

115th TWO-YEAR COLLEGE CHEMISTRY CONFERENCE

Chemical Education-Teachers and Technology

September 27-28, 1991
Anne Arundel Community College
Arnold, Maryland

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

Division of Chemical Education, Inc.
American Chemical Society
1991 Roster of Committee Members

Chair	Margot K. Schumm, Montgomery College-Rockville, 51 Mannakee Street, Rockville, MD 20850 Office (301) 279-5000 Home (301) 460-5561	(1994)
Immediate Past Chair	Elliott Greenberg, Prairie State College, 202 S. Halsted Street, Chicago Heights, IL 60411 Home (708) 748-9327 Office (708) 756-3110	(1993)
Chair-Elect	Ed Heath, Southwest Texas Junior College, Garner Field Road, Uvalde, TX 78801 Office (512) 278-4401, Ext. 224 Home (512) 278-9441	(1995)
Treasurer/ College Sponsors	Duane Sell, William Rainey Harper College, 1200 West Algonquin Road, Palatine, IL 60067 Office (708) 397-3000, Ext. 2408 Home (708) 830-2018	(1991)
Membership Chair	Richard F. Jones, Sinclair Community College, 444 West Third Street, Dayton, OH 45402 Office (513) 226-2500 Home (513) 836-9179	(1992)
Industrial Sponsors Chair	Patricia McCoy-Brown, Jefferson Community College 109 East Broadway, Louisville, KY 40202 Office (502) 584-0181, Ext. 277 or 204 Home (502) 425-7606	(1993)
Past Chairs (Members of COCTYC)	John Clevenger, Truckee Meadows Community College, 7000 Dandini Blvd., Reno, NV 89512 Office (702) 673-7221 Home (702) 348-6695	(1992)
	Ralph Burns, St. Louis Community College-Meramec, 11333 Big Bend Boulevard, St. Louis, MO 63122 Office (314) 966-7718 Home (314) 225-9253	(1991)
	Edith Bartley, Tarrant County Junior College, South Campus, 5301 Campus Dr., Fort Worth, TX 76119 Office (817) 531-4754 Home (817) 498-2177	(1991)
Other Past Chairs	Onofrio Gaglione, Jay Bardole, Tamar Y. Susskind, Katherine E. Weissmann, Marion Baker, Douglas Bond, Paul Santiago, John P. Mitchell, William Griffin, Curtis Dhonau, Douglas Bauer (deceased), Cecil Hammonds, Ethelreda Laughlin, William T. Mooney, Jr.	

**2YC₃ Advisory Board Meeting
115th Conference
Anne Arundel Community College
Friday September 27, 1991**

AGENDA

This is an open meeting. All persons attending the conference are welcome.

I. Introductions

- A. Officers and Past Chairs
- B. Self-introduction of Advisory Board Members and others present

II. Minutes from the 114th Conference, DeKalb College, Dunwoody Georgia

- A. Advisory Board, Approval page 2
- B. COCTYC, Information page 5

III. Reports

- A. DeKalb College, 114th, Conference (April 12&13, 1991)
- B. DivCHED Executive Committee Meeting, August 24, 1991
- C. Treasurer, Duane Sell page 7
- D. College Sponsors, Duane Sell page 8
- E. Membership, Richard Jones page 15
- F. Industrial Sponsors, Patricia McCoy-Brown page 16
- G. Future Meeting Sites, Ed Heath page 18

IV. NSF Update (See Newsletter Vol. 91-III pages 3 and 4.)

V. Minority Participation in 2YC₃ page 21

VI. Publicity, Public Relations and C&EN page 20

VII. Announcements and New Business

VIII. Introduction of Additional Arrivals

IX. Adjournment

COCTYC Meeting
115th Conference
Anne Arundel Community College
Saturday, September 28, 1991

AGENDA

(Note: Time and location of the meeting will be announced.)

I. Summary Report; 115th Conference

Conference hosts: Paul Kreiss, Sridharan Iyengar, Debbie Reeder, Rita Ailstock
and Elijah Pugh

II. Approval of Minutes; 114th Conference

III. Personnel Matters

Nominations for Chair-Elect, 1993 ✓
Editor ✓ '93
Secretary (NO) ✓
Regional Committees ✓

IV. Reports

✓ Greenberg	College Chemistry Canada
✓ Heath:	Future Meeting Sites
✓ Jones:	Membership, Questionnaire, Mailing List Revision
✓ McCoy-Brown	Industrial Sponsors
✓ Schumm	DivCHED Executive Committee Meeting, Public Relations, Contributions, Totem Pole and Address Labels for COCTYC
✓ Sell	Budget and College Sponsors - Office of College Chem. & this year.
✓ White	Advertisers

V. COCTYC Calendar

Chair
Chair-Elect
Immediate-Past Chair
Treasurer, College Sponsors Chair
Membership Chair
Industrial and Assistant Industrial Sponsors Chairs

VI. Old Business

In-depth Study; of Community College Chemistry Departments and Faculty,
NSF
✓ Summer Retreat
History of COCTYC

VII. New Business

VIII. Adjournment

**2YC₃ Southern Regional Advisory Board Meeting
114th Conference
DeKalb College, North Campus
Dunwoody Georgia
Friday, April 12, 1991**

Attendance

Thirty-nine names were listed on the attendance sheet. Thirty-eight attendees were 2YC₃ members. Eleven were Regional Advisory Board members.

Opening

The meeting was opened at 10:00 a.m. by the Chair, Margot K. Schumm.

Introductions

The COCTYC officers and past chairs present were introduced. All others then introduced themselves.

Minutes

The minutes of the 113th meeting, held at Phoenix College, Phoenix, Arizona were approved by voice vote.

Reports

1. Margot Schumm presented a report on the 113th Conference at Phoenix, Arizona. The meeting was very successful. There were 154 people in attendance, 11 visitors, and 11 students.
2. Duane Sell presented the Treasurer/College Sponsor's report. Duane referred the members to the Statement of Income and Expenses, and the list of College Sponsors. As of April 12 there are a total of 98 college sponsors. There are 1,322 community colleges in the United States. Each member was asked to assist Duane in increasing college sponsor membership. The membership is \$25.00 per year which currently provides about 15% of the annual budget income. College Sponsor membership is important, however, it is more important for colleges to back 2YC₃ by providing leadership and talent. College Sponsorships also provide good public relations for the college. A list of College Sponsors is included in the four regional meeting agenda books and one newsletter each year. An annual certificate of sponsorship is also given to each sponsor to hang in a prominent place on campus. This is one of the best p.r. values in the country. 2YC₃ is beginning a contest to see who can bring in the most new college sponsors in the coming year. To enter the contest, participants must submit a minimum of 5 new sponsors. The winner will receive an award of \$100.00.
3. Dick Jones, Membership Chair, said 2YC₃ has a total of 507 paid members. Membership is also running a contest. There are approximately 3,900 full time community college chemistry faculty in the United States. Contestants must submit a minimum of 25 new members. The winner will receive \$100.00. An announcement of the contest will appear in the next 2YC₃ Newsletter.
4. Patricia McCoy-Brown, Industrial Sponsors Chair, encouraged members to support the exhibits in the lobby. There is also an Industrial Sponsors contest. The member recruiting the most new industrial sponsors, with a minimum of 3, will receive \$100.00. An industrial sponsorship costs \$100.00 per year, which entitles the sponsor to exhibit at each of the four regional conferences. At the moment there are twenty-four paid industrial sponsors. Packets will be sent to each industrial sponsor explaining benefits and procedures for exhibitors to follow at the four regional meetings.

