



THE DAYTON SECTION

Fostering scientific education and research, and promoting public understanding of science since 1930

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BULLETIN

Amended Bylaws Edition 2012

Meetings and Events

June 14: Patterson High School Chemistry Awards

June 27: Special Meeting to Vote on Newly Amended Bylaws

Section News and Other Stuff

- Current Bylaws — pages 4-6
- Amended Bylaws — pages 7-9
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- Employment Opportunity! — page 12

DATE MATERIAL - MEETING ANNOUNCEMENT - DO NOT DELAY

ADDRESS SERVICE REQUESTED

American Chemical Society
Dayton Section
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Dayton, OH 45431

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UPCOMING MEETING

JUNE 14:

PATTERSON HIGH SCHOOL CHEMISTRY AWARDS

Venue: Centerville High School, 500 E Franklin St., West Commons

(see <http://www.centerville.k12.oh.us/> for maps and additional information)

Social: 5:30 PM (Pizza and soft drinks will be served.)

Awards: 6:15 PM

Keynote: *Life Lessons in Chemistry, Lasers, Propulsion, and Education*, by Dr. James Gord,
Air Force Research Laboratory

History of the Award and Recent Changes

Originally established by Charles A. Thomas and Carroll A. Hochwalt, former Dayton chemists and Monsanto researchers, the top chemistry students in the area have been recognized under the auspices of the Dayton Section since 1943. In 1990, the family of the late Austin M. Patterson, also a prominent Dayton chemist, assumed sponsorship. All area high school students are invited to take an examination and the highest scoring applicants are then invited to write essays, which form the basis of the final judging. (These finalists, although only two from one school, are also invited to take the Chemistry Olympiad Exam.) In addition, teachers of the prizewinners receive awards, and the top scoring student from each high school is awarded a plaque. Grading is performed separately for those students who have taken only one year of chemistry. Students from this group who were the highest scorers in their High School will also receive a plaque. This year, we increased the dollar amounts for 2nd and 3rd place, so that the top three essayists are awarded prizes of \$1000, \$750, and \$500, respectively. In addition, the essayists not placing 1st, 2nd, or 3rd will be awarded \$100.

The 2012 Patterson Scholars (with essayists denoted with asterisks) are:

Eric Hlinomaz	Alter High School
Michael Wang*	Beavercreek High School
Anmol Nigam*	Beavercreek High School
Michael Zoller	Bellbrook High School
Joseph Lin*	Centerville High School
Arjun Balwally*	Centerville High School
Akshay Balwally*	Centerville High School
Benjamin Africk*	Centerville High School
Greg Knapp*	Centerville High School
Manish Paranjpe*	Miami Valley School
Arianna Yanes*	Miami Valley School
Jonathan Yagisawa*	Northmont High School
Heather Brooks	Oakwood High School
Zach Allen	Tippecanoe High School

The 2012 Chemistry-I Patterson Scholars are:

Jacob Erickson	Beavercreek High School
Diana Harbach	Centerville High School
Donielle Stevenson	Chaminade Julianne High School
Ian Morgan	Kettering Fairmont High School
Ishan Paranjpe	Miami Valley School
Mercette Ohlwiler	Oakwood High School
Taylor Caldwell	West Carrollton High School

UPCOMING MEETING

JUNE 27:

SPECIAL MEETING TO VOTE ON AMENDED BYLAWS

Venue: South Park Tavern, 1301 Wayne Avenue, Dayton, OH

Parking: Free, in the lot or on the street

Agenda: Ballots will be accepted from 5:00 PM – 6:00 PM

The main purpose of the proposed amendments to the Section's Bylaws are to make them consistent with changes to the ACS Constitution and Bylaws. Specifically, the amended Bylaws will allow for electronic balloting and for Student Members — persons who are actively working toward an undergraduate degree in a chemical science. Although the ACS Constitution and Bylaws allow for Student Members to hold elective office in Local Sections if permitted by the Local Section, the Board of Directors chose not to allow it because all offices have terms of 2 or 3 years. Student Members are, however, permitted to serve as Committee Chairs.

In addition to these changes, the ACS Committee on Constitution and Bylaws required or suggested numerous other changes, so that the only Bylaws that went unscathed were XIII and XV. Therefore, the current Bylaws and the amended Bylaws are reproduced on pages 4-9.

Thanks go to the Sections Bylaws Committee — Jim Carey, Rachel Jakubiak, and Steve Trohalaki. If approved, the amended Bylaws will allow the Section to save money with electronic elections and to have greater involvement by the Section's Student Members. The Section's Board of Directors urges all members to look over the proposed Bylaws and to vote for their approval, which requires two-thirds of those members present at this Section Meeting. Contact Steve Trohalaki at steven.trohalaki@wpafb.af.mil if you have any questions about the amended Bylaws.

So, stop by the South Park Tavern for a beer, look for the Section Banner, and vote using the ballot provided below. Please let us know if you'll be attending so we can save you a seat.



Official Dayton Section ACS Ballot for Amending the Section's Bylaws

As a member of the Dayton Section, I vote to

Approve

Disapprove

the Amended Bylaws as they appear in the 2012
"Amended Bylaws Edition" of the Dayton Section Bulletin.

CURRENT BYLAWS OF THE DAYTON SECTION OF THE AMERICAN CHEMICAL SOCIETY

BYLAW I—Name and Form of Organization

Section 1. The name of this organization shall be the Dayton Section of the AMERICAN CHEMICAL SOCIETY, hereinafter referred to as the "Section".

Section 2. This organization is a nonprofit membership association incorporated under the laws of the state of Ohio.

Section 3. a. All provisions of these bylaws and amendments shall be consistent with the Constitution and Bylaws of the AMERICAN CHEMICAL SOCIETY, hereinafter referred to as the "SOCIETY".

b. The most recent edition of Robert's Rules of Order, Newly Revised (hereinafter referred to as "Robert's Rules") shall be followed for matters not provided for in the Bylaws or Constitution of the SOCIETY or the bylaws of the Section.

Section 4. The Section shall comprise the territory allotted to it by the Council of the SOCIETY. The headquarters of the Section shall be in Dayton, Ohio.

BYLAW II—Objects

Section 1. The objects of the Section shall be those of the SOCIETY as stated in the Constitution of the SOCIETY.

Section 2. The Section shall endeavor to enhance professional competence and recognition of all its members.

Section 3. The Section shall use its special skills and knowledge for the common welfare.

Section 4. The Section shall strive to make the science of chemistry an influential means for the advancement of intellectual and material progress.

Section 5. The Section shall promote recognition and acceptance of the SOCIETY's professional employment guidelines.

BYLAW III—Members and Affiliates

Section 1. The rolls of the Section shall include those MEMBERS, ASSOCIATE MEMBERS, and National Affiliates of the SOCIETY residing within the territory of the Section, provided that exceptions to this rule shall be made in conformity with the Constitution and Bylaws of the SOCIETY.

