, if available, will be $25 extra.
Main Session Registration
2007 Texas Radiation Regulatory Conference
Please submit a Meeting Registration form for each member or guest attending the meeting and mail to the address below.

<table>
<thead>
<tr>
<th>September 6–7, 2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doubletree Hotel IH-35 North</td>
</tr>
<tr>
<td>Austin, Texas</td>
</tr>
</tbody>
</table>

**Pre-Registration**

*Hotel Registration Deadline — August 23, 2007
*Meeting Pre-Registration Deadline — August 23, 2007

*Attendance will be limited to 250
*On-site registration cannot be guaranteed

<table>
<thead>
<tr>
<th><strong>Attendee’s Name</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Attendee’s Address</strong></td>
<td></td>
</tr>
<tr>
<td>City __________________________</td>
<td>State __________</td>
</tr>
</tbody>
</table>

- Pre-registration fee - $100 for Main Session or $125 for X-Ray Service Provider Session and Main Session
- Registration after August 23 - $125 for Main Session or $175 for X-Ray Service Provider and Main Session
- Need a CEU certificate
- Need a receipt

Mail this pre-registration with your check  OR  To pay by credit card (Visa®/MasterCard®/AmericanExpress®/Discover®), transmit your credit card number, expiration date, and authorized payment to the STC-HPS Treasurer, before August 23, 2007, choosing one of the following methods:

- Include it on the Meeting Pre-Registration form
- Email it to pete.myers@dshs.state.tx.us
- Fax it to Pete Myers at 512-834-6690
- Telephone it to Pete Myers at 512-834-6688 Ext. 2209

| Number ______________________ | Expiration Date ________ |
| Signature ___________________ |  |

**Pre-registration will close August 23, 2007.** If you will not be able to attend the meeting, please call and cancel your reservation PRIOR TO AUGUST 23, 2007. Any reservations not cancelled by August 23, 2007, will be regarded as confirmed reservations, and funds will be collected for the meeting. Refunds will be honored only for cancellations made before August 23, 2007. Registration fees collected after August 23, 2007, or at the door, if available, will be $25 extra.
Accommodations

Doubletree Hotel – Austin
6505 IH-35 North ♦ Austin, TX ♦ Reservations: 512-454-3737 or 1-800-222-TREE

A block of 30 rooms has been reserved for Tuesday night (September 4), 10 rooms have been reserved for Wednesday night (September 5), 75 rooms have been reserved for Thursday night (September 6), and 15 rooms have been reserved for Friday night (September 7) at the rate of $85 (single) and $135 (double) under the name of 2007 Texas Radiation Regulatory Conference until August 23. To secure these rates, you must call the reservation telephone number listed above and specify that you are with the Texas Radiation Regulatory Conference. You may also book a room online at “Doubletree Hotel Austin Texas” by entering dates for check-in and check-out, clicking “Go” “Check Availability,” and entering TCE in the block designated Group/Convention Code (under Special Accounts). After August 23, 2007, reservations will continue to be honored based strictly on room availability; however, extension of the $85 rate will be unavailable. Therefore, make your reservations early!

Doubletree Amenities
Room Features
◆ Cable TV with pay-per-view movies, Nintendo®, Web-TV, and complimentary HBO®
◆ Rooms available with Sweet Dreams® by Doubletree sleep experience
◆ High-speed Internet access (fee) with remote printing capability
◆ Sweet Dreams alarm clock radio with MP3 connections ◆ Coffeemakers with complimentary coffee and tea
◆ Individual climate control ◆ Electronic door locks
◆ USA Today® delivered each weekday morning ◆ Two telephones with data ports and voicemail

Facilities
◆ Complimentary High-speed wireless internet access in lobby, restaurant, and lounge
◆ Outdoor swimming pool and whirlpool ◆ Fitness Center
◆ Parking rate reduced from $8/day to $3/day ◆ Room service available
◆ Gift shop ◆ Courtyard lounge and cafe

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

Now is your chance to exhibit your products and services at the 2007 Texas Radiation Regulatory Conference…at no charge!

Take advantage of this GREAT opportunity.

Fill out the Affiliate-Exhibitor Sign-Up form below and submit it to Andrew Pitts.

