

3b. Division Procedures Manual review:

Date of last review: fall 2007

4. Please complete the following table of positions within the Division

	Position Filled? (Y/N)	# of candidates who ran	# who held other <u>elected</u> positions in the Division	# who have held other <u>appointed</u> positions in the Division	# with \leq 2 years of service to the Division
Chair-Elect	Yes	1			1
Secretary	Yes	1			
Treasurer	Yes	1			
Councilor	Yes	1	1	1	
Alternate-Councilor	Yes	1	1	1	
Member-at-Large	N/A				
Other Position (1)*					
Other Position (2)**					

* Position (1) Specify: _____

** Position (2) Specify: _____

Volunteers

5. Please indicate the approximate number of active volunteers in your Division. (A volunteer is defined as a member who helps plan or organize a meeting or activity, serves on a committee, or is an elected official including Councilor and Alternate Councilor.)

Total number of volunteers: _____ 25 _____

Number of new volunteers in 2008: _____ 5 _____

Succession Planning

6. How does your Division identify and nurture future division leaders? (Check all that apply.)

- Self-Nominations
- Solicitation or advertising
- Identify active committee members
- Formal leadership training
- Outreach to new members
- Arm-Twisting
- Other. Specify: _____

7. Describe your Division's long-term plan and procedures for developing new leaders and/or volunteers.

Using advertising in the Spring Issue of ConnecTECH, an urgent need for volunteers and for candidates for office was made to TECH Members.

Unfortunately, limited responses were received from the membership. Thus a plan was implemented to bring together ACS and industrial leaders in a summit to address the following questions:

- Is there a future need for the Division of Chemical Technicians?
- If there is a need for our Division, then who is willing to step up to volunteer for these roles?

Fifteen ACS members and nine staff gathered between December 12 – 14, 2008 for the Applied Chemical Technology Professionals Summit. The organizing committee will take the recommendations and action items to begin to create a plan for implementation that will be discussed during TECH, CTA, and other meetings in Salt Lake City in March.

The conversation at the Applied Chemical Technology Summit focused on the challenges that we face in the future. The participants included Tom Lane, the current ACS President, and Over Twenty participants from CTA, TECH, WCC, YCC, Corporate Associates, and ACS Staff. All engaged in a discussion of topics ranging from a description of an Applied Chemical Technology Professional to the Environment of Applied Chemistry in 2015 to the characteristics of the Applied Chemistry Practitioner in 2015. The participants from addressed the needs of the Applied Chemical Technology Professionals and how ACS could meet these needs.

The following were the Recommendation of the summit to TECH and CTA:

1. Recommend a single entity at the national Society level to focus all efforts directed to the technician community. To initiate this action, addressed the implications and consequences of dissolving the Division of Chemical Technicians with the goal of having the Committee on Chemical Technicians become that primary entity.
2. Engage in relationship building with industry through Corporation Associates and the Division of Industrial and Engineering Chemistry.
3. Participate in Regional Programming.
4. Incorporate networking opportunities, mentoring, and continuing education into the initiatives with CA and the regions.
5. Catalogue tech-relevant ACS professional development offerings and communicate to appropriate audience.

Between December 2008 and January 2009, the TECH Executive team addressed these recommendations as follows:.

1. "In light of the recent Bylaw and Constitutional changes approved by the membership of the American Chemical Society. The leadership of the Division of Chemical Technicians (TECH) now feel that the main purposes for the formation of the Division 15 years ago have come to fruition. Technicians are indeed fully welcomed into the ACS! With this realization and looking towards the future, the TECH leadership feels that the division,

specifically built around technicians, no longer needs to remain in place. It is vital now that technicians continue their participation within the ACS in a Division aligned to their professional efforts. In this proposal, the TECH leadership does recognize the need for a technician voice within the ACS that can represent technicians on the governance level. We also feel that there are some key aspects of TECH that should continue into the future.