5. Ed Heath, Chair-elect, said he is sending letters to the Site-Selection Committee Members to begin filling in the 1993-94, 1994-95, and 1995-96 conference sites in September. We hope to fill in most of these sites by November 8, 1991. The Site-Selection Committee Members are:

Eastern Region

Dick Gaglione
New York City Technical College
300 Jay Street
Brooklyn, NY 11201-2983
(718) 643-8242

Southern Region

Ann Cartwright
San Jacinto College – Central Campus
8060 Spencer Highway
Pasadena, TX 77505-2007
(713) 467-1882

Midwestern Region

John Kenkel
Southeast Community College – Lincoln
8800 "O" Street
Lincoln, NE 68520
(402) 471-3333

Western Region

William Wasserman
Seattle Central Community College
1701 Broadway
Seattle, WA 98122
(206) 587-3858

Individuals wishing to host a future regional 2YC₃ conference are encouraged to contact their site-selection representative as soon as possible. If you know someone who may wish to host a conference, please forward that information to your representative as well.

6. Dale Buck, Program Chair, 116th Conference, Nov. 15-16 1991, Cape Fear Community College, Wilmington, N.C. said his conference will include industrial plant tours, instrumentation workshops, and various presentations. For preliminary programs you may write: Dale Buck, Chemical Technology Department, Cape Fear Community College, 411 N. Front Street, Wilmington, NC 28401.

Role and Function of Advisory Boards

1. Primary Responsibilities of the Regional Chairperson:

The question was raised, does a regional chairperson have to be a member of DivCHED? It was the consensus opinion that the regional advisory board members must be members of 2YC₃, but the regional chairpersons must also be members of DivCHED.

2. Primary Responsibilities of the Advisory Board Members:

- a. It was reemphasized that it is the consensus opinion of the members present that it is necessary for advisory board members to be members of 2YC₃, but not necessary that they be members of DivCHED. It is hoped that, with additional experience in 2YC₃, members will want to join DivCHED at some point in time.
- b. It was recommended that an advisory board member be required to attend one regional meeting in their own region. The members agreed with the recommendation.
- c. It was suggested that advisory board members should encourage conference attendance by encouraging car pooling, and encouraging faculty that live near the conference to invite participants to stay in their homes for the duration of the conference. This would cut expenses drastically in these hard economic times and increase meeting attendance. The resulting professional friendships might also be beneficial. Another idea to increase meeting attendance is to call colleagues, invite them to travel with you, and, perhaps, share motel expenses.

Public Relations

People do not generally understand who the community college professor is and what this individual does. The COCTYC is seriously discussing the possibility of sponsoring a study defining various aspects of the community college experience as it relates to faculty, students, and the community, and disseminating this information to four year colleges, universities, funding organizations, and members of the community.

New Business

COCTYC is in the process of working toward increasing the funding of, specifically, chemistry programs, and, generally, science and math programs in two year colleges throughout the country. One effort to promote such an activity was a presentation to DivCHED by Margot Schumm. She asked the DivCHED to endorse a case study of NSF that reveals certain facts that are very supportive of community college efforts to receive funding for their science and math programs. COCTYC encourages two year college faculty to begin submitting grant proposals more frequently. 2YC₃ is planning to continue conducting grant writing workshops at the regional conferences. Multiple grant sources will be listed in future newsletters. Members are encouraged to start sending proposals to various sources as soon as possible, and let the chair know of your successes.

Announcements

Duane Sell announced William Rainey Harper College in Palatine, Illinois has two vacancies in the chemistry department.

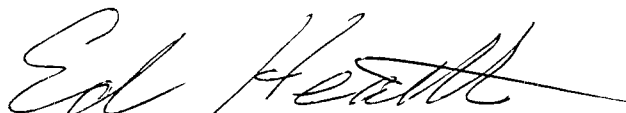
Introductions of Additional Arrivals

Late arrivals were asked to sign the attendance list.

Adjournment

The meeting was adjourned at 10:50 a.m.

Respectfully Submitted,



Ed Heath, Chair-elect 1991

**COCTYC Meeting
114th Conference
DeKalb College, North Campus
Dunwoody Georgia
Thursday, April 11, 1991**

Members Present

Pat McCoy-Brown, Ralph Burns, Elliott Greenberg, Ed Heath, Dick Jones, Duane Sell, Margot Schumm.

Call To Order

Margot Schumm, Chair, called the meeting to order at 7:30 p.m.

Approval of Minutes of COCTYC Meeting, 113th Conference

The minutes of the COCTYC Meeting held at Phoenix College, Phoenix, Arizona were approved as written. Although not mentioned at the meeting, it should be noted that Dick Jones was inadvertently left off the Members Present list.

Summary Report of the 114th Conference

Judy Johnson, Michael Denniston, and Larry Little did not foresee any problems on the upcoming conference. Concern was expressed by the three conference organizers that they "re-invented the wheel" more than necessary. The conference packet was sent to the organizers very early, but it was not distributed to all organizers. It should be reviewed with the idea of formatting a checklist.

Personel Matters

1. **Election Outcome:** Duane Sell was unanimously re-elected Treasurer. Dave Klein was elected Chair-Elect. It was noted that, currently, there are a number of good people "in the wings".
2. **Job Description and Duties of the Officers:** There was a long discussion concerning the job description and duties of the Chair-elect, Chair, Immediate Past Chair, Editor, and Secretary, centering on the issues of continuity and reasonableness of the work load. The job description of the Regional Chairperson was modified, eliminating the section in item (f) and (g) "the Division or any other group of the ACS". The discussion on job descriptions will be continued at a future workshop.
- * 3. **Incoming Chair-Elect:** Dick Jones made the motion to approve travel funds equal to one-half of the Chair-Elect travel funds immediately upon election. There was a second to the motion by Duane Sell. The motion passed unanimously.

Status of Case Study

1. **NSF Funding:** Margot sent the cover letter and case study on NSF funding to Dr. Luther Williams. She also stated the process by which the case study can be made a part of ACS policy.
2. **Demographics vs. Success Study of Biology, Chemistry, Math, and Physics Programs in Two Year Colleges:** Duane Sell moved that Margot contact discipline organizations in biology, math, and physics, send them a copy of the DivCHED Chemistry in the Two Year College study, and request input regarding their participation in a broad reaching study of demographics vs. success of biology, chemistry, math, and physics programs in two year colleges. There was a second to the motion; the motion passed unanimously.