Section 2. The Section may have Local Section Affiliates as authorized in the Constitution and Bylaws of the SOCIETY.

Section 3. MEMBERS, ASSOCIATE MEMBERS, National Affiliates, and Local Section Affiliates shall have such rights and privileges as are accorded them by the Constitution and Bylaws of the SOCIETY. ASSOCIATE MEMBERS may not hold elective positions or serve as Temporary Substitute Councilors. National Affiliates and Local Section Affiliates may not vote for or hold an elective position of the Section, vote on articles of incorporation and bylaws of the Section, or serve as members of the Executive Committee.

BYLAW IV—Organization

Section 1. a. The officers of the Section shall be (1) Chair, (2) Chair-Elect, (3) Secretary, (4) Treasurer, and (5) Immediate Past Chair.

b. The Chair-Elect shall assume the duties of the Chair when the Chair is unable to serve.

Section 2. Qualifications and number of Councilors and Alternate Councilors shall be as specified by the Constitution and Bylaws of the SOCIETY.

Section 3. a. The Board of Directors of the Section (hereinafter referred to as the "Board") shall be composed of the officers, Councilors, and Alternate Councilors.

b. No individuals shall hold more than one position qualifying them to membership on the Board, except as provided elsewhere in these bylaws.

c. A majority of persons serving on the Board at any given time shall constitute a quorum.

d. The Board, as the legal representative of the Section, shall hold and administer all properties and funds of the Section.

Section 4. The officers, Councilor(s), and Alternate Councilor(s) shall serve as the Executive Committee. Three members shall constitute a quorum.

Section 5. There shall be the following standing committees: Archives, Awards, Bulletin, Careers, Education, Industrial Relations, Investment, Long-Range Planning, Membership, Professional Practices, Program, Public Relations, Women Chemists, Younger Chemists, and Webmaster.

Section 6. The Board shall appoint a Chair and two additional members to serve as an advisory committee on the proper investment of the monies of the Patterson Fund. These terms may be of indefinite length. Purchases and sales of investments in the Patterson Fund shall be authorized to the Treasurer by the Board acting upon the advice of the Patterson Fund Committee.

Section 7. Additional committees which the Board deems necessary for the proper operation of the Section shall be appointed by the Chair.

Section 8. The Immediate Past Chair shall serve as Chair of the Program Committee. The other members of this Committee will be the Chair and Chair-Elect.

Section 9. a. The Section may affiliate with an organization composed of scientific, engineering, and/or technical societies operating within the territory of the Section, provided that the objects and activities of the organization are not in conflict with the Charter, Constitution, or Bylaws of the SOCIETY. Affiliation shall require approval by the membership of the Section according to a procedure identical to that outlined for amendments elsewhere in these bylaws.

b. The Section shall be affiliated with the Affiliate Societies Council of the Engineering and Science Institute of Dayton so long as that affiliation shall be consistent with the provisions of this section of this bylaw.

c. The Section may, by vote of the membership and according to the procedures outlined for amendments elsewhere in these bylaws, dissolve any affiliation.

BYLAW V—Terms of Office

Section 1. a. The Chair-Elect shall serve in sequence one year as Chair-Elect, one year as Chair, and one year as Immediate Past Chair, with each term of office beginning on January 1.

b. The Secretary and Treasurer shall serve two-year terms of office beginning on January 1 following their elections. The election of these two offices will be held in alternate years from each other; the Secretary in odd-numbered years and the Treasurer in even-numbered years.

c. The Councilors and Alternate Councilors shall serve terms of office of three years, beginning on January 1 following their elections.

d. All those elected shall serve for the period specified or until their successors have been elected and qualify.

e. MEMBERS serving in any elective position may be elected to any office, provided their present term of office will have expired before their assumption of the new office, or provided they resign from office on consenting to become candidates for the new office.

Section 2. In the event of a vacancy in the office of Chair, the Chair-Elect shall assume the added duties of Chair for the unexpired term, but that individual shall have only one vote on the Board and on the Executive Committee.

Section 3. a. Should the office of the Immediate Past Chair become vacant, no replacement shall be appointed; thus, the composition of the Board and the Executive Committee shall be reduced by one.

b. If any other office be vacated, the Board shall fill the office by appointment. Such appointee shall serve through December 31.

c. In the event the office of Chair-Elect is filled by interim appointment, the Section shall elect both a Chair and a Chair-Elect at its next annual election.

Current Bylaws, continued:

BYLAW VI—Manner of Election

Section 1. a. At or prior to the May meeting of the Section or May 15, whichever is earlier, the Executive Committee shall appoint and announce a Nominating Committee consisting of three members who are not officers, Councilors, or Alternate Councilors of the Section.

b. The Chair shall appoint a Tellers Committee of three members who are not officers or Councilors, members of the Nominating Committee, nor candidates, and shall announce the composition of the Committee in the mailing with the election materials.

Section 2. a. The Nominating Committee shall nominate at least one MEMBER of the Section for each of the offices to be filled.

b. Not later than August 15, the Nominating Committee shall report to the Chair and to the Secretary its list of candidates. This list shall be announced to the membership by bulletin or by a special mailing to be put into the mail not later than September 1. This announcement shall also state the number of signatures required for petition nomination of other candidates.

c. Members may make nominations by filing with the Secretary not later than October 1 written petitions bearing signatures of 5% or more of the members of the Section. Any MEMBER of the Section shall be eligible for office.

Section 3. a. The Chair-Elect, Secretary, Treasurer, Councilors, and Alternate Councilors shall be elected by secret ballot. The balloting materials shall be prepared by the Secretary. There shall be a plain sealable envelope to contain the ballot, an envelope pre-addressed to the Secretary, and balloting instructions. On a separate sheet from the ballot, the following information shall be provided concerning the candidates to be elected. A standard form may be used to secure this information from the candidates. It is the responsibility of the Chair of the Nominating Committee to inform the candidates of the need for biographical information. It is the further responsibility of the Secretary to provide the candidate with a form requesting the following information and to attempt to obtain this information from all candidates by October 12:

1. Name
2. Position, title, and place of employment
3. Educational information—Degree(s), institution(s), field of degree(s), date(s)
4. Professional society affiliation(s), office(s) held, date(s), services to ACS
5. Statement, not to exceed 100 words (optional)

b. No nominees shall be placed on the ballot unless they have affirmed their willingness to serve if elected.

c. The order of candidates for each position on the ballot shall be by lot.

d. The Secretary shall place the election materials in the mail to members before October 16. A separate first-class mailing shall be used.

Section 4. a. Balloting shall be conducted according to Robert's Rules, using the preferential voting procedure described therein.

b. Delivery of the sealed ballot to the Secretary shall be effected at or before the November meeting, which shall be at least three (3) weeks after the date of mailing of the ballots by the Secretary.

c. The Secretary shall retain the pre-addressed envelopes and inform the Tellers Committee of the number of valid and invalid envelopes.