Thus, we believe that a re-aligned Committee on Technician Affairs (CTA) should be the identity to be that voice for technicians. A reorganized CTA, much like the model already used by the Younger Chemists Committee (YCC) and Women Chemists Committee (WCC), we feel would be the strongest home for these efforts. Along with a refocus of efforts by CTA, it is important that the ACS jurisdiction over CTA be that which represents the working technician in industry and/or governmental labs. To this end, the TECH Leadership is bringing forth to its members the proposal to finish the work of the Division of Chemical Technicians by year-end 2009. This proposal would also include the plan to have all officers, who would normally reach the end of their terms at the Fall National ACS Meeting, stay in their positions through 12-31-2009. This year would be used to work with the Division Activities Committee (DAC) in this effort and working with CTA as it deals with the Committee on Committees (ConC) to restructure itself more like the YCC and WCC by 1-1-2010." The TECH Executive is designing a plan to address these needs and we would need your input. Part of the design will be the WEBSITE (this will need to be continued), Newsletter (how this will work), Programming (still can be done), leadership opportunities (ACS has numerous opportunities), Awards (these will continue we will address a plan), to name a few.

2. We have a liaison to Corporate Associates through CTA.
3. A list of potential Courses have been presented to representatives from Continuing education and concerns of price and availability, we also have a new WEBSITE.

Communication with Members

8a. How does the Division communicate with its members? (*Check all that apply.*)

- Print Newsletters
- Electronic Newsletters
- Other Printed Material besides Newsletters.

Specify: _____

- E-Mail Blasts
- Pre-Meeting Separates
- Division Website. Date of last Division website revision?

Specify: _____ New Website released Dec 2008___ <http://acs-tech.org/>_____

- Open Division Meetings
- Other: _____

8b. How does the Division provide meeting content to its members? (*Check all that apply.*)

- ACS Symposium Series publications
- Webinars
- Databases
- Recorded Meeting Content Distributed over the Internet.
Specify: _____
- Other. Specify: __Newsletter_____

Programming

9. Contact Information for your Division's Regional Meeting Coordinator:

Name: _____ Richard Cobb _____
Phone: _____ 585-277-2903 _____
E-Mail: _____ d.richard.cobb@kodak.com _____

10. Contact Information for your Division's Multidisciplinary Program Planning Group (MPPG) Representative:

Name: _____ Mary Moore _____
Phone: _____ 423-229-1911 _____
E-Mail: _____ mkmoore@eastman.com _____

National Meeting Programming

Enter information below for the Spring and Fall National Meetings.

11a. How far in advance does your Division plan its programming?

- 1 year
- 2 years
- 3 years
- 4 years or more

11b. What were your Division activities at the Spring National Meeting? (*Check all that apply.*)

- Organized Programming
- Cosponsored symposia with other ACS Units (Do not include co-listed symposia)
- Cosponsored Meeting with Other (non-ACS) Organizations
- Held Workshops

Held Tutorials

Other Activities. Specify:

NCTA Dinner, CTA/TECH Luncheon, Executive Meeting, Open Meeting, Joint CTA/TECH Executive Meeting

11c. What were your Division activities at the Fall National Meeting? (*Check all that apply.*)

Organized Programming

Cosponsored symposia with other ACS Units (Do not include co-listed symposia)

Cosponsored Meeting with Other (non-ACS) Organizations

Held Workshops

Held Tutorials

Other Activities. Specify:

TAG Leadership Training, Executive Meeting, open Meeting, Joint CTA/TECH Executive meeting, TECH Website Training, TECH Luncheon Social

Divisional, Regional, or Local Section Meeting Programming

Enter information below for any other meetings your Division may have developed or participated in. (Divisional meetings are meetings your Division hosted for your Division members.)

Meeting #1 Information

12a. Type of Meeting #1:

Divisional

Regional

Local Section

12b. Details of the Meeting #1:

Name of Meeting: SERMACS

Date of Meeting: November 12-15 2008

Location of Meeting: Nashville, TN

Attendance at Meeting: 1500+

12c. What were your Division activities and responsibilities at Meeting? (*Check all that apply.*)

Organized Programming. Briefly describe: Symposium, "Why I choose to be an Applied Chemical Professional"

Cosponsored symposia with other ACS Units (Do not include co-listed symposia).
Briefly describe: _____

- Cosponsored Meeting with Other (non-ACS) Organizations.

Briefly describe: _____

- Held Workshops. Briefly describe: _____

- Held Tutorials. Briefly describe: _____

- Other Activities. Specify:** Judge Undergraduate Posters, Presented in WCC Symposium, Attended Dinner social with Industry and Students, Attended WCC Luncheon,_____

Multidisciplinary, Thematic, and Cooperatively Sponsored Programming

Enter information below for Division activities that fostered multidisciplinary, thematic, and cooperatively sponsored programming at any meetings held in 2008.