Recruitment

1. Dick suggested a membership application be included in every 2YC₃ newsletter.
2. By consensus it was agreed to conduct contests for recruitment of membership, college sponsors, and industrial sponsors. A minimum number of new members in each category will be set, i.e., 25 new members, 5 new college sponsors, 3 new industrial sponsors. An award of \$100.00 will be given to the winner of each category.

A contest announcement will be included in the next 2YC₃ newsletter. It must be emphasized in the announcement that renewals will not count; entries must be made up of new members in each category.

3. Encourage car pooling by members attending regional meetings in order to conserve travel funds and increase meeting attendance.

Profile of Community College Chemistry Programs, Faculty, Students, and Graduates - Development of an instrument that will provide an in-depth study of community college chemistry departments, faculty, students, and graduates

1. Formulate a specific list of items that need to be included in such a study and be prepared to submit this list at the Anne Arundel meeting.
2. Compile a list of possible funding sources for such a study; present this list at the Anne Arundel meeting.
3. Include facilities as a major category in the study.

Old Business - Long-range planning

1. Try to more evenly space regional meeting dates.
2. Item two under Status of Case Study and Profile of Community College Chemistry Programs should be categorized under long-range planning.
3. It was proposed that a summer retreat be conducted next summer (1992) in order to more thoroughly cover specific topics that can not adequately be discussed during COCTYC meetings.

New Business

1. Dick Jones reported that the NSF instrument workshop proposal, originally written by John Clevenger, has been rewritten and submitted to NSF. Dick asked the committee to pass a resolution that the COCTYC agree to offer at least one instrumentation workshop at each of the four regional meetings over the next five years beginning with the Fall 1992 Conference if the proposal is funded by NSF. The committee agreed unanimously.
2. Duane Sell asked the committee to approve a new college sponsor's invoice form. Elliott pointed out the fact that the committee would be glad to make comments; however, it is not necessary for chairs to seek committee approval to initiate new or change old forms.
3. Kathy Weismann's brainstorming session summaries should be reported in the next newsletter.
4. It was decided to extend invitations to the Assistant Industrial Sponsors Chair and the Regional Chairs to attend all future meetings of COCTYC, and to send courtesy meeting packets to these individuals prior to each meeting.
5. We need to expend a greater effort to encourage minority college participation in 2YC₃.

Adjournment

The meeting was adjourned at 11:08 p.m.

Respectfully submitted,



Ed Heath, Chair-elect 1991

**COMMITTEE ON CHEMISTRY
IN THE TWO-YEAR COLLEGE**

STATEMENT OF INCOME AND EXPENSE

FOR THE PERIOD OF 03/15/91 TO 09/01/91

	BEGINNING BALANCE		\$13424.13	
	CURRENT PERIOD RATIO	AMOUNT	YEAR TO DATE RATIO	AMOUNT
INCOME				
Membership Dues	20.9	850.00	39.8	3280.00
College Sponsors	19.6	800.00	29.7	2450.00
Industrial Sponsors	27.0	1100.00	13.3	1100.00
INTEREST				
Checking Account	4.3	176.05	3.3	270.93
From CD's	28.7	1148.45	13.9	1148.45
	-----		-----	
TOTAL INCOME	100.0	\$ 4074.50	100.0	\$ 8249.38
				17498.63
 EXPENSES				
TRAVEL	42.2	1718.14	25.3	2085.48
NEWSLETTER				
Printing & Postage	0.0	0.00	17.9	1478.42
OFFICE	9.2	377.98	7.9	654.73
POSTAGE	1.6	66.16	0.8	66.16
TRANSFER TO CD	61.4	2500.00	30.3	2500.00
	-----		-----	
TOTAL EXPENSES	114.4	\$ 4662.28	82.2	\$ 6784.79
NET INCOME(LOSS)	(14.4)	\$ (587.78)	17.8	\$ 1464.59

CURRENT BALANCE \$12335.35

To date 120 Colleges have renewed their COLLEGE SPONSORSHIPS. Please review the list of active College Sponsors enclosed in this Agenda Book. If you know of a college that is not on this list, including your own, please encourage them to become a COLLEGE SPONSOR. This agenda book contains an application form for COLLEGE SPONSORSHIP. Please use it and contact me if you need additional application forms.

Respectfully Submitted

Duane Sell

Duane Sell, Treasurer and
College Sponsor Chairperson

1991 College Sponsors
Active List

printed 08/21/91

Mrs. Betty Graef
Alvin Community College
3110 Mustang Rd.
Alvin, TX. 77511

Mr. A. Schneider
Amarillo College
P.O. Box 447
Amarillo, TX. 79178

Dr. Danny White
American River College
4700 College Oak Drive
Sacramento, CA. 95841

Mrs. D. M. Reeder
Anne Arundel Community College
101 College Parkway
Arnold, MD. 21012

Mr. Robert Ingram
Arizona Western College
P.O. Box 929
Yuma, AZ. 85364

Edmund J. Zoranski
Atlantic Community College
Mays Landing, NJ. 08035

Mr. J. Surendranath
Bellevue Community College
3000 Landerholm Circle S.E.
Bellevue, WA. 98008

Mr. L. G. Ladwig
Black Hawk College
6600 34th Ave.
Moline, IL. 61265

Kenneth A. French
Blinn College
902 College Avenue
Brenham, TX. 77833

Prof. Larry Eddy
Blue Mountain Community College
2411 N.W. Carden, P.O. Box 100
Pendleton, OR. 97801

Dr. Ken Tasa
Brazosport College
500 College Drive
Lake Johnson, TX. 77566

Mr. Richard Hill, Jr
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3501 S. W. Davie Road
Fort Lauderdale, FL. 33314

Mrs. Peggy Green
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1000 Coconut Creek Blvd.
Coconut Creek, FL. 33066

Mr. Curt Shipley
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901 S. Haverhill Road
El Dorado, KS. 67042

Mr. Dale R. Buck
Cape Fear Community College
411 N. Front Street
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Dr. Bruce McClelland
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2600 NW College Way
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Dr. Ronald Watras
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19351 W. Washington St.
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Dr. Rex Widener
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Twin Falls, ID. 83301

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Dr. Ralph R. Keiser
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401 Thomas Run Road
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V. Krimsley/D. Skerrit
Hartnell College
156 Homestead St
Salinas, CA. 93901

Mr. Fred Redmore
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Ms. Elizabeth G Tite
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Dr. Donald Hoster
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Ms. Jacqueline Forte'
Baltimore, MD. 21215

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Southern Arkansas Univ.-El Dorado Branch
300 South West Avenue
El Dorado, AR. 71730

Lucy Pryde
Southwestern College
900 Otay Lakes Road
Chula Vista, CA. 92010

Prof. L.A. Burns
St. Clair County Community College
323 Erie St.
Port Huron, MI. 48060

Dr. Donna Friedman
St. Louis Comm. Coll.-Florissant Valley
3400 Persall Rd.
St. Louis, MO. 63135

1991 College Sponsors
Active List

printed 08/21/91

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St. Louis, MO. 63122

Chemistry Dept Chair
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5600 Oakland
St. Louis, MO. 63119