Section 5. a. The first order of business at the election meeting shall be a last call for ballots, after which all ballots shall be turned over to the Tellers Committee and balloting declared closed.

b. Counting of votes shall be completed during the election meeting.

c. On delivery of the Tellers' report to the Chair at the election meeting, the Chair shall inform the assembly of any previously submitted questions concerning the election, shall ask for questions from the floor, and if there are none, shall announce the candidates for each office receiving the greatest number of votes. In the event of a tie vote for any elective office, the Executive Committee shall select from among the tied candidates. The Chair shall declare those candidates duly elected and shall instruct the Secretary to forward the results with appropriate certification to the SOCIETY.

d. The Secretary shall notify those elected and shall transmit the names of all newly elected officers, Councilors, and Alternate Councilors to the Executive Director of the SOCIETY as required by the SOCIETY.

e. The Secretary shall hold the counted ballots for two months unless directed by the Board to hold them longer.

f. The counted ballots may be examined by the Board or by any Section member in the presence of any two non-candidate members of the Board after approval of the Board. An inspection of the ballots shall be recorded by the Secretary.

Section 6. a. Any challenge of an election shall be communicated in writing to the Secretary, postmarked or hand-delivered not later than one week after announcement of the election results.

b. Disputes concerning elections shall be resolved by the Board, unless the complainant requests, or the membership directs, that a special meeting of the Section be held to resolve the problem.

c. Should new elections be scheduled to replace the disputed election, no candidate may be deleted from the ballot except for inability or unwillingness to serve.

BYLAW VII—Recall of Elected Officials

Section 1. The elected officials of the Section (officers or elected Executive Committee members) are subject to recall for neglect of duties or conduct injurious to the SOCIETY.

Section 2. The recall of an official shall be initiated when a signed petition, indicating in writing the specific charges and reasonable substantiating evidence, is submitted to the Chair from at least five (5) voting members of the Section. In the event the Chair is the official in question, the Chair-Elect shall receive the petition and shall assume the duties of the office of Chair with respect to this issue until the issue is resolved.

Section 3. The Chair shall without delay determine that the petitioners are aware of the gravity of their actions and the procedures to be followed. The Chair shall seek an alternate resolution to the problem and a withdrawal of the petition at this time. In the absence of a resolution to the problem, the Chair shall present the issue to the Executive Committee as a new business item at the next Executive Committee meeting.

a. The Executive Committee shall promptly continue the recall process or dismiss the petition as ill-founded or find an alternative solution to the problem. The Chair shall promptly inform the petitioners and the official of the decision of the Executive Committee.

b. If the proceedings continue, the Chair shall assign the duties of the official to another qualified member of the Section until the issue is resolved.

c. If the proceedings continue, the official shall be offered an opportunity to answer the allegations in the petition before the Executive Committee.

Every reasonable effort shall be made to contact the official throughout this procedure. That effort shall include a certified letter to the last known address on the official SOCIETY membership rolls. Upon notification, the official shall have thirty (30) days to make a written response to the allegations. The Executive Committee shall decide whether to proceed after studying the official's response. The Chair shall inform the official and the petitioners of the decision of the Executive Committee.

If no contact with the official can be made after a reasonable effort, the Executive Committee may remove the official in question with a two-thirds (2/3) vote of the remaining members of the Executive Committee.

d. If the proceedings continue, the official shall choose one of the following options:

1. The official may resign.
2. The official may request a recall vote in the same manner as the original election, which must be consistent with the Section bylaws. The voting membership shall be informed, through brief written statements prepared by the Executive Committee and the official, of the issues involved with the recall vote. Both statements shall be given to the voting membership before the vote is taken.
3. The official may request a hearing and a recall vote by the remaining members of the Executive Committee. A two-thirds (2/3) vote of the remaining members of the Executive Committee shall be required to recall the official.
4. The official may choose not to respond and thus forfeit the position.

Section 4. The vacancy provisions of these bylaws shall be used to fill a vacancy caused by a recall process. The membership of the Section and the Executive Director of the SOCIETY shall be informed of the results of the recall process and the replacement of the official.

Current Bylaws, continued:

BYLAW VIII—Duties of Officers, Executive Committee, and Board of Directors

Section 1. The duties of the officers shall be those customarily performed by such officers, together with those responsibilities prescribed by the Constitution and Bylaws of the SOCIETY and by these bylaws, and other duties that may be assigned by the Board.

Section 2. a. The Chair of the Section shall serve as Chair of the Executive Committee and of the Board and shall appoint committee chairs authorized in these bylaws or by the Board.

b. The Chair shall serve as an ex officio member of all committees except the Nominating and Tellers Committees.

Section 3. a. The Executive Committee shall administer all routine matters in connection with the operation of the Section. Bills for regular continuing activities which have been budgeted previously may be paid by the Treasurer without approval. Nonroutine expenditures shall require authorization of the majority of the Board. Such authorization may be achieved electronically.

b. The Executive Committee shall arrange the agenda for Board meetings and meetings of the membership and shall perform such other duties as may be delegated to it by the Board.

Section 4. The Board shall be the governing body of the Section with authority to conduct the affairs of the Section in accordance with the Constitution and Bylaws of the SOCIETY and these bylaws.

BYLAW IX—Meetings

Section 1. The Section shall hold not less than four regular meetings each year, at places designated by the Executive Committee. One of the regular Section meetings shall be in November. Notice of all meetings shall be sent to each member and affiliate of the Section.

Section 2. The Executive Committee may call special meetings of the Section, and it shall do so at the written request of 5% or more of the members of the Section. Notice of a special meeting must be mailed at least seven (7) days before the meeting, and it must state the exact nature of the business to be considered.

Section 3. A quorum for transaction of business at a Section meeting shall consist of 15 members of the Section. No business shall be transacted in the absence of a quorum.

Section 4. The Board shall meet at least four times annually, with at least one meeting per quarter, at the call of the Chair or at the request of a majority of the members of the Executive Committee.

Section 5. The Executive Committee shall meet as often as necessary to conduct its business. Business of the Executive Committee which is of an urgent nature may be conducted by telephone or electronically.

BYLAW X—Finances

Section 1. National Affiliates and all members of the Section, except members in emeritus status of the SOCIETY, may be requested to pay voluntarily annual Local Section dues, which may be set by the Board.

Section 2. The annual dues of Local Section Affiliates shall be set by the Board in accordance with the Constitution and Bylaws of the SOCIETY. At the discretion of the Board, Student Affiliates of the SOCIETY may be enrolled as Local Section Affiliates without the payment of additional dues.

Section 3. The Section may receive gifts only upon approval for each case by the Board. The use of gifts shall be as directed by the Board.

Section 4. The Treasurer shall report on the financial status of the Section to the Board at each Board meeting.

Section 5. In December of each year, the Chair shall appoint an Auditing Committee to examine the books and accounts of the Treasurer, which shall report to the Section at the first meeting of the new year. At the discretion of the Executive Committee, a professional auditor may be engaged.