- 18a.** Briefly describe programming with other divisions, committee, or other entities that were multidisciplinary is topic coverage.

The purpose of the Career Advancement and Enhancements for Technicians and Technologists was to provide programs about the numerous career opportunities that exist for technicians/technologists in chemistry and related areas and to identify needs of technicians/technologists in a variety of chemical industries. At the Spring National Meeting in New Orleans, TECH conducted two panel discussions under the heading "What A Great Team. " The first was "Applied Chemical Technology Professionals and Chemists" and the second was "From Analyst to Chemist." Panelists discussed the skills sets needed in particular areas of work and the interactions technicians/technologists have with chemists, engineers, and managers. Another opportunity for Technicians to share their skill sets was for at the symposium "Careers of Technicians", Catherine Hunt was the keynote speaker. Presenters were technicians representing a wide variety of career fields, including engineering, production, analytical labs, pilot plants, and others. TECH also carried out a 1/2 day symposium titled "Career Enhancement and Advancement." The symposium focused on "How to Find Jobs and How to Find Hidden Jobs for Technicians," "What Does ACS have to Offer the Applied Chemical Technology Professional, "and "Where are the Jobs Focused for the Applied Chemical Technology Professionals of the Future." In addition, Dan Eustace of Career Services performed two mock interview sessions. This program was recorded and will be used on TECH and Career Services websites.

This project targeted potential new members of TECH from a wide variety of fields. Seven people applied for travel funds, however only three were able to actually attend the national meeting due to work restraints. These three individuals participated in panel discussions and presented posters.

A luncheon meeting was organized to allow meeting attendees to interact with panelists and TECH members. Eight people joined TECH as a result. We hoped to have a new group of members become involved in TECH activities and build a larger network.

18b. Briefly describe any programming with other divisions, committee, or other entities that supported the national meeting thematic programs.

New Orleans Meeting

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Fall National ACS Meeting held in Philadelphia PA

At the Fall National Meeting in Philadelphia TECH held a half-day symposium that focused on how industries and educational institutions (middle schools, high schools, and colleges) can create linkages. Co-sponsored with WCC, The symposium also addressed mentoring programs. The seven speakers presented a wide variety of topics of concern and of interest to women in chemical technology professions. Twenty+ participants for this session.

Mary Moore introduced the audience to the National Girls Collaborative Project, which is funded by the National Science Foundation. The NGCP seeks to maximize and strengthen resources, organizations and programs which support STEM education and careers for young women. She spoke about the NGCP program directory and the mini grants that the local collaboratives will administer. Ms. Moore is a member of the leadership team for the GRITS (Girls Raised In Tennessee Science) Collaborative.

Sharon Vercellotti also talked about the NGCP mini grant program. She pointed out the value of collaboration and of sharing resources. The Chlorine Chapter of Iota sigma Pi of Louisiana partnered with the Girl Scouts on a one day science badge workshop. The Brownie and Junior girl scouts attended with professional

and student Iota Sigma Pi members serving as mentors. This was a perfect example of collaboration and the leveraging of resources to support girls in STEM.

Judith Iriarte-Gross talked about the importance of mentoring undergraduate and graduate women in chemistry. She credited Donna Dean, past president of AWIS for the phrase, "Move Up, Reach Down," and how these four words struck a chord about mentoring and being mentored. Judith discussed programs such as GRITS and WISE, on her campus, which provide young women with the skills that are not taught in the classroom yet, are necessary for success in a chemical technology profession.

Cacy DeSheles, Jabe Kiri, Katie McKnight and Alexis Schaible are members of the Middle Tennessee State University WISE student organization. They discussed how they have established a close and fruitful mentoring relationship with women scientists and engineers at Eastman Chemical Company in Kingsport TN. WISE members were inspired by this relationship to "Move Up Reach Down" to middle school girls in the community. This talk focused on the activities and experiences of WISE with their protégés.

Renee' Brown of Bayer Material Science talked about "shift work" and its prevalence in the chemical industry. She pointed out the job performance, safety, health and family life can suffer as a result of shift work. In this talk, she focused on how companies can take specific measures to improve the shift work lifestyle of its employees.