Dr. Donna Hoel
Stark Technical College
6200 Frank Ave. N.W.
Canton, OH. 44720

Mr. Charles Yates
State Technical Institute at Memphis
5983 Macon Cove
Memphis, TN. 38134

Mr. Roland Hale
SUNY - College of Technology at Alfred
Chemistry Department Chairman
Alfred, NY. 14803

Dr. Paul Jacobson
Tacoma Community College
5900 South 12th Street
Tacoma, WA. 98465

Janet Hamilton
Tarrant County Jr. College-N.E. Campus
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Hurst, TX. 76035

Mrs. Edith Bartley
Tarrant County Jr. College-South Campus
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Fort Worth, TX. 76119

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Triton College
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River Grove, IL. 60171

Dr. John Clevenger
Truckee Meadows Community College
7000 Dandini Blvd
Reno, NV. 89512

Prof Martha H Mackin
Truman College
1145 W. Wilson
Chicago, IL. 60202

Prof. Mary Fox
University College, Univ. of Cincinnati
Mail Location 168
Cincinnati, OH. 45221

Prof. Silvia Zapilo
Valencia Community College
P.O. Box 3028
Orlando, FL. 32802

Dr. Ray S. Sager
Victoria College
2200 E. Red River
Victoria, TX. 77901

Mr. Jay Bardole
Vincennes University
1001 N. 1st Street
Vincennes, IN. 47591

Dr. Ted Richerzhagen
Walla Walla Community College
500 Tausicle Way
Walla Walla, WA. 99362

Dr. Mary C. Lu
Walters State Community College
500 S. Davy Crockett Parkway
Morristown, TN. 37814

Mr. Thomas R. Clark
Westark Community College
P.O. Box 3649
Fort Smith, AR. 72913

Mr. Gordon Harrach
Western Nebraska Community College
1601 E. 27th
Scottsbluff, NE. 69361

Chemistry Dept Chair
William Rainey Harper College
1200 West Algonquin Road
Palatine, IL. 60067

**COMMITTEE ON CHEMISTRY IN
THE TWO-YEAR COLLEGE**

Division of Chemical Education, American Chemical Society

APPLICATION FOR COLLEGE SPONSORSHIP

College name _____ Date _____

Address: (Street) _____

(City) _____ (State) _____ (Zip) _____

Contact Person _____

Prof. Dr. Mr. Ms. Miss Mrs.

Telephone (Area Code) _____ (Number) _____ (Ext) _____

Address (if different from above) _____

All questions and correspondence concerning the 2YC₃ College Sponsorship should be directed to:

Duane Sell
W.R. Harper College
1200 West Algonquin Road
Palatine, IL 60067-7398

Phone: (708) 397-3000 Ext. 2408

Please make check for \$25 payable to:

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

and return with the completed application to:

DUANE SELL

at the above address

We are a tax exempt organization. Our tax I.D. # is 23-7169683.

Thank you for your sponsorship.

114th 2YC3 MEMBERSHIP REPORT

Total Members as of 1991 - 567

Submitted by

Richard F. Jones

September 13, 1991

REPORT OF 2YC3 INDUSTRIAL SPONSORS

Paid Industrial Sponsors to Date: 13

Sent out a 3rd renewal notice to last year's sponsors. Conducting contest to obtain more industrial sponsors.

September 13, 1991

Submitted by
Patricia McCoy-Brown

CONFERENCE SUMMARY CALENDAR

August 26, 1991

**ADADEMIC
YEAR**

1991-92	<p>115th EASTERN Sept. 28-29, 1991 Arnold, MD</p>	<p>116th SOUTHERN Nov. 15-16, 1991 Wilmington, NC</p>	<p>117th WESTERN April 3-4, 1992 Kentfield, CA (ACS - San Francisco Apr. 5-10, 1992)</p>	<p>118th MIDWESTERN May 1-2, 1992 Dearborn, MI</p>	<p>119th (BIENNIAL) Aug. 1992 Davis, CA</p>
1992-93	<p>120th SOUTHERN Oct. 2-3, 1992 Amarillo, TX</p>	<p>121th WESTERN Nov. 13-14, 1992 Gresham, OR</p>	<p>122nd MIDWESTERN Apr. 16-17, 1993 Bloomington, MN (ACS - Denver Mar. 28 - Apr. 2)</p>	<p>123rd EASTERN June 3-5, 1993 Warwick, RI</p>	
1993-94	<p>124th EASTERN Sept. 3-4, 1993</p>	<p>125th SOUTHERN Nov. 5-6, 1993</p>	<p>126th WESTERN Mar. 10-11, 1994 (ACS - San Diego Mar. 13-18, 1994)</p>	<p>127th MIDWESTERN Apr. 29-30, 1994</p>	<p>128th (BIENNIAL)</p>
1994-95	<p>129th MIDWESTERN Sept. 9-10, 1994</p>	<p>130th EASTERN Oct. 28-29, 1994</p>	<p>131st WESTERN Mar. 30-31, 1995 (ACS - Anaheim Apr. 2-7, 1995)</p>	<p>132nd SOUTHERN Apr. 28-19, 1995</p>	
1995-96	<p>133rd SOUTHERN Sept. 15-16, 1995</p>	<p>134th MIDWESTERN Nov. 16-17, 1995</p>	<p>135th WESTERN Mar. 22-23, 1996 (ACS - Seattle Mar. 24-29, 1996)</p>	<p>136th EASTERN May 3-4, 1996</p>	<p>137th (BIENNIAL)</p>
1996-97	<p>138th MIDWESTERN Sept. 6-7, 1996</p>	<p>139th EASTERN Nov. 1-2, 1996</p>	<p>140th SOUTHERN Apr. 4-5, 1997 (ACS - San Antonio Apr. 6-11, 1997)</p>	<p>141st WESTERN May 9-10, 1997</p>	

August 26, 1991

TWO-YEAR COLLEGE CHEMISTRY CONFERENCE SITES

1991-92 ACADEMIC YEAR

115th Conference (Eastern Region)

*Sept. 28-29, 1991 – Anne Arundel Community College (AACC), 101 College Parkway, Arnold, MD 21012
(301) 647-7100 – FAX: (301) 541-2489

Program Theme: **CHEMICAL EDUCATION – TEACHERS AND TECHNOLOGY**
Program Co-Chairs: Paul Kreiss, OFFICE: (301) 541-2548;
Sridharan Iyengar, OFFICE: (301) 541-2266
Local Arrangements Co-Chairs: Debbie Reeder, OFFICE: (301) 541-2224;
Rita Ailstock, OFFICE: (301) 541-2320
Exhibits Coordinator: Elijah Pugh, OFFICE: (301) 541-2261

116th Conference (Southern Region)

Nov. 15-16, 1991 – Cape Fear Community College, 411 N. Front St., Wilmington, NC 28401 (919) 343-0481