BYLAW XI—Patterson-Crane Award

The Patterson-Crane Award shall be given in conjunction with the Columbus Section. The Award shall be given in odd-numbered years to an individual who has made outstanding contributions in the area of chemical documentation. A committee of three members of the Dayton Section (appointed by the Dayton Section Board of Directors), three members of the Columbus Section, and the Chair of the Division of Chemical Information (or a designated alternate) shall constitute the Selection Committee to choose the recipient. Details of the award procedure, including the portion of the expenses charged to the Dayton Section, are governed by the legal agreement drawn up and passed by the Boards of Directors of the Dayton and Columbus Sections. The Award and the administrative cost charged to the Dayton Section shall be provided from income derived from the Patterson Fund (formerly the Patterson Award Fund) or from the corpus of said fund, which was established from donations of the A. M. Patterson family and friends of the Dayton Section. The Board of Directors of the Section shall be charged with preserving and increasing the corpus of the Fund. At the discretion of the Board, income in excess of that needed to adequately fund the Patterson-Crane Award may be used in funding the Patterson College and High School Awards. The former will consist of grants-in-aid made to outstanding junior-year college chemistry majors at colleges in the Dayton Section area. The latter will consist of three cash awards to the top performers in the annual Patterson High School Awards competition and recognition plaques to the top performers from each participating school.

BYLAW XII—Communications Among the Members

Section 1. The Board shall have the authority to determine what material shall be published in the Bulletin or other publication sent to the membership in the name of the Section. Selection of material to be published may be delegated to the Publication Editor to the extent determined by the Board.

Section 2. A summary of the actions taken at general Section meetings and Board meetings shall be communicated to the membership.

Section 3. Use of the Section's mailing list by groups or individuals other than those of the Section shall be controlled by the Board. Such use shall normally be accomplished by authorizing the mailing agent of the Section to process the mailing pieces. Any commercial use of the Section's mailing list is expressly prohibited.

Section 4. Members of the Section and groups of members, on application to the Board, shall be permitted to use the Section mailing list for purposes consistent with the objects of the Section. Such use shall be at their own expense.

BYLAW XIII—Change in Number of Councilors

Section 1. If the Section is authorized an increase in the number of Councilors, the additional Councilors and Alternate Councilors shall be elected by regular or special election.

Section 2. If the Section suffers a decrease in the number of Councilors, and notification thereof is received in the last year of a Councilor's term, no replacements shall be elected for Councilor or Alternate Councilor in the year.

BYLAW XIV—Amendments

Section 1. Proposed amendments to these bylaws shall first be submitted in writing to the Board. If approved by a majority of the Board, the Secretary shall furnish all members of the Section with copies of proposed amendments with the next notice of a meeting of the Section.

Section 2. Proposed amendments not approved by the Board within 60 days after submission may be brought to a vote of the membership by a petition signed by 5% or more of the members of the Section.

Section 3. At the second meeting of the Section after notice of proposed amendments is given, the amendments will be adopted if they receive affirmative votes of two-thirds (2/3) of the members present.

Section 4. Amendments to these bylaws, after adoption by the Section, shall become effective upon approval by the Committee on Constitution and Bylaws, acting for the Council of the SOCIETY, unless a later date is specified in the amendment.

BYLAW XV—Dissolution

Upon the dissolution of the Local Section, any assets of the Section remaining thereafter shall be conveyed to such organization then existent, within or without the territory of the Local Section, as is dedicated to the perpetuation of objects similar to those of the AMERICAN CHEMICAL SOCIETY, or to the AMERICAN CHEMICAL SOCIETY, so long as whichever organization is selected by the governing body of the Local Section at the time of dissolution shall be exempt under Section 501(c)(3) of the Internal Revenue Code of 1954 as amended or under such successor provision of the Code as may be in effect at the time of the Section's dissolution.

AMENDED BYLAWS OF THE DAYTON SECTION OF THE AMERICAN CHEMICAL SOCIETY

BYLAW I—Name and Form of Organization

Section 1. The name of this organization shall be the Dayton Section (hereinafter referred to as the "Section") of the AMERICAN CHEMICAL SOCIETY (hereinafter referred to as the "SOCIETY").

Section 2. This organization is a nonprofit membership association incorporated under the laws of the state of Ohio.

Section 3. All provisions of these bylaws and amendments thereof shall be consistent with the Charter, Constitution and Bylaws of the SOCIETY

Section 4. The Section shall be comprised of the territory assigned to it by the SOCIETY.

BYLAW II—Objects

Section 1. The objects of the Section shall be those of the SOCIETY as stated in the Constitution of the SOCIETY.

Section 2. The Section shall endeavor to enhance professional competence and recognition of all its members.

Section 3. The Section shall use its special skills and knowledge for the common welfare.

Section 4. The Section shall strive to make the science of chemistry an influential means for the advancement of intellectual and material progress.

Section 5. The Section shall promote recognition and acceptance of the SOCIETY's professional employment guidelines.

Section 6: The Section shall foster scientific education and research, and promote the public understanding of science.

BYLAW III—Members and Affiliates

Section 1. The rolls of the Section shall include those MEMBERS, STUDENT MEMBERS, Society Affiliates of the SOCIETY residing within the territory of the Section. Any exceptions to this rule shall be made in conformity with the Constitution and Bylaws of the SOCIETY.

Section 2. MEMBERS and STUDENT MEMBERS shall have such rights and privileges as are accorded them by the Constitution and Bylaws of the SOCIETY.

Section 3. The Section may have Local Section Affiliates as authorized in the Constitution and Bylaws of the SOCIETY.

Section 4. Society Affiliates and Local Section Affiliates may not vote for or hold an elective position of the Section, vote on Articles of Incorporation or bylaws of the Section. Local Section Affiliates may not serve on the Executive Committee. Society Affiliates may be appointed as committee chairs.

BYLAW IV

Organization, Officers, Board of Directors, Executive Committee, and Councilors

Section 1. a. The officers of the Section shall be MEMBERS of the SOCIETY and members of the Section, and shall consist of: (1) Chair, (2) Chair-Elect, (3) Secretary, (4) Treasurer, and (5) Immediate Past Chair. The offices of Secretary and Treasurer may be held by the same person.

b. The Chair-Elect shall assume the duties of the Chair when the Chair is unable to serve.

c. Officers' duties, in addition to those found in these Bylaws, shall be found in the Section's operations manual.

Section 2. The Section shall have Councilor(s) and Alternate Councilor(s) as provided in the Constitution and Bylaws of the SOCIETY. The Councilors and Alternate Councilors also bear the duty of reporting Council Activities to the Section.

Section 3. a. The Executive Committee shall be composed of the Section officers, Councilors, and Alternate Councilors. The Executive Committee shall constitute the Board of Directors of the Section, and shall be the governing body of the Section, with authority to conduct the affairs of the Section in accordance with the Constitution and Bylaws of the SOCIETY, the Section's Articles of Incorporation, and these bylaws.

b. In conducting Section business, each Executive Committee member shall have only one vote.

c. A majority of persons serving on the Executive Committee at any given time shall constitute a quorum.

d. The Executive Committee, as the legal representative of the Section, shall hold and administer all properties and funds of the Section.