Debbie Bailey of Dow Corning Corporation explained how microcopy is a valuable tool for the characterization of materials. She defined microscopy for the uninitiated and gave some examples of practical applications. Microscopy is an indispensable tool which helps researchers understand properties of materials. The take home message of this talk was to know what you are looking for so that you can choose the right tool and analytical technique.

John Engelman closed the symposium with a presentation on "ACS Resources For Your Career." He talked about the many valuable resources that ACS offers to its members at all stages along their career path. He discussed resume preparation and review, job search help and how to become an ACS volunteer.

18c. Briefly describe any cooperatively-sponsored symposia with other divisions, committee, or other entities.

SERMACS, Southeastern Regional ACS meeting held in Nashville TN November 12-15th, 2008 Sponsored by the Division of Chemical Technicians (TECH) and Northeast Tennessee Section of the ACS (NETS-ACS) Why I Chose An Applied Chemistry Profession

As one of the critical members of the chemical industry team, technicians bring valuable skills to the development of new products, new material, and process methods. The common thread through the whole technician community is the ability to reduce ideas and theory to practice. Technicians are the link between the theory and ideas and the practical production of finished goods. They are a professional team member of a chemical company who contribute significantly to an idea or theory becoming a reality. The 2009 ACS President, Tom Lane is the Keynote Speaker.

Event was organized and TECH and the NETS-ACS members presented. Other activities included presenting at WCC Women across Tennessee Symposium. Two members volunteered to Judge the Undergraduate posters.

Several attendees were amazed of all the different career opportunities under the Applied Chemistry Profession.

Divisional Planning

19. Does the Division have a Vision and/or Mission Statement?

- Yes
- No

20. When was the last Division long range planning session?

Date: 08-17-08 at the national meeting, The summit planning committee

Membership

21. Looking at your Division [membership history](#) over the last few years, list specific Division actions that have favorably or unfavorably impacted your Division demographics and growth.

Membership Analysis

2008

As of the December 2008 roster, including all membership categories (regular, associate, national and division affiliate), total TECH membership was 463. TECH started the year with 493 members (January 08 roster). On average, TECH gained 9 new members each month and lost 12, with the biggest loss (59) happening between the November and December rosters. For the year, TECH gained 114 members and lost 144. See charts A and B below.

On a prior year month comparison, December 08's total membership showed a loss of 10% compared to the December 07 total membership of 515.

July 2006 - December 2008

Over the past 30 months, on average TECH gained 11 new members each month and lost 13. Data shows a significant drop in membership in the December and January rosters, as many unpaid members are deleted from the rolls at the end of each calendar year (membership use to be based on a calendar year, so many initial members have January anniversary dates). These declines are then followed by a small increase in membership in the early months of each year.

1992 - 2008

TECH has been losing more members each year than it is gaining since 2000 (see charts C, D, and E). The most significant losses come in the Division Affiliate membership category. On average, TECH is losing 34% of new members after their first year of membership and loses 61% of new members by their 3rd year (see chart F).