Program Theme: **CHEMICAL POTPOURRI**
Program Chair: Dale R. Buck, Chemical Tech. Dept., Cape Fear C.C.
OFFICE: (919) 343-0481, EXT. 263 HOME: (919) 762-6369
Local Arrangements Chair: Raymond P. Brandi, Marine Tech, Dept., Cape Fear C.C.
OFFICE: (919) 343-0481, EXT. 260; HOME: (919) 763-7192
Exhibits Coordinator: William E. Cheek, Chemistry Department, Central Piedmont C.C.,
1201 Elizabeth Avenue at Old Kings Drive, Charlotte, NC 28204
OFFICE: (704) 342-6968 or 6603; HOME: (704) 535-3418

117th Conference (Western Region)

(Preceding the ACS National Meeting, San Francisco, CA – April 5-10, 1992)

* April 5-10, 1992 – College of Marin, 835 College Avenue/Sir Francis Drake Kentfield (Marin County), CA 94904
(415) 485-9500 – FAX: (415) 485-0135

Program Theme: **CHEMISTRY, STILL THE CENTRAL SCIENCE**
Program Co-Chairs: Elizabeth Armstrong, Dean of Sciences, Canada College,
4200 Farmhill Blvd., Redwood, CA 94061
OFFICE: (415) 306-3291; FAX: (415) 365-2187; HOME: (415) 239-5401
Laurie O'Connor, Department of Chemistry, Chabot College,
25555 Hesperian Blvd., Hayward, CA 94545
OFFICE: (415) 786-6891; HOME: (415) 352-7974
Local Arrangements Co-Chairs: Dr. O.H. Bezirjian, Marin College
Dr. Lydia Bearden, Marin College
OFFICE: (415) 485-9513; FAX: (415) 485-0135;
HOME: (415) 929-7592 (Dr. Bezirjian)
Exhibits Coordinator: Dr. Manus Monroe, Marin College
OFFICE: (415) 485-9513; FAX: (415) 485-0135

118th Conference (Midwest)

*May 1-2, 1992 – Henry Ford Community College, 5101 Evergreen, Dearborn, MI 48128-1495 (313) 271-2750

Program Theme: **ROLE OF THE LAB IN UNDERGRADUATE CHEMISTRY**
Program Chair: Joseph Maguire, Henry Ford Community College
OFFICE: (313) 845-9632; HOME: (317) 277-1162
Local Arrangements Chair: Laura Yeakel
OFFICE: (313) 845-9632; HOME: (313) 782-1556
Exhibits Coordinator: Joseph Muscarella
OFFICE: (313) 845-9632; HOME: (313) 995-8742

* Indicates new or revised information

August 26, 1991

**119th Conference (12th Biennial)
(In conjunction with the 12th Biennial Conference on Chemical Education)**

August 2-6, 1992—University of California, Davis, CA

*Program Co-Chairs: Daniel (Danny) White, PH.D., American River College,
Sacramento, CA 95841
OFFICE: (916) 484-8385 ; HOME: (916) 331-7766
Linda Zarzana

NOTE: SPECIAL REGISTRATION AND EXHIBIT FEES IN EFFECT FOR THIS MEETING.

1992-93 ACADEMIC YEAR

120th Conference (Southern)

October 2-3, 1992—Amarillo College, P.O. Box 447, Amarillo, TX 79178 (806) 376-5111—FAX: (806) 371-5370

ADDRESS FOR PACKAGES: 24th and Jackson, Amarillo, TX 79109

*Program Theme: **TEACHING CHEMISTRY IN THE LABORATORY**
Program Chair: Jerry Foster, Physical Science Department, Amarillo College
OFFICE: (806) 371-5327
Local Arrangements Chair: Peggy Alley, Physical Science Department, Amarillo College
OFFICE: (806) 371-5327; FAX: (806) 371-5370; HOME: (806) 857-3426
Exhibits Coordinator: Mary Graff, Physical Science Department, Amarillo College
OFFICE: (806) 371-5326

121st Conference (Western Region)

**Nov. 13-14, 1992—Mt. Hood Community College, 26000 S.E. Stark St., Gresham, OR 97030
(503) 667-6422—FAX: (503) 667-7389**

Program Theme: **CHEMISTRY AND THE ENVIRONMENT—HEALTH HAZARDS:
LIVING IN THE 21ST CENTURY**
Program Chair: Richard Bolesta, Science Department, Mt. Hood Community College
OFFICE: (503) 667-7361; HOME: (503) 665-6353
Local Arrangements Chair: Gil Albelo, Science Department, Mt. Hood Community College
OFFICE: (503) 667-7365; HOME: (503) 666-3276
Exhibits Coordinator: Paul Sunset
HOME: (503) 253-5317

122nd Conference (Midwestern Region)

**Apr. 16-17, 1993—Normandale Community College, 9700 France Avenue South, Bloomington, MN 55431
(612) 830-9300**

Contact Person: Warren Eidsness

**123rd Conference (Eastern Region)
(In Conjunction with C₃ Canada)**

***June 3-5, 1993—Community College of Rhode Island, 400 East Avenue, Warwick, RI 02886**

Contact Persons: Harry Hajian and Tom Whitfield, Community College of Rhode Island
(401) 825-2257 or (401) 825-2012;
Shahid Jalil, John Abbott College, P.O. Box 2000,
Ste Anne De Bellevue PQ H9X 3L9, Canada

(March 13-18, 1994—ACS National Meeting and 5th Chemical Congress of North America, San Diego)

All 2YC₃ members are urged to make suggestions regarding meeting sites, program personnel, themes and programming suggestions, in writing, to Executive Committee members and Program Chairs of the specific conferences. 2YC₃ can function more effectively to serve all community colleges when all persons participate. We welcome your suggestions.

*Indicates new or revised information.

PUBLIC RELATIONS

The April 14th, 1991 edition of Parade Magazine included an article about two chemists, Nate Skinner and John Di Benedetto who have been presenting programs that demonstrate the wonder of science to elementary school children in California. Nate Skinner has been doing this for 17 years. Last year, he and John Di Benedetto founded a group called REACTS, Rediscovery Educational Activities Create Tomorrow's Scientist. The organization now has 100 volunteers, 10 of them chemists.

In my own state, Maryland, we have several projects of a similar nature, including programs, developed at a number of our Community Colleges, that reach both elementary school students and teachers.

Every meeting, ACS, DivCHED and 2YC₃, I have attended in the last few years has included papers and, in some cases, workshops dealing with programs, courses and special projects designed to make chemistry, and science in general, more appealing to students, teachers and the public.

Chem Com has been developed for high school students and Chem Source for high school teachers.

At the college level, we can find innumerable examples of courses specifically designed to present chemistry that is, to use a '60s term, relevant, meaningful, and challenging to students in nonscience curricula. At post secondary schools throughout the country, people are experimenting on ways to make the introductory chemistry course that science majors take more exciting and user friendly.

Funded by the Annenberg Center for Public Broadcasting, several chemical companies, and the ACS, a group of educators, including a Nobel Laureate, developed a college-level telecourse for liberal arts students. From this series, a complete package of films, text and teachers guides were derived to be used in high school courses.