Section 4. There shall be the following standing committees: Bulletin, Education, Industrial Relations, Investment, National Chemistry Week, Patterson-Crane Award, Patterson College Chemistry Awards, Patterson High School Chemistry Awards, Membership, Program, Public Relations, Women Chemists, Younger Chemists, and Webmaster. The composition and duties of each committee shall be specified in an Operations Manual approved by the Executive Committee.

Section 5. Additional ad hoc committees that the Executive Committee deems necessary for the proper operation of the Section may be created by the Chair.

Section 6: The Chairs of the standing and ad hoc committees shall be appointed by the Section Chair. Members of the standing and ad hoc committees shall be chosen by the Committee Chairs, with the approval of the Executive Committee.

Section 7. The Chair of the Section shall serve as Chair of the Program Committee. The other members of this Committee will be the Immediate Past Chair and the Chair-Elect.

BYLAW V—Terms of Office

Section 1. a. The Chair-Elect shall serve in the following sequence: one year as Chair-Elect, one year as Chair, and one year as Immediate Past Chair, with each term of office beginning on January 1.

b. The Secretary and Treasurer shall serve two-year terms of office beginning on January 1 following their elections. Unless both offices are held by the same person, the election of these two offices will be held in alternate years from each other; the Secretary in odd-numbered years and the Treasurer in even-numbered years.

c. The Councilors and Alternate Councilors shall each serve terms of office of three years, beginning on January 1 following their elections.

d. Those elected shall serve for the period specified or until their successors have been elected and qualify for office.

e. MEMBERS serving in any elective position may be elected to any office, provided their present term of office will have expired before their assumption of the new office, or provided they resign from office on consenting to become candidates for the new office.

Section 2. In the event of a vacancy in the office of Chair, the Chair-Elect shall assume the added duties of Chair for the unexpired term, but that individual shall have only one vote on the Executive Committee.

Section 3. a. Should the office of the Immediate Past Chair become vacant, no replacement shall be appointed; thus, the composition of the Executive Committee shall be reduced by one.

b. If any other office is vacated, the Executive Committee shall fill the office by appointment. Such appointee shall serve through December 31 of the respective year.

c. In the event the office of Chair-Elect is filled by interim appointment, the Section shall elect both a Chair and a Chair-Elect at its next annual election.

BYLAW VI—Manner of Election

Section 1: All balloting shall be done in accordance with the Constitution and Bylaws of the SOCIETY, meeting the following requirements: (1) fair balloting open to all eligible members; (2) voter anonymity; (3) protection against fraudulent ballots; (4) ballot archiving in a timely manner; and (5) reporting election results in a timely manner.

Section 2. a. At or prior to the May meeting of the Section or May 15, whichever is earlier, the Executive Committee shall appoint and announce a Nominating Committee consisting of three members who are not officers, Councilors, or Alternate Councilors of the Section.

b. The Chair shall appoint a Tellers Committee of three members who are not officers or Councilors, members of the Nominating Committee, nor candidates, and shall include the composition of the Committee with the election materials when they are distributed.

Section 3. a. The Nominating Committee shall nominate at least one MEMBER of the Section for each of the offices to be filled.

b. Not later than August 15, the Nominating Committee shall report to the Chair and to the Secretary its list of candidates. This list shall be distributed to the membership not later than September 1. This distribution shall also state the number of signatures required for petition nomination of other candidates.

c. Section members may make nominations by filing with the Secretary not later than September 15 written petitions bearing signatures of 5% or more of the members of the Section. Any MEMBER of the Section shall be eligible for office.

Amended Bylaws, continued:

Section 4. a. The Chair-Elect, Secretary, Treasurer, Councilors, and Alternate Councilors shall be elected by a ballot distributed to the members of the Section in accordance with the Bylaws of the SOCIETY. Information about the candidates, as stipulated by the Executive Committee (and included in the Section's operation manual), will be distributed with the ballot. It is the responsibility of the Chair of the Nominating Committee to inform the candidates of the need for biographical information. It is the further responsibility of the Secretary to provide each candidate with a form requesting the necessary information and to attempt to obtain this information from all candidates by October 12:

- b. No nominees shall be placed on the ballot unless they have affirmed their willingness to serve if elected.
- c. The order of candidates for each position on the ballot shall be by lot.
- d. The Secretary shall distribute the election materials to members before October 16.

Section 5. a. The Secretary shall be responsible for distributing the ballots to Section members. Voting shall be completed and the ballots submitted as directed at least three weeks after the ballots are distributed.

b. The Secretary shall determine whether or not completed ballots are valid, and then forward to the Tellers Committee valid ballots for consideration. The Tellers Committee shall be responsible for validating the ballot results and, prior to the election meeting or by December 1, shall notify the Executive Committee of the election results.

Section 6. a. The election results shall be announced either at a regular meeting of the Section before the end of the calendar year or by bulletin before the end of the year.

b. The Chair shall declare duly elected those candidates for each office receiving the greatest number of votes. In the event of a tie vote for any elective office, the Executive Committee shall select from among the tied candidates. The Chair shall instruct the Secretary to forward the results with appropriate certification to the SOCIETY by December 1 of that calendar year.

c. The Secretary shall notify those elected and shall distribute the names of all newly elected officers, Councilors, and Alternate Councilors to the Executive Director of the SOCIETY as required by the SOCIETY.

d. The Secretary shall hold the counted ballots for 90 days unless directed by the Executive Committee to hold them longer.

e. The counted ballots may be examined by the Executive Committee or by any Section member in the presence of any two non-candidate members of the Executive Committee after approval by the Executive Committee. An inspection of the ballots shall be recorded by the Secretary.

Section 7. a. Any challenge of an election shall be communicated in writing to the Secretary, not later than one week after announcement of the election results.

b. Disputes concerning elections shall be resolved by the Executive Committee, unless the complainant requests, or the membership directs, that a special meeting of the Section be held to resolve the problem.

c. Should new elections be scheduled to replace the disputed election, no candidate may be deleted from the ballot except for inability or unwillingness to serve.

BYLAW VIII—Duties of Officers, Executive Committee

Section 1. a. The duties of the officers shall be those customarily performed by such officers, together with those responsibilities prescribed by the Constitution and Bylaws of the SOCIETY and by these bylaws. Other duties may be assigned by the Executive Committee.

b. Officers' duties shall be given in an operations manual, updated annually by the Immediate Past Chair and approved by the Executive Committee.

Section 2. a. The Chair of the Section shall serve as Chair of the Executive Committee and shall appoint committee chairs authorized in these bylaws or by the Executive Committee.

b. The Chair shall serve as an ex officio member of all committees except the Nominating and Tellers Committees.