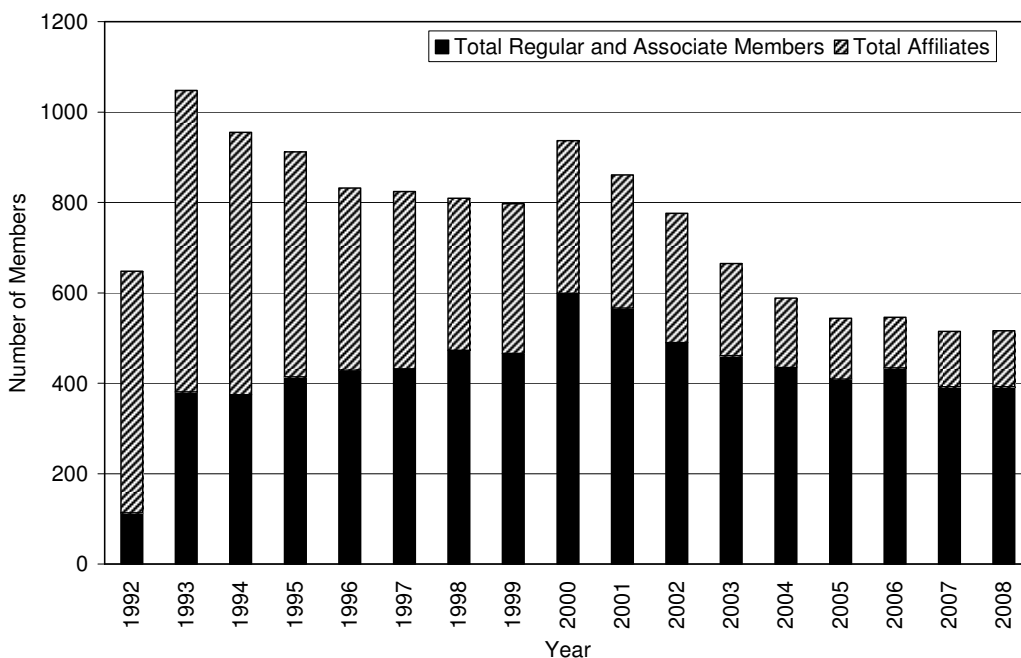
New Members

All new members have received a welcome message, either electronically, or hard copy if they have no e-mail address. All new members without e-mail addresses have been sent a letter asking them to update their profile with the

ACS with an e-mail address so that TECH can communicate with them. In addition, a "Welcome to TECH" message, along with a list of new members, is published in each issue of the Division newsletter.

Advertising

With the help of the ACS's Education Office, in the fall of 2008 an invitation to students to join TECH was sent to all of the chemical technology programs the ACS has contact information for. In addition, "free" one-year membership applications were sent to all of the NCTA nominees.



Awards

22. Did your Division use funds from an Innovative Projects Fund Grant during 2008?

- Yes
 No

If Yes, then please complete the following Innovative Projects Fund Grant report

23a. Innovative Projects Fund Grant Information:

Project Title: Chemical Technology Advancement and Enhancement

Division Project Funds Contact (Name and Email): Mary Moore,
mkmoore@eastman.com

Amount of funding received from the Division Activities Committee (DAC): \$7500

Amount of other funding received to support this project: \$500

23b. Please provide a brief description of the activity funded by your Innovative Projects Grant, and its results:

This taskforce will conduct a review of the roles of TECH and CTA and how ACS reaches out to applied chemical technology professionals. The taskforce will develop an action plan to ensure that TECH and CTA accomplish their mission of meeting the needs of applied chemical technology professionals within the Society. Representatives from CTA

and TECH will work together in partnership to identify benefits for technicians who join ACS and the impediments that prevent them from becoming members. The taskforce will identify key focus areas for the Society to address the needs of chemistry-based technicians now and in the future.

23c. Briefly describe the impact of the Innovative Project Funds on the Division (if applicable):

The Applied Chemical Technology Professionals Summit was held Dec 12 – 14, 2008 in Washington, D.C. The participants engaged in a discussion of topics ranging from a description of an Applied Chemical Technology Professional to the Environment of Applied Chemistry in 2015 to the characteristics of the Applied Chemistry Practitioner in 2015.

Key issues/concerns/needs that were identified included:

- Job security
- Keeping skills current—both technical and soft skills
- Work/life balance
- Balance of working independently and in teams
- Oral and written communication skills

Potential core solutions to these challenges included:

- Continuing education that is accessible and affordable and includes technical education in areas such as engineering, biology and biotech, nanotechnology, and informatics.
- Mentoring that emphasizes career and leadership development as well as work/life balance.
- Networking opportunities to foster job-specific and global opportunities. Some of the most significant barriers that discourage use of current ACS programs, products, and services were identified as communication, perceived value of existing benefits, lack of marketing, and cost.

To begin to address the issues, solutions, and barriers the following actions were proposed for ACS to initiate in 2009:

- Engage in relationship building with industry through Corporation Associates and the Division of Industrial and Engineering Chemistry.
- Participate in Regional Programming.
- Incorporate networking opportunities, mentoring, and continuing education into the initiatives with CA and the regions.
- Catalogue tech-relevant ACS professional development offerings and communicate to appropriate audience.
- Recommend a single entity at the national Society level to focus all efforts directed to the technician community. To initiate this action, a study will take place to consider the implications and consequences of dissolving the Division of Chemical Technicians with the goal of having the Committee on Chemical Technicians become that primary entity.