---

Affiliate Name: __________________________

Address: ____________________________________________________________

City _______________________________ State _______________ Zip _____________

Telephone _______________________________ Email __________________________

Persons Planning to Attend

___________________________________________________________

___________________________________________________________

Interested in Sponsoring Food/Beverages for Breaks  ❑ Y  ❑ N

Comments: __________________________________________________________

Fee Schedule for booth  $0

Send to: Andrew Pitts
admin@alphaneutronics.com
or 11534 Trickey Road
Houston, TX 77067
T: 281-872-0075
F: 281-872-0075
# South Texas Chapter - Health Physics Society

**Member Renewal/Application**

*Form Available Online*

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Business Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home Address</td>
<td>Business Address</td>
</tr>
<tr>
<td>City</td>
<td>City</td>
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<tr>
<td>State</td>
<td>State</td>
</tr>
<tr>
<td>Zip</td>
<td>Zip</td>
</tr>
<tr>
<td>Home Phone</td>
<td>Business Phone</td>
</tr>
<tr>
<td>Home Fax</td>
<td>Business Fax</td>
</tr>
</tbody>
</table>

Email

- I only want *The Billet* electronically.
- I would prefer to receive mail at:  Home  Business
- I would prefer to receive calls at:  Home  Business

- Yes, I am a National HPS member.
- Yes, I am a Certified Health Physicist.
- Yes, I am a Registered Radiation Protection Technologist.

Please check the STC-HPS committee(s) on which you would like to actively serve.

- Nominating
- Meeting Program
- Admissions (Membership)
- Publications
- Legislation
- Public Relations
- Affiliate
- Other/Ad Hoc
- Student Assistance
- Science Teacher Workshop

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

**STC-HPS dues for the year:**

- Regular membership: $10/yr × _____ Years = $____________
- Student membership: $ 5/yr × _____ Years = $____________
- Student Scholarship Fund Donation (tax deductible) = $____________
- Science Teachers Workshop Donation (tax deductible) = $____________

**Total Enclosed** = $____________

**Please mail this form with your check or money order to:**

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

**To pay by credit card** (Visa®/MasterCard®/AmericanExpress®/Discover®), transmit your credit card number, expiration date, and authorized payment to the STC-HPS Treasurer, choosing one of the following methods:

- Include it on the Member Renewal/Application form
- Email it to pete.myers@dshs.state.tx.us
- Fax it to Pete Myers at 512-834-6690
- Telephone it to Pete Myers at 512-834-6688 Ext.2209

Number __________________  Expiration Date __________

Signature ________________________________
# Affiliate Renewal/Application

**Forms Available Online**

**Affiliate Contact Person (One Free Individual Membership):**

*Please print – This information is used for mailing labels and directory listing, and will appear in The Billet and on the chapter web site at www.stc-hps.org*

<table>
<thead>
<tr>
<th>Company Name</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact</td>
<td></td>
</tr>
<tr>
<td>Mailing Address</td>
<td></td>
</tr>
<tr>
<td>Street Address</td>
<td></td>
</tr>
<tr>
<td>City</td>
<td>State</td>
</tr>
<tr>
<td>Work</td>
<td>Fax</td>
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<tr>
<td>Email</td>
<td></td>
</tr>
<tr>
<td>Company Web Site</td>
<td></td>
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</tbody>
</table>

**Alternate Contact Person (Optional):**

<table>
<thead>
<tr>
<th>Company Name</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
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<td>Street Address</td>
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<td>State</td>
</tr>
<tr>
<td>Work</td>
<td>Fax</td>
</tr>
<tr>
<td>Email</td>
<td></td>
</tr>
</tbody>
</table>

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**Affiliate Annual Membership Dues $150.00**

Chapter President Martin Meltz extends a personal invitation to you to become (or remain) a chapter affiliate member and participate in the Annual Affiliates Fair as well as all activities of the chapter throughout the year. Affiliate membership includes an advertisement in the STC-HPS Membership Directory, exhibit space at the Affiliates Fair, one individual chapter membership, a company web site link from the STC-HPS web site, and a listing on the Affiliate Membership Roster printed in all issues of *The Billet* (an STC-HPS quarterly newsletter).

Make check payable to STC-HPS or transmit credit card information to Pete Myers, Treasurer.