How many of these developments have been reported in Chemical and Engineering News? Unfortunately, not many. I do not mean that there are no references to chemical education in C&EN, but I believe that it is not as broad-based as it should be. Judging from the letters to the Editor that appear all too frequently, few working chemists know much about what *we* are doing to change the way we teach chemistry, at all levels, in order to generate greater interest in chemistry and better understanding of the role that chemistry plays in all of our lives.

I am not the only person to voice this concern. The President of the ACS and many other chemical educators are equally concerned.

What can we do about this? While I do not claim to have *the* solution to this problem, I do have several suggestions. I am certain that many of you can add to my limited list, and hope that you will share them with me and others by writing to me or Ed Heath, who will be editing the 1992 Newsletters. Our addresses are given on Page 1.

- If you are doing anything that you feel is at all newsworthy, inform the Education Editor of C&EN, Ward Worthy and/or the C&EN Editor of the News Bureau closest to your school.
- Write letters to the Editor of C&EN, Michael Heylin, asking him to include more material about improvements in the delivery of chemical education from kindergarten to the university. (Perhaps we should also request that C&EN prepare a feature article that takes an in-depth look at Chemical Education in the '90s).
- Encourage your local Section to become more involved in matters pertaining to chemical education.

- Encourage your institution to publicize its science programs more aggressively in local news media.
- Encourage 2YC₃, Biennial and DivCHED meeting organizers to prepare press releases emphasizing the highlights of each meeting and to invite the local press, and C&EN, to cover the meeting.

LETTER TO 2YC₃

To the Editor:

In a recent newsletter, "Notes From the Chair," our chairperson's theme was "Now Is the Time". One aspect of this theme, to me, was asking that all of us, across the entire spectrum of the races, get more involved with educating our students in the sciences. This spectrum is represented to a limited extent on our college campuses but minority representation at the National ACS meetings, its workshops, its task forces, its divisions, and its committees takes a nose dive. Therefore, I would like to pose an obvious question. What can COCTYC and 2YC₃ do to get greater participation of all the races?

COCTYC is seeking answers to this question. Initial discussion could take place at the Fall 2YC₃ meeting at Anne Arundel Community College, September 27-28, 1991. I, like most of you have some obvious answers, but a serious discussion of these answers will probably be more effective. Thus, the Committee should extend an invitation to all who plan to attend the Anne Arundel meeting, especially minority members, to join them in discussing this question. I, as a minority member of 2YC₃, do not have all of the answers, therefore we need you, we need your intellect, we need your ideas, we need your suggestions and above all we need your presence.

Warren Grant, Ph. D
Department of Chemistry
Montgomery College

2YC, ADVISORY BOARD, REGION I - WESTERN STATES: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

PROGRAM CHAIR - 1991, and REGIONAL CHAIR

Alan Kruse Pima Community College 2202 West Anklam Road Tucson, AZ 85709 (602) 884-6031			(1993)
<hr/>			
Albelo, Gilbert Mt. Hood Community College 26000 S.E. Stark Street Gresham, OR 97030 (503) 667-6422	(1993)	Peter, James R. Cerritos Community College 11110 E. Alondra Blvd. Norwalk, CA 90650 (213) 860-2451	(1993)
Armstrong, Elizabeth Canada College 4200 Farm Hill Blvd. Redwood City, CA 94061 (415) 237-3291	(1991)	Romer, Christine Cerritos Community College 11110 E. Alondra Blvd. Norwalk, CA 90650 (213) 860-2451	(1991)
Chase, Jody Truckee Meadows Community College 7000 Dandini Blvd. Reno, NV 89512 (702) 673-7221	(1991)	Scott, Peter Linn-Benton Community College 6500 SW Pacific Blvd. Albany, OR 97321 (503) 928-2361	(1992)
Collins, Carolyn Clark County Community College 3300 East Cheyenne Avenue N. Las Vegas, NV 89030 (702) 456-4109	(1991)	Sherman, Ruth Los Angeles City College 855 N. Vermont Avenue Los Angeles, CA 90029 (213) 669-4223	(1992)
Hubbs, Robert DeAnza College Cupertino, CA 95014 (408) 996-4774	(1991)	Wasserman, William Seattle Central Community College 1701 Broadway Seattle, WA 98122 (206) 587-3858	(1991)
Hubscher, Arthur Ricks College Rexburg, ID 83460-0500 (208) 356-1930	(1991)	(Site-Selection Committee Member)	(1991)
Lungstrum, Richard A. American River College Sacramento, CA 95841 (916) 484-8464	(1992)		

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REGIONAL CHAIR

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Judy Johnston
DeKalb College
555 N. Indian Creek Dr.
Clarkston, GA 30021
(404) 299-4097, and 4098

Dale R. Buck (1993)
Cape Fear C.C.
411 N. Front St.
Wilmington, NC 28401
(919) 343-0481, x 263

Ann Cartwright (1991)
San Jacinto College-
Central Campus
8060 Spencer Highway
Pasadena, TX 77505-2007
(713) 476-1882
(Site-Selection Committee
Member) (1993)

Alley, Peggy (1992)
Amarillo College
P.O. Box 447
Amarillo, TX 79178
(806) 371-5334

Fowler, Art (1992)
Hiwassee College
P.O. Box 619
Madisonville, TN 37354
(615) 442-2520, ext. 280

Ballard, Paula (1992)
Jefferson State Junior College
2601 Carson Road
Birmingham, AL 35215
(205) 853-1200

Graham, James (1991)
J.C. Calhoun Community College
Decatur, AL 35620
(205) 353-3102

Barber, Anne (1992)
Manatee Junior College
5840 26th Street W.
Bradenton, FL 33506
(813) 755-1511

Harrison, Lester W. (1991)
Hinds Community College
Raymond, MS 39154-0999
(601) 857-3285

Bell, Alex (1992)
Trident Technical College
P.O. Box 10367
Charleston, SC 29411
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Massy, M. Wendell (1992)
Florida Community College-Kent Center
3939 Roosevelt Blvd.
Jacksonville, FL 32205
(904) 387-8244

Bell, Helen (1991)
Dryersburg State Community College
Lake Road
Dryersburg, TN 38024
(901) 286-3382

McGlaun, Garry (1992)
Gainesville Junior College
P.O. Box 1358
Gainesville, GA 30503
(404) 535-6266

Bray, Larry (1992)
Miami-Dade Community College-So. Campus
11011 SW 104th Street
Miami, FL 33176
(305) 347-2492

Minter, Anne (1992)
504 N. College Avenue
Douglas, GA 31535
(913) 384-6973

Cheek, William (1991)
Central Piedmont Community College
P.O. Box 35009
Charlotte, NC 29235
(704) 373-6968

White, Carol L. (1993)
Athens Tech.
U.S. Highway 29 North
Athens, GA 30610
(404) 549-2360
(Assistant Industrial Sponsors Chair) (1993)

2YC₃ ADVISORY BOARD, REGION III - MIDWESTERN STATES: Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin

PROGRAM CHAIR - 1991

REGIONAL CHAIR

		Martha Brosz Cincinnati Technical College 3520 Central Parkway Cincinnati, OH 45223 (513) 569-1710	(1992)
Advani, Roma Prairie State College 202 S. Halsted Street Chicago Heights, IL 60411 (708) 709-3604	(1993)	Kolb, Doris Bradley University Peoria, IL 61625 (306) 677-3029	(1991)
Banks, Lavoir Elgin Community College 1700 W. Spartan Avenue Elgin, IL 60123 (708) 697-1000 Ext. 320	(1991)	Krieger, Albert Jackson Community College 2111 Emmons Road Jackson, MI 49201 (517) 787-0800	(1991)
Bardole, Jay Vincennes University Vincennes, IN 47591-5201 (812) 885-4372	(1993)	Neff, David Jefferson Community College 109 East Broadway Louisville, KY 40202 (502) 584-0181	(1993)
Eidsness, Warren Normandale Community College 9700 France Avenue, S. Bloomington, MN 55431 (612) 830-9300	(1992)	Redmore, Fred Highland Community College Freeport, IL 61032 (815) 235-6121, Ext. 331	(1993)
Hammonds, Cecil The Metropolitan Comm. Colleges (MO) 3200 Broadway Kansas City, MO 64111 (816) 932-7659	(1992)	Rekow, Mary A. Jackson Community College 2111 Emmons Road Jackson, MI 49201 (517) 787-0800	(1991)
Johnson, Cullen Cuyahoga Community College-East Campus 4250 Richmond Road Warrensville Twp., OH 44122 (216) 987-2237	(1993)	Susskind, Tamar Y. Oakland Community College 2900 Featherstone Road Auburn Hills, MI 48507 (313) 340-6629	(1992)
Kenkel, John Southeast Community College - Lincoln 8800 "O" Street Lincoln, NE 68520 (402) 471-3333 (Site-Selection Committee Member)	(1991) (1993)	Weierich, Andre J. Southeast Community College Cumberland, KY 40823 (606) 589-2145	(1992)
Klein, David W. Kansas City Kansas Community College 7250 State Avenue Kansas City, KS 66112 (913) 334-1100, Ext. 152	(1992)	Weissmann, Katherine E. C.S. Mott Community College 1401 East Court Street Flint, MI 48502 (313) 232-6092	(1992)
Kock, Frank Bismarck State College 1500 Edwards Avenue Bismarck, ND 58501 (701) 224-5423	(1991)	Winklemann, John Illinois Valley Community College 2578 E. 350th Road Oglesby, IL 61348-1099 (815) 224-2720	(1993)

2YC₃ ADVISORY BOARD, REGION IV - EASTERN STATES: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Virginia, Vermont, West Virginia

PROGRAM CO-CHAIRS - 1991

Paul Kreiss and
Sridharan Iyengar
Anne Arundel Community College
101 College Parkway
Arnold, MD 21012
(301) 541-2548, and 2266

REGIONAL CHAIR

Sridharan Iyengar (1993)
Anne Arundel Community College
101 College Parkway
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(301) 541-2266

Cherim, Stan (1991)
Delaware County Community College
Media, PA 19063
(215) 353-5400

Sollimo, Vincent (1991)
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Pemberton, NJ 08068
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Gaglione, Onofrio (1993)
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300 Jay Street
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(718) 643-8242
(Site-Selection Committee Member) (1991)

Stumpf, Dorothy (Dotty) (1992)
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Springs Road
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Kanter, Muriel (1993)
130 Rosseter Street
Dorchester, MA 02121
(617) 734-1960

Tobias, John (1992)
Westchester Community College
76 Grasslands Avenue
Valhalla, NY 10595
(914) 285-6939

Katz, David (1993)
Community College of Philadelphia
1700 Spring Garden Avenue
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(215) 751-8000

Vlassis, C.G. (1991)
Keystone Junior College
LaPlume, PA 18440
(717) 945-5141

Rainard, Barbara (1991)
Community College of Allegheny County
808 Ridge Avenue
Pittsburgh, PA 15212
(412) 237-2649

Whitfield, Thomas (1993)
Community College of Rhode Island
400 East Avenue
Warwick, RI 02886-1805
(401) 825-2257

Romano, Alla (1992)
New York City Technical College
300 Jay Street
Brooklyn, NY 11201
(718) 643-8242

American Chemical Society
Office of College Chemistry
Highlights of Activities
for the period
March 6, 1991 - August 16, 1991

College Chemistry

- Worked with DivCHED's 2YC3 to prepare the agenda for the 114th conference.
- Staff was invited to provide names to NSF of two-year college faculty in chemistry and chemical technology programs for a special NSF summer workshop designed to strengthen the Foundation's work with two-year colleges. The ACS report on "Critical Issues in Two-Year Colleges" was used as a prototype for the NSF workshop report.
- Staff made a presentation for the ACS Education Division at the Midwestern Local Section Officers conference. Student Affiliates/Local Section linkages were emphasized.
- Staff helped develop, sponsor, and conduct the Minorities in Science and Technology Network's Career Fair for junior and senior high school students in the DC metropolitan area.
- ACS Education Division cosponsored with ACS Professional Relations symposia at the Great Lakes and Middle Atlantic regional meetings. The symposia focused on faculty mentoring and careers for undergraduate and graduate students. Staff delivered papers on the Student Affiliates and career education services.
- Staff has served as liaison to the ACS Board Task Force on Minorities in the Chemical Sciences. The task force has been investigating ACS's and sister societies' actions and programs for recruiting and retaining minorities in science. Recommendations will be given to the Board by December 1991. Meetings have been held with AAAS, InRoads, the National Action Council for Minorities in Engineering, the Science and Engineering Alliance, and the Association of Puerto Ricans in Science and Engineering to explore the possibility of developing joint ventures.

Colleges Chemistry Consultants Service (C3S)

- The MSIP grant, with an award of \$112,212, began April 1, 1991. A meeting was held in Atlanta to launch the program. A presentation was made before ACS Corporation Associates to solicit their help in the partnership aspect of the project.
- Consulting visits have been made to two MSIP schools: Florida Memorial College and Johnson C. Smith University.
- Staff and the principals involved in the MSIP grant have been working with the InRoads organization to establish partnership programs at five demonstration sites across the country.
- The Office of College Chemistry sponsored consulting visits to two technical school systems in Wisconsin. The visits to Blackhawk Community College and the Gateway Technology College involved visits to four campuses.
- A proposal was developed and submitted to NSF's program for Undergraduate Faculty Enhancement. C3S intends to provide extensive training for the consultants, expand the roster of consultants to 100 experts, and subsidize consulting visits at two- and four-year colleges over the course of three years.

- One self-funded C3S visit was conducted over the period.

Chemical Technicians Programs

- An information session was held at the Atlanta meeting for chemical technology program experts who will serve as visitors to schools for the Chemical Technology Program Approval Service (CTPAS).
- Preparations were made to begin review for the first application submitted to the CTPAS.
- Staff conducted an informal survey of chemical technology programs that had expressed an interest in CTPAS. The primary finding was that schools are interested in the service and are in the process of completing the self-study as time allows.
- The third issue of Technicians Today, was published and mailed to over 400 subscribers.
- Numerous conference calls were held with Technicians Today staff for planning of the fourth issue of the magazine, and for developing a marketing strategy.