Section 3. a. The Executive Committee shall administer all routine matters in connection with the operation of the Section. Bills for regular continuing activities that have been budgeted previously may be paid by the Treasurer without approval.

b. The Executive Committee and Committee Chairs shall provide the Chair with items for the agenda for Executive Committee meetings and meetings of the membership, and shall perform such other duties as may be delegated to it by the Executive Committee.

c. Before each meeting of the Executive Committee, the Chair shall provide the Secretary with a formal agenda with sufficient time for distribution to the Committee Chairs and Executive Committee.

BYLAW VII—Recall of Elected Officials

Section 1. The elected officials of the Section (officers or elected Executive Committee members) are subject to recall for neglect of duties or conduct injurious to the SOCIETY. Recall procedures are not applicable to Councilors or Alternate Councilors elected by Local Sections.

Section 2. The recall of an official shall be initiated when a signed petition, indicating in writing the specific charges and reasonable substantiating evidence, is submitted to the Chair from at least five (5) voting members of the Section. In the event the Chair is the official in question, the Chair-Elect shall receive the petition and shall assume the duties of the office of Chair with respect to this issue until the issue is resolved.

Section 3. The Chair shall without delay determine that the petitioners are aware of the gravity of their actions and the procedures to be followed. The Chair shall seek an alternate resolution to the problem and a withdrawal of the petition at this time. In the absence of a resolution of the problem, the Chair shall notify the members of the Executive Committee and call a special meeting within thirty days.

a. The Executive Committee shall promptly continue the recall process or dismiss the petition as ill-founded or find an alternative solution to the problem. The Chair shall promptly inform the petitioners and the official of the decision of the Executive Committee.

b. If the proceedings continue, the Chair shall assign the duties of the official to another MEMBER of the Section until the issue is resolved.

c. If the proceedings continue, the official shall be offered an opportunity to answer the allegations in the petition.

Every reasonable effort shall be made to contact the official throughout this procedure. That effort shall include a certified letter to the last known address on the official SOCIETY membership rolls. Upon notification, the official shall have thirty (30) days to make a written response to the allegations. The Executive Committee shall decide whether to proceed after studying the official's response. The Chair shall inform the official and the petitioners of the decision of the Executive Committee.

If no contact with the official can be made after a reasonable effort, the Executive Committee may remove the official in question with a two-thirds (2/3) vote of the remaining members of the Executive Committee.

d. If the proceedings continue, the official shall choose one of the following options:

1. The official may resign.

2. The official may request a recall vote in the same manner as the original election, which must be consistent with the Section bylaws. The voting membership shall be informed, through brief written statements prepared by the Executive Committee and the official, of the issues involved with the recall vote. Both statements shall be distributed to the voting membership before the vote is taken.

3. The official may request a hearing and a recall vote by the remaining members of the Executive Committee. A two-thirds (2/3) vote of the remaining members of the Executive Committee shall be required to recall the official.

4. The official may choose not to respond and thus forfeit the position.

Section 4. The vacancy provisions of these bylaws shall be used to fill a vacancy caused by a recall process. The membership of the Section and the Executive Director of the SOCIETY shall be informed of the results of the recall process and the replacement of the official.

BYLAW IX—Meetings

Section 1. The Section shall hold not fewer than four regular meetings each year, at places designated by the Executive Committee. Notice of all meetings shall be sent to each member and affiliate of the Section.

Section 2. The Executive Committee may call special meetings of the Section, and it shall do so at the written request of 5% or more of the members of the Section. Notice of a special meeting must be distributed at least seven (7) days before the meeting, and it must state the exact nature of the business to be considered. No other business shall be conducted at such meetings.

Section 3. A quorum for transaction of business at a Section meeting shall consist of 15 members of the Section. No business shall be transacted in the absence of a quorum.

Amended Bylaws, continued:

Section 4. The Executive Committee shall meet at least four times annually, with at least one meeting per quarter, at the call of the Chair or at the request of a majority of the members of the Executive Committee. Business of the Executive Committee that is of an urgent nature may be conducted electronically or by telephone.

Section 5: The most recent edition of Robert's Rules of Order, Newly Revised (hereinafter referred to as "Robert's Rules") shall be followed for matters not provided for in the Bylaws or Constitution of the SOCIETY or the bylaws of the Section.

BYLAW X—Finances

Section 1. All members of the Section, except members in emeritus status of the SOCIETY, and Society Affiliates assigned to the Section may be requested to pay voluntarily annual Local Section dues, which may be set by the Executive Committee.

Section 2. The annual dues of Local Section Affiliates shall be set by the Executive Committee in accordance with the Constitution and Bylaws of the SOCIETY.

Section 3. The Section may receive gifts only upon approval for each case by the Executive Committee. The use of such gifts shall be as directed by the Executive Committee.

Section 4. The Treasurer shall report on the financial status of the Section to the Executive Committee at each Executive Committee meeting.

Section 5. In December of odd-numbered years, the Chair shall appoint an Auditing Committee to examine the books and accounts of the Treasurer, which shall report to the Section at the first meeting of the following year. Alternatively, at the discretion of the Executive Committee, a professional auditor may be engaged.

BYLAW XI—Patterson-Crane Award

The Patterson-Crane Award shall be given in conjunction with the Columbus Section. The Award shall be given in odd-numbered years to an individual who has made outstanding contributions in the area of chemical documentation, unless, in accordance with the legal agreement for this award drawn up and passed by the Executive Committees of the Dayton and Columbus Sections, both the Columbus and Dayton Sections agree to postpone the award. A committee of three members of the Dayton Section (appointed by the Dayton Section Executive Committee), three members of the Columbus Section, and the Chair of the Division of Chemical Information (or a designated alternate) shall constitute the Selection Committee to choose the recipient. Details of the award procedure, including the portion of the expenses charged to the Dayton Section, are governed by the legal agreement drawn up and passed by the Executive Committees of the Dayton and Columbus Sections. The Award and the administrative cost charged to the Dayton Section shall be provided from income derived from the Patterson Fund (formerly the Patterson Award Fund) or from said fund, which was established from donations of the A. M. Patterson family and friends of the Dayton Section. The Executive Committee of the Dayton Section shall be charged with preserving and increasing the Fund. At the discretion of the Executive Committee, income in excess of that needed to adequately fund the Patterson-Crane Award may be used in funding the Patterson College Chemistry Awards and the Patterson High School Chemistry Awards. The former will consist of grants-in-aid made to outstanding junior-year college chemistry majors at colleges in the Dayton Section area. The latter will consist of three cash awards to the top performers in the annual Patterson High School Chemistry competition and recognition plaques to the top performers from each participating school.

BYLAW XII—Communications Among the Members

Section 1. The Executive Committee shall have the authority to determine what material shall be published in the Bulletin or other publication sent to the membership in the name of the Section. Selection of material to be published may be delegated to the Publication Editor to the extent determined by the Executive Committee.

Section 2. A summary of the actions taken at general Section meetings and Executive Committee meetings shall be communicated to the membership.