Mail completed form and payment to:

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

Direct any Affiliate related questions, comments, or address corrections to:

Andrew Pitts  
STC-HPS Affiliates Committee Chair  
Alpha Neutronics, Inc.  
11534 Trickey Road  
Houston, TX 77067-3406  
E: admin@alphaneutronics.com  
T: 281-872-0075
SOUTHWEST TEXAS CHAPTER - HEALTH PHYSICS SOCIETY—2007 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)

ADCO Services
Len Warbany
17650 Duwan Drive
Tinley Park, IL 60477
WEB: www.adcoservices.com
E: lenwar@adcoservices.com
T: 800-282-2306
F: 708-423-9759

Advanced Measurement Technology, Inc. (ORTEC)
Barr J. Wilson
13 Calle Alejandra
Santa Fe, NM 87508
WEB: www.ortec-online.com
E: barry.wilson@ortec-online.com
T/F: 505-466-1358
C: 505-310-1721

Alpha Neutronics, Inc.
Andrew Pilts
11534 Frickey Road
Houston, TX 77067-3406
WEB: www.alphaneutronics.com
E: admin@alphaneutronics.com
T: 281-872-0075
F: 281-872-0075

Atomic Energy Industrial Laboratories (AEIL) of the Southwest, Inc.
Steven H. Allen
9261 Kirby Drive
Houston, TX 77054-2514
WEB: www.aeil.com
E: shallen@aeil.com
T: 877-866-AEIL (toll-free)
F: 713-790-9719
C: 713-790-9542

Berthold Technologies, LLC
Darrell Scoggins
99 Midway Lane
Oak Ridge, TN 37830
WEB: www.berthold-us.com
E: Darrell.Scoggins@bertholdtech.com
T: 9209 Oak Ridge Highway
Lenoir City, TN 37771
WEB: www.fjspecialty.com
F: 352-680-1454
E: fandj@fjspecialty.com
T: 352-680-1177

Canberra Industries, Inc.
John Lukovene
4428 Stone Mountain Drive
Fort Worth, TX 76123
WEB: www.canberra.com
E: Jlejune@canberra.com
T: 817-423-9633
C: 817-584-0323

Dade Moeller & Associates
Jodi Jenkins
3445 Executive Center Drive Suite 100
Austin, TX 78731
WEB: www.moolerinc.com
E: jodi.jenkins@moolerinc.com
T: 512-340-0702
F: 512-340-0902

Earth Tech, Inc.
8005 Outer Circle Road
Brooks City Base, TX 78235
WEB: www.earthtech.com
T: 210-271-2925
F: 210-271-3061

F&J Specialty Products, Inc.
Frank Gavila
404 Cypress Road
Ocala, FL 34472
WEB: www.fjspecialty.com
T: 352-680-1454
F: 352-680-1177

F&J Biomedical
Tom Krivan
6045 Cochran Road
Cleveland, OH 44139
WEB: www.fjspecialty.com
E: tom.krivan@flukebiomedical.com
T: 440-349-2307
F: 516-678-6141
WEB: www.flukebiomedical.com

LND, Inc.
William J. Lehert
1926 Elm Tree Drive
Nashville, TN 37210-3718
WEB: www.lndinc.com
T: 615-683-9760
F: 615-787-1395

Lumidex Measurements, Inc.
Dwane Steven
Post Office Box 810
501 Oak Street
Sweetwater, TX 79556
WEB: www.lmindc.com
E: dwsteven@lmindc.com
T: 817-568-6248
F: 817-568-6704

Phoencian Scientific Sales
Bill Tucker
Post Office Box 2074
Roswell, GA 30077
WEB: www.phoenixscientificsales.com
T: 866-483-1551
F: 866-483-1530

Protein Instruments Corp.
John Sowald
231 Sam Rayburn Parkway
Lunoe City, TX 77771
WEB: www.proteininstrument.com
T: 866-717-3460
F: 866-717-3456

PULCR, Inc.
Joe Edlethorn
9209 Oak Ridge Highway
Oak Ridge, TN 37830-3500
WEB: www.pulcr.com
E: joes@pulcr.com
T: 865-927-0358
F: 865-927-0868

Quantum Technical Services, Inc.
Jim Sharp
Post Office Box 2226
League City, TX 77574
WEB: www.quantumtechnicals.com
E: Jim@quantumtechnicals.com
T: 281-455-7780
F: 281-316-1028