Chemistry in Context (CIC)

- The technical peer review of the textbook was completed.
- Fourteen sites representing different types of colleges, universities, and teaching situations were chosen for the field test of the second draft of CIC. Faculty from the fourteen sites met in Cortland, NY for a workshop in preparation of the field test.
- The CIC Editorial Board met twice to review and rewrite the draft of the text's first nine chapters. The Board also worked on developing three new chapters.
- The first four chapters of the second field test edition were published and distributed to the fourteen test sites, where nearly 1,000 students will be studying all or certain chapters of the text.

Career Education

- The teacher's guide for the ACS careers video, "Working It Out," was written and designed in mid-1991. The guide is being photocopied and distributed with each copy of the videotape that is purchased. The videotape targets minorities and is a tool that should help to attract and retain minorities in the science pipeline.
- Staff receives many requests for financial aid, a financial aid brochure, although slated to be eliminated, was updated and redesigned. Letters were mailed to all current publishers listed in the brochure, requesting that they update their information and return the forms to the ACS. Updated information, as well as new information was received.
- The publication "Chemical Careers in the Life Sciences" is now out of print (as of May 1991).

Careers Publications Distribution

	<u>As. of June 1991</u>	<u>May 1990</u>
College	7,512	5,326
High School	16,850	7,217
TOTALS:	24,362	12,543

Student Affiliates

- The Student Affiliates poster session was held at the ACS national meeting in Atlanta. Sixty-seven students presented their research.
- The first Laboratory for Leadership (management training for Student Affiliates) was hosted by the SA Program. Fifty affiliates and advisors attended.
- The second issue (May/June 1991) of In Chemistry was published and distributed to approximately 6000 Student Affiliates, Faculty Advisors, and interested others.
- The updated 1991-93 edition of Speakers and Tours for Student Affiliates Chapters was printed and distributed to Faculty Advisors.
- The Student Affiliates Office arranged and hosted the Student Affiliates Faculty Advisor Workshop at the 21st Northeast Regional Meeting in Amherst, Massachusetts. Twenty-two advisors participated.
- Annual reports were returned by 249 chapters. Sixty of these reports were selected as candidates for Outstanding or Commendable awards.
- The Summer Special issue of In Chemistry was published and distributed to approximately 6000 Student Affiliates, Faculty Advisors, and interested others. This was the first issue to carry graduate school advertising.

Student Affiliates chapters were chartered at the following schools: The University of Tennessee at Knoxville; Hudson County Community College, Jersey City, NJ; The Technical Training Project, Inc., Newark DE; Edinboro University of Pennsylvania; and Belmont College in Nashville, TN

Student Affiliates chapters were reactivated at the following schools: The University of Alabama at Birmingham; Benedictine College, Atchison, KS; California Institute of Technology, Pasadena, CA; Drexel University, Philadelphia, PA; North Carolina Central University, Durham, NC; and Yeshiva College, New York, NY.

MEMBERSHIP DATA

	1988	1989	1990	1991
January	128	523	320	254
February	233	223	208	238
March	231	308	274	355
April	148	164	191	127
May	210	288	451	552
June	382	382	220	197
July	161	103	137	187
August	315	303	384	
September	351	312	501	
October	657	675	823	
November	785	787	898	
December	356	752	322	
	3957	4817	4729	

CONFERENCE PROGRAM

115th Two Year College Chemistry Conference

Anne Arundel Community College
101 College Parkway
Arnold, Maryland 21012

Friday, September 27 and Saturday, September 28, 1991

- Program Theme:** *Chemical Education: Teachers and Technology*
- Program Chairs:** Dr. Paul Kreiss & Dr. Shree Iyengar (301) 541-2260
- Local Arrangements:** Deborah Reeder & Rita Ailstoek (301) 541-2224
- Local Industrial Sponsors Coordinator:** Dr. Elijah Pugh (301) 541-2261

Friday, September 27, 1991

- 9:00 - 4:00 Registration, Exhibits, Coffee
- 9:30 - 10:30 COCTYC Advisory Board Meeting
Margot Schuum, Chair, presiding (Open to all interested persons)
- 10:30 - 11:00 Opening Ceremonies and Welcome
Margot Schuum, Chair, COCTYC
Dr. Thomas E. Florestano, President, Anne Arundel Community College
- 11:00-NOON *Interaction of Community Colleges with a University*
Dr. Catherine Fenselau, Chairperson, Chemistry Dept
University of Maryland Baltimore County, Catonsville, MD
- NOON - 1:30 **LUNCH**-on your own at college cafeteria or area restaurants
- EXHIBITS**
- 1:30 - 2:00 *TV Course in Chemistry*
Dr. George Farrant, Catonsville Community College, Catonsville, MD
- 2:00 - 2:30 *Representing Isomeric Structures: Applications and Guidelines*
Dr. Edwin Thall, The Univ. of Akron-Wayne College, Orville, OH

CONFERENCE PROGRAM

- 2:30 - 3:00 *A Liberal Arts Chemistry Course for Adult Students*
Dr. Stephen M. Gregory, College of Notre Dame, Baltimore, MD
- 3:00 - 3:30 *Supporting ACS Student Affiliates Programs in Two-year Colleges*
Linda R. Ross, Student Affiliates Program, ACS
- 3:30 - 4:00 **COFFEE BREAK-EXHIBIT AREA**
- 4:00 - 5:30 *A Mini-workshop on Application of Videodisc Technology to Chemistry Teaching*
Kenneth Chapman, Education Division, ACS
- 6:30 - 7:30 **SOCIAL HOUR (Cash Bar)-Days Inn**
- 7:30 - 9:30 **BANQUET*-Days Inn**
BANQUET ADDRESS: *Science Literacy: The Case for an Informed Citizenry*
Dr. S. Allen Heininger, President, American Chemical Society

Saturday, September 28, 1991

- 8:30 - 1:30 Registration, Coffee, Exhibits
- 9:15 - 10:15 **PANEL DISCUSSION**
Chemistry Teaching at Different Levels
Participants: High school and community college faculty
- 10:15 - 10:30 **COFFEE BREAK-EXHIBIT AREA**
- 10:30 - 11:15 **PANEL DISCUSSION**
Chemistry Teaching: Full-time versus Part-time
Participants: Full-time and part-time community college chemistry instructors
- 11:15 - NOON *Use of Computer Programs in Chemistry Laboratories*
Dr. Thomas Kenney, Montgomery College, Rockville, MD
- NOON - 2:00 **COMPLIMENTARY LUNCHEON*- Cafeteria**
LUNCHEON ADDRESS: *National Chemistry Week 1991*
Dr. E. James Bradford, ACS
- 2:00 - 4:00 *Fundamentals of Effective Demonstrations*
Dr. David Katz, Community College of Philadelphia, Philadelphia, PA
- 4:00 - 4:15 Closing Remarks

* Pre-registration required; see registration form for details