The organizing committee will follow up with these recommendations and action items to create a plan for implementation that will be discussed during TECH, CTA, and other meetings in Salt Lake City in March.

24. List Division Awards in 2008

	Name of Award	# of Nominees	How were the Candidates Identified?
Award #1	NCTA Award	15	Nomination Packages
Award #2	Best Overall TAG	5	Reports
Award #3	Innovation Award TAG	5	Reports
Award #4	Best Local Section Interaction TAG	5	Reports
Award #5			
Award #6			
Award #7			

25. How does the Division recognize its volunteers (*Check all that apply*)?

- Certificates
- Gifts
- Awards
- Letter to Volunteer's employer
- Recognition at an Event
- Other. Specify: _____

Outreach and Additional Division Activities

As background on this section, please see [*Best Practices to Share with Other Divisions*](#).

26a. Describe any partnerships and activities the Division has with non-ACS US-based entities (e.g., sponsorships, publications, etc.)

IAC Representative – Atila Pavlath spoke about the international activity committee at the Fall 08 Executive meeting of TECH in Philadelphia. He emphasized the following points:

- How can we extend the divisions activities worldwide with entities of similar goals
- Asia, Europe, south America and Africa are becoming globally important.
- The First step is to establish contact with one of the 56 other scientific societies outside of the US. A possible connection could be made with the European chemical and molecular science society EUChemS <http://www.euchems.org/>

26b. Describe any partnerships and activities the Division has with non-ACS global (i.e., non US-based) entities (e.g., sponsorships, publications, etc.)

N/A

27. In which of the outreach activities (not associated with Programming) does the Division participate (*Check all that apply.*)

Educational Outreach

Public Outreach

Outreach to Government Officials

National Chemistry Week

Other. Specify: _____

28. Describe Division activities that promote chemistry to the general public. Most activities are done with local TAGs.

MMTG: Members along with Delta College personnel scripted and produced a Chemical Technician Education recruitment video and three MMTG members were featured in the video that was funded by grant money received from the “Equipping the 2015 Chemical Technology Workforce” mini-grant from the ACS. In addition, MMTG members were instrumental in obtaining access to Dow Corning labs by the photographers, which enabled video taping technicians at work. The video was created for the Chemical Technology program at Delta College and available for use by other community colleges with 2 year Chemical Technology programs. Members was able to perform science demonstrations at Trinity Lutheran School in Auburn, MI and at Weber Middle School in Saginaw, MI. Two of our board members worked together to bring science demonstrations into MaClear-Sawdin School for the first time. Members served as the Community Co-Chair of the Delta College Chemical Technology Advisory Committee, one served as the Delta College Faculty Chair and seven other members served on the committee representing local industry and Delta College Faculty. Members spoke to the Delta College Chem Tech/Chem Operator class about their careers as Chemical Technologists in local industry and about Ethics in the Workplace. Those speaking about their careers also included the benefits of being a member of professional organizations such as the ACS, TECH and TAGs. Members spoke to students attending the Delta College Career Pathways. The event allows hundreds of students from area high schools to connect with people working in hundreds of careers. MMTG presented the *Outstanding Technical Student Award* to Gerald Rupprecht, a student from Delta College that was graduating from the Chemical Process Technology program. Gerald far exceeded meeting all of the criteria set forth by MMTG for the award and was actually offered a full-time position in his field of study a full semester prior to his graduation. A member assisted in the Science & Mathematics Extravaganza for Kids (SMEK) through Saginaw Valley State University. Another member served as a math tutor at Central Middle School in Midland after hearing about the opportunity through MMTG. And yet another member is also an active participant in the Saginaw Valley State University Chemistry Club. For the past several years, the MMTG members have donated money from their personal accounts to participate in the Salvation Army’s Adopt-A-Family. MMTG was able to connect the Local Section with the local Girl Scouts. The Local Section worked with one of the board members to begin the process for the local Girl Scouts to create and begin earning their Chemistry badge. The Midland, MI Local Section and the Mid-Michigan TAG interact on several activities throughout the year. These activities include Sci-Fest (an annual event to celebrate National Chemistry Week), Professional Day at the Midland County Fair, Science Café and many others.