Section 3. Use of the Section's distribution list by groups or individuals other than those of the Section shall be controlled by the Executive Committee. Any commercial use of the Section's distribution list is expressly prohibited.

Section 4. Members of the Section and groups of members, on application to the Executive Committee, shall be permitted to use the Section distribution list for purposes consistent with the objects of the Section. Such use shall be at their own expense.

BYLAW XIII—Change in Number of Councilors

Section 1. If the Section is authorized an increase in the number of Councilors, the additional Councilors and Alternate Councilors shall be elected by regular or special election.

Section 2. If the Section suffers a decrease in the number of Councilors, and notification thereof is received in the last year of a Councilor's term, no replacements shall be elected for Councilor or Alternate Councilor in the year.

BYLAW XIV—Amendments

Section 1. These bylaws shall be amended as follows:

a. The proposed amendment(s) shall have been first submitted to the Executive Committee by at least five members, or shall have been raised by the Executive Committee, and shall have been evaluated and approved by a majority of the members of the Executive Committee.

b. If a dispute arises regarding approval of said amendment(s), the Executive Committee may resolve the issue by majority vote of the Committee after hearing discussion of the issue at a regular meeting of the Section, or the Committee may decide to hold a special election of the Section to resolve it.

c. The Section Secretary shall send the proposed bylaw amendment(s) to the SOCIETY's Committee on Constitution and Bylaws for a preliminary review. After receipt of the review, the Executive Committee will then make appropriate changes, as necessary. The Secretary shall then distribute to all Section members a suitable explanation of the bylaw amendment(s).

d. That at least two-thirds (2/3) of votes cast shall be required to approve the amendment.

Section 2. The Secretary shall distribute the outcome of the ballot regarding the amendment(s) to the Section members and within one month, shall meet all requirements for submitting the results to the Committee on Constitution and Bylaws.

Section 3. Amendments to these bylaws shall become effective upon approval by the Committee on Constitution and Bylaws, acting for the Council of the SOCIETY, unless a later date is specified.

BYLAW XV—Dissolution

Upon the dissolution of the Local Section, any assets of the Section remaining thereafter shall be conveyed to such organization then existent, within or without the territory of the Local Section, as is dedicated to the perpetuation of objects similar to those of the AMERICAN CHEMICAL SOCIETY, or to the AMERICAN CHEMICAL SOCIETY, so long as whichever organization is selected by the governing body of the Local Section at the time of dissolution shall be exempt under Section 501(c)(3) of the Internal Revenue Code of 1954 as amended or under such successor provision of the Code as may be in effect at the time of the Section's dissolution.

BYLAW XVI—Affiliation with Local Technical Organizations

Section 1. a. The Section may affiliate with scientific, engineering, and/or technical societies operating within the territory of the Section, provided that the objects and activities of the organization are not in conflict with the Charter, Constitution, or Bylaws of the SOCIETY. Affiliation shall require approval by the Executive Committee and the Council Committee on Constitution and Bylaws.

b. The Section shall, with the approval of the SOCIETY's Committee on Constitution and Bylaws and with the approval of a majority of the Executive Committee, be affiliated with the Affiliate Societies Council of Dayton, so long as this affiliation meets the requirements specified in the SOCIETY's Bylaws. This affiliation shall terminate after five years unless reauthorized by the Executive Committee.

c. The Section may, by majority vote of the Executive Committee, dissolve any affiliation. The Section's Secretary shall notify the Committee on Constitution and Bylaws that the affiliation has been dissolved.

REPORT FROM COUNCIL

Although it was somewhat surreal to leave the 80^o heat in Dayton for 60^o weather in San Diego, your Councilor much preferred the latter. However, judging by the plethora of chemists sporting winter coats, this view was not widely shared. Here are a couple of items you might find interesting: First, the ACS Powers that Be have seen fit for me to mentor a first-year Councilor. As you might have predicted, this came as quite a shock; second, at the meeting of the Council Committee of Constitution and Bylaws (where I chair a subcommittee), I met a contingent of about a dozen Iraqi chemists seeking help in organizing an International Chapter of the ACS and in gaining technical expertise in repairing their environment suffering the aftermath of 10 years of war. Most of them earned their Ph.D.s in the UK, although one was schooled in Australia and another in Poland. At the Career fair, 943 job seekers vied for 85 jobs offered by 31 employees. As one of the job seekers, my streak of not being offered even a single interview has extended to 44 National ACS Meetings! That must be some sort of record.

Before Council, I attended a Town Hall Meeting where four nominees for 2013 ACS President-Elect — Thomas J. Barton (Iowa State University), Luis A. Echegoyen (University of Texas at El Paso), William A. Lester, Jr. (University of California), and Barry M. Trost (Stanford University) — answered questions from the audience. This is the second time Prof. Echegoyen has been nominated. Using my patented four-point system, Barton and Lester came out on top. However, after each candidate addressed Council, I took unprecedented action and changed both of my votes. I selected Echegoyen (partly due to his heritage and the effect he'll have on diversity in the ACS, but mostly because of his sense of humor and rapport with Council) and Trost (because he was the only one who actually talked about chemistry in his address). The biggest shortfall for all four candidates, in my opinion, is that none of them have ever participated in their local sections. The Council selected Barton and Echegoyen as candidates who, along with any candidates selected via petitions, will stand for election in the Fall National Election.

The most interesting part of Council was a special discussion item for the web-based ACS Climate Science Toolkit, developed by ACS President Shakhashiri's working group on ACS Climate Science for use by ACS members to educate themselves. President Shakhashiri demonstrated the need for such a toolkit by giving Council a multiple choice pop quiz on greenhouse gases and climate change. The four choices for each question were typically selected by 40%, 40%, 10%, and 10% of the Council—evidence for Council's ignorance on the subject. "How can we explain global climate change to our neighbors if we don't understand it ourselves?" asked President Shakhashiri, adding, "Fellow Councilors, we need a Climate Science Toolkit." President Shakhashiri then opened the floor for comment. The most amusing comments came from Councilors who had an obvious bias. Here are a couple of gems: "The temperature timeline you showed doesn't include the Roman Empire, during which time it was much warmer than now." "More CO₂ is expelled from human beings than from fossil fuels." (I wonder if this Councilor was suggesting that those of us who believe that human behavior results in global warming should just kill themselves to save the planet).

The Council voted to set the member dues for 2013 at the fully escalated rate of \$151. This rate is established pursuant to an inflation-adjustment formula in the ACS Constitution and Bylaws. The Council also voted to approve the Chemical Professional's Code of Conduct as submitted by the Committee on Economic and Professional Affairs. This document offers guidance for Society members in various professional dealings, especially those involving conflicts of interest.