Radiation Technology, Inc.
Doris Bryan
Post Office Box 27637
Sugar Land, TX 77478
WEB: www.radiationtechnology.com
E: radiationtech@msn.com
T: 713-973-9461
F: K.T. Tsorbatzoglou@saint-gobain.com
WEB: www.detectors.saint-gobain.com

Owens Scientific, Inc.
Betsy Hall
23230 Sandgate Lane
Katy, TX 77494-4207
WEB: www.owensscientific.com
T: 281-394-2311
F: 281-394-2522
AN: 713-784-8443

PhiloTechnics, LTD
R.J. Pastor
Post Office Box 4489
Oak Ridge, TN 37831-4489
WEB: www.philoTechnics.com
E: rjpastor@philoTechnics.com
T: 865-483-1551
F: 865-483-1530

Phoenix Scientific Sales
Bill Tucker
Post Office Box 2074
Roswell, GA 30077
WEB: www.phoenixscientificsales.com
T: 866-483-1551
F: 866-483-1530

Suntrac Services, Inc.
Rob D’Onofrio
1818 East Main Street
League City, TX 77573
WEB: www.suntrac.com
E: rob@suntrac.com
T: 281-338-2133
F: 281-338-2136

Texas State Technical College
Linda Morris
Honorary Affiliate
3801 Constitution Drive
Waco, TX 76705
WEB: www.tstc.edu
E: Linda.Morris@tstc.edu
T: 254-867-2952

The Delphi Group, Inc.
Ron Gauny
2211 South 85th Street Suite 400
Austin, TX 78741
WEB: www.delphigroup.com
E: rdiguny@delphigroup.com
T: 512-462-1181
F: 512-462-1187

Thermo Fisher Scientific
Denny Cannon
Post Office Box 621059
Littleton, CO 80162
WEB: www.thermofisher.com
E: denny.cannon@thermofisher.com
T: 303-948-5001
F: 303-978-0518

Thermo Fisher Scientific
Michael Fontenot
200 A.E.I. Drive
Lafayette, LA 70503
WEB: www.thermofisher.com
E: michael.fontenot@thermofisher.com
T: 318-722-4568

Charles (Dick) Landfried
200 A.E.I. Drive
Sugar Land, TX 77478
WEB: www.thermofisher.com
E: michael.fontenot@thermofisher.com
T: 318-722-4568

SOUTH TEXAS CHAPTER - HEALTH PHYSICS SOCIETY—2007 AFFILIATE ROSTER

CHANGING YOUR ADDRESS?
Don’t miss one issue of The Billet.
CHANGING office? home? phone?
NOTIFY Jim Lewis AT:
Jim.Lewis@utsa.edu
Check [www.stc-hps.org](http://www.stc-hps.org) for a color copy of *The Billet.*

### Future Meetings & Deadlines

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Topic</th>
<th>Deadline for <em>The Billet</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>January 4–5, 11–12, or 18–19, 2008</td>
<td>San Antonio, TX</td>
<td>Medical Radiation &amp; Planning for the 2009 HPS Midyear Symposium</td>
<td>November 2, 2007</td>
</tr>
<tr>
<td>January 27–30, 2008</td>
<td>Oakland, CA</td>
<td>HPS Midyear Symposium</td>
<td>NA</td>
</tr>
<tr>
<td>Early April 2008</td>
<td>Waco, TX</td>
<td>Student Papers &amp; Annual Meeting</td>
<td>February 2, 2008</td>
</tr>
<tr>
<td>July 2008</td>
<td>Pittsburgh, PA</td>
<td>National HPS 53rd Annual Meeting</td>
<td>NA</td>
</tr>
<tr>
<td>November 2008</td>
<td>San Antonio, TX</td>
<td>STC Local Arrangements Committee Meeting for the 2009 HPS Midyear Symposium</td>
<td>September 7, 2008</td>
</tr>
<tr>
<td>January 2009</td>
<td>San Antonio, TX</td>
<td>HPS Midyear Symposium</td>
<td>NA</td>
</tr>
<tr>
<td>July 12–16, 2009</td>
<td>Minneapolis, MN</td>
<td>National HPS 54th Annual Meeting</td>
<td>NA</td>
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</tbody>
</table>

Go to [www.stc-hps.org](http://www.stc-hps.org) for copies of membership and affiliate applications and meeting registration forms.