WPTAG hosted a “Resume Writing” workshop on May 20, 2008. A presentation on resume preparation was made by Bayer Human Resources’ representative Duane Kelly. On June 25, WPTAG hosted a workshop titled "MicroSoft - Excel Tips: Graphing and Charts,” presented by

Dr. Steve Aprahamian, Senior Scientist, Bayer MaterialScience LLC. Dr. Aprahamian is an expert with MicroSoft's Excel program and shared tips on effective graphing and chart making. On December 9, WPTAG hosted a workshop titled "MicroSoft - Excel Tips: Conditional and Date/Time Formatting," presented by Dr. Steve Aprahamian. WPTAG presented "Student of the Year" awards to the Bidwell Training Center's Chemical Laboratory Technician program. The student of the year award is given twice a year, once to each of two graduating classes. The award reflects not only academic excellence and on the job performance during externships, but high social respect with the student's peers and Bidwell staff. The April award went to Kevin C. Moon, while the October award went to Joseph Preston. WPTAG members participated in the National Engineers Week event at the Carnegie Science Center on February 6. Several WPTAG members volunteered to staff the Bidwell Training Center's table, performing hands-on experiments/activities for event attendees. The goal of the annual event is to "communicate to our youth that math, science and engineering can be enjoyable and challenging." This is a large event in the community. More than 630 volunteers, representing 60 different organizations, shared their experience and enthusiasm with approximately 5,000 visitors. For the tenth consecutive year, on behalf of the Pittsburgh Local Section ACS, WPTAG members organized and participated in the National Chemistry Week event at the Carnegie Science Center on Friday and Saturday, 24 – 25. A total of 283 volunteers, from 30 groups and organizations, conducted hands-on experiments, activities, and demonstrations that focused on the chemistry and science of sports. In addition to organizing the event, WPTAG sponsored its own table and provided volunteers for Bidwell's table, conducting a chromatography experiment for both groups. Total attendance for the two-day event was 4441.

NETTAG: NET TAG members visited Middle Tennessee State University to attend the GRITS (Girls Raised in Tennessee Science) Collaborative Leadership meeting. During the visit, members had the opportunity to meet with members of the WISE (Women in Science and Engineering) program at MTSU. NETS-ACS, donated National Chemistry Week shirts and bags to the WISE ladies. On April 17, A program was started by Mary Moore (NETTAG) and Jon Bird (VWR) to donate supplies to area schools. The first school was from Carter County. Due to the deficit in spending the school receives and caring attitude of the teacher this program was a success. The laboratory supplies were eagerly received by members of the class. NETTAG member Lisa Hale and representatives from King College visited NET TAG members to discuss their new Bachelor of Chemistry program. This 16 month degree program is geared towards working adults who already have an Associate's Degree. Lisa and fellow classmate, Cindy, presented the information as part of an assignment for their Professional Communication course. Mary Young, Admissions Representative, spoke briefly about some of the prerequisites for the program, as well as the admissions process. Dr. John Gilmer, former Eastman Research Associate who is now a Professor at King, talked about some of the chemistry courses required for the degree. On October 21st and 22nd several NETTAG members were "Having a Ball with Chemistry" with National Chemistry Week 4th graders day. NETTAG members were involved throughout the program, designing T-shirts, escorting students, presenting chemistry demos, and more. Over 1400 students shared in this year's two day event. Bruce Burstein (2008 President of the American Chemical Society) attended. Dr Burstein was presented a plaque from NETTAG. Mary Moore presented a workshop at the Expanding Your Horizon (EYH) program in October, at Middle Tennessee State University. Over 350 middle and high school ladies attended to learn of the assorted careers available under the STEM (Science Technology Engineering and Math) professions. TECH, NETTAG and our Local Section (NETSACS) hosted a symposium in Nashville Tennessee at the Southeastern Regional Meeting of the American Chemical Society on November 12-15th. The symposium "Why I chose to be a Applied Chemistry Professional" was very well attended. Tom Lane the 2009 ACS President was the keynote speaker. Numerous networks were built between area colleges and NETSAC members. December 4th NETTAG held their annual Christmas/award lunch so we can recognize our volunteers. Spring 2008, Organic Refresher course was completed by 17 participants; this was a self-teach course of basic organic chemistry. The Spring Mixer was held in March. Lots of fun and food were enjoyed by all who attended. Lunch and Learn, **March** Barnstead Water Treatment Systems, along with VWR, **December** Sartorius, "The Fundamentals of Weighing– Factors that Affect the Accuracy of Weighing"

29. What activities, during this year, were targeted to groups under-represented in the profession or in the ACS (for example, younger chemists, minorities, women, chemical technicians, or undergraduates)? Please highlight new activities.