The Council took action on two amendments (petitions) to the ACS Constitution and Bylaws: The Petition to Amend Recorded Vote Request Procedure and the Petition on Market Data Collection. The Council voted overwhelmingly to approve both petitions. The Petition to Amend Recorded Vote Request Procedure provides that a call for a recorded vote after a clicker vote has commenced will be out of order, as would a call for a recorded vote after the initial clicker voting has taken place. The Petition on Market Data Collection seeks to add a provision to allow for controlled market testing to collect data before the Society changes benefits, dues, or membership categories.

There's more that space here does not allow. See a fuller report at DaytonACS.org.

Until next time, your faithful Councilor, Steve Trohalaki

PAST MEETING

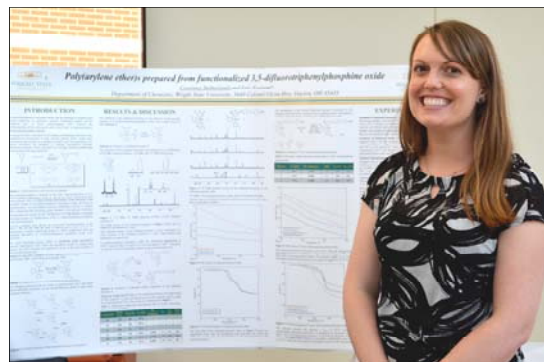
ANNUAL POSTER SESSION & PATTERSON COLLEGE CHEMISTRY AWARDS

Our first poster session ever at Central State University took place on April 3rd. With 45 posters presented, the meeting was a huge success. Outstanding student poster awards were increased to six this year, with each winner receiving \$100. The undergraduate and graduate student winners are:

- ◆ Adam Stahler (g-WSU) — *Improving the SERs-based sensing capabilities of silver nanorod thin films*
- ◆ Mehmet Tatli (g-WSU) — *Facile synthesis of functionalized poly(aryl ether sulfone)s*
- ◆ Courtney Sutherland (g-WSU) — *Poly(aryl ether)s prepared from functionalized 3,5-difluoro TPPO*
- ◆ Alaina Engdahl (u-Wittenberg) — *Using ligand efficiencies to characterize protein-ligand binding*
- ◆ Andrew Kuttler (u-UD) — *Structure, theory, and coupling reactions of new cyclic boronic esters*
- ◆ Robert Strong (u-UD) — *High temperature shape memory polymer for circuit/antennae design*



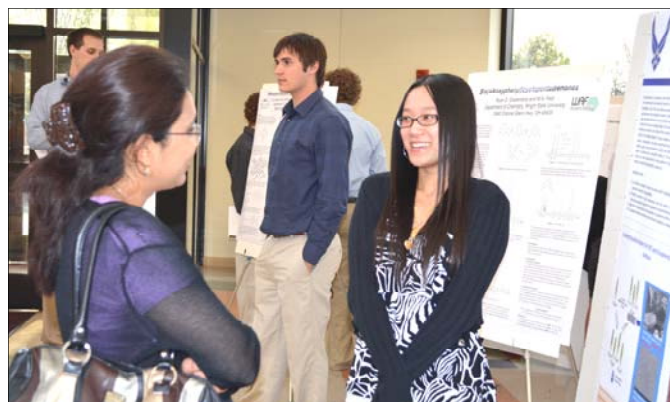
Chair-Elect Lori Balster introduces an innovative theme for next year — a poster session combined with a limbo contest. How low can you go, Lori?



Of all the outstanding poster presenters, Courtney Sutherland's photo turned out best.



The poster on the mechanism of DNA replication in *Neisseria gonorrhoeae* drew a surprisingly large crowd, although its connection to the shrieks of pain emanating from the restrooms is mere conjecture.



The Annual Poster Session has evidently surpassed Professional Practices as the Section's most fashion-packed event.

THE 2012 PATTERSON COLLEGE CHEMISTRY AWARD WINNERS

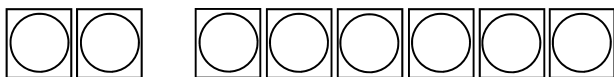
Rebekah Joy Fox	Central State University
Joshua Beckler	Cedarville University
Brian Kurish	University of Dayton
Kevin To	Wittenberg University
Ryan Selhorst	Wright State University

Given to outstanding chemistry majors in their junior year, the Patterson College Chemistry Awards consist of a certificate and \$400. The Dayton Section offers its congratulations to this year's winners.

Alzheimer's Avoidance Therapy* Unscramble the letters to reveal chemical names or concepts. Then, use the circled letters to solve the riddle. Answers next edition!

B N O O R ○ □ ○ □ □
 E E R S T ○ ○ □ ○ □
 A E I I L N N ○ □ ○ ○ □ □ □

The Cray T3E, wondering why the UNIVAC was taking so long to compute the electronic structure of a simple sydnone using density functional theory, says, "Surely, you can't



The UNIVAC, it's voice-recognition software suffering from a lack of memory, replies, "Well, I am. And stop calling me Shirley."

Answers for Last Edition

PHENOL XYLITOL DURENE

Kenny waits tables in between post-docs. Two customers - gross Wall-Street types - see Kenny's ACS t-shirt and mock him by ordering with chemical formulas: "Bring me H-2-O," says the first guy. The second guy says, "I'll have H-2-O, too." Kenny returns with their drinks. The second guy gulps his down, foams at the mouth, and keels over. "What did you bring us?" demands the first guy. Kenny says, "I brought *you* hydrogen hydroxide, and I brought *him* hydrogen PEROXIDE.

AAT-2 — Su Doku for Chemists!

Using the following nine chemical elements:

Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu
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fill in the grid below so that each row, column, and 9-element subcell has only one occurrence of each element.

						Mn	Sc	V
	Sc		Fe					
			Co		Ni			
Cr					Fe			
	V							
Cu						Co	Ti	
Sc		Cr			V			Cu
		Mn		Ni			Fe	
Ni	Fe					Ti		

EMPLOYMENT OPPORTUNITY

The Natural Sciences Department at Central State University is looking to hire part-time faculty to teach general chemistry I & II with lab for a total of 12 contact hours. Appointment starts August 15, 2012. Minimum requirement: MS in Chemistry. If you are interested please contact Dr. Suzanne Seleem at: 937-376-6689 or 937-414-0951.

Solution for Last Edition

Mn	Ti	Co	Fe	Ni	Cr	Cu	V	Sc
Cr	V	Fe	Sc	Cu	Mn	Ti	Ni	Co
Sc	Cu	Ni	V	Ti	Co	Cr	Mn	Fe
Ti	Co	V	Ni	Cr	Sc	Fe	Cu	Mn
Fe	Sc	Cu	Mn	V	Ti	Co	Cr	Ni
Ni	Mn	Cr	Co	Fe	Cu	Sc	Ti	V
V	Cr	Sc	Cu	Co	Ni	Mn	Fe	Ti
Co	Ni	Ti	Cr	Mn	Fe	V	Sc	Cu
Cu	Fe	Mn	Ti	Sc	V	Ni	Co	Cr

*Surveys suggest that mental exercises, including word puzzles, may delay the progression of Alzheimer's Disease.