	Group Targeted	Describe the Activity	How did the Division measure the Effectiveness of the Activity?
Activity #1	chemical technicians	The Science of Beer	Increased attendance at local meeting
Activity #2	chemical technicians	Lunch and Learn in which a task, a technique is learned	
Activity #3	chemical technicians	HR consultant to help technicians who might be changing job or career	
Activity #4	chemical technicians	technical workshops on programs such as Excel	
Activity #5	younger women_who are considering chemistry careers	industrial tour and talk	
Activity #6	younger women_who are considering chemistry careers	mentoring	
Activity #7	Underprivileged schools needs to encourage students to the STEM careers	Mentoring, and equipment needs	
Activity #8			
Activity #9			

30. List the Division activities/programs that support the [ACS Strategic Plan](#).

GOALS

1. ACS will be the indispensable professional and information resource for members and other chemistry-related practitioners.

Tech publishes a newsletter, ConnecTECH, three times per year with articles and information that relates to chemical technicians. TECH has just finished developing a new website <http://acs-tech.org> that contains links and content for chemical technicians. Tech provides programming at the national, regional and local meetings that relate directly to chemical technicians.

2. ACS will be a preeminent global scientific community that engages members and other scientific professionals to advance science education, research, knowledge, interaction, and collaboration.

Tech advocates high standards of education, technical practice and ethical conduct for members of the profession by providing workshops, programming and local talks by professionals to both chemical technicians and students interested in the chemical fields.

3. ACS will be a global leader in enlisting the world's scientific professionals to address, through chemistry, the challenges facing our world.

TECH increases the awareness of the important contributions that chemistry-based technicians make to the national economy and to society as a whole

4. ACS will be a leader in communicating to the general public the nature and value of chemistry and related sciences.

TECH maintains a webpage specifically for technicians to promote the technical, professional, and leadership development of chemistry-based technicians See Item 28 for a list of all activities

Miscellaneous

31. Describe benefits the Division provides to its members (Check all that apply.)

- Electronic balloting
- Web access to programming
- Career Counseling
- Wiki, blog, etc.
- Social events at meetings
- Other. Specify: _____

32. What impediments does the Division experience in achieving its Mission?

The greatest challenge facing the TECH division is the lack of volunteers. The need for chemical technicians is declining in some areas due to plant closure or automation, while the definition of the chemical profession has changed to include diverse descriptions seemingly unrelated to chemistry. The number of chemical technicians with the time and support to volunteer has greatly decreased. Chemical technicians often cannot afford to attend national meetings on a regular basis, and therefore, they often are not able to volunteer for division leadership or activities.

33. What can ACS/DAC do to support the Division's Mission?

We, as a division of the ACS, are concerned about both the billing of expenses to the division from the ACS and the payment of expenses from the ACS.

Billing from the ACS for expenses is not done in a timely manner. As a division we have gotten billed by the ACS for expenses that happened in a previous fiscal year and in at least one case the billed expenses were more than 2 years old. Late billing has put our treasurer in an uncomfortable position because they have been new and did not know the details of the billing. This should be an unacceptable practice. There is no reason for billed expenses to be more than 30 to 60 days old. We remit our check back to ACS in an appropriate time frame.

As for expenses billed to the ACS, the problem lies in payment of expenses billed to personal credit cards. The ACS system can take as long as 60 days to pay the individual using a personal card while the credit card companies' bill on a 30 day cycle. This payment cycle difference means individuals pay in full tying up their funds or they incur interest payment on the unpaid balance.

34. What can DAC do to improve the Annual Review Process?

Making this electronic this year is better. However, Opening up that more than one person can get into the electronic file would help. This way the secretary can designate who would work on what section. Also, is there a way that we can just click on a box, to consider an event for a Chemluminary award? This would also get more participation in the awards.