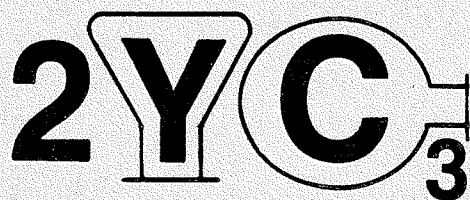


117th TWO-YEAR COLLEGE CHEMISTRY CONFERENCE

Chemistry, Still the Central Science?



TWO YEAR COLLEGE CHEMISTRY CONFERENCE
DIVISION OF CHEMICAL EDUCATION
AMERICAN CHEMICAL SOCIETY

April 3-4, 1992
College of Marin, Kentfield
Kentfield, California

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

Division of Chemical Education, Inc.
American Chemical Society
1992 Roster of Committee Members

Chair	Ed Heath, Southwest Texas Junior College, 2401 Garner Field Road, Uvalde, TX 78801-6297, Office: (512) 278-4401, ext. 224 FAX: (512) 278-1054, Home: (512) 278-9441	(1995)
Immediate Past Chair	Margot K. Schumm, Montgomery College, 51 Mannakee Street, Rockville, MD 20853 Office: (301) 251-7633 FAX: (301) 251-7134 Home: (301) 460-5561	(1994)
Chair Elect	David W. Klein, Kansas City Kansas Community College 7250 State Ave. Kansas City, KS 66112 Office: (913) 334-1100, ext. 152 FAX: (913) 596-9606 Home: (913) 648-2786	(1996)
Treasurer/ College Sponsor	Duane Sell, Wm. Rainey Harper College 1200 West Algonquin Road, Palatine, IL 60067 Office: (708) 397-3000, ext. 2408 FAX: (708) 397-0433 Home: (708) 830-2018	(1991)
Membership Chair	Richard F. Jones, Sinclair Community College 444 West Third Street, Dayton, OH 45402 Office: (513) 226-7907 FAX: (513) 449-5192 Home: (513) 836-9179	(1992)
Industrial Sponsors Chair	Patricia McCoy-Brown, Jefferson Community College 109 E. Broadway, Louisville, KY 40202-2005 Office: (502) 584-0181, ext. 277 Home: (502) 425-7606	(1993)
Past Chairs (Members of COCTYC)	Elliott Greenberg, Prairie State College 202 S. Halsted Street, Chicago Heights, IL 60411 Home (708) 748-9327, Office (708) 756-3110	(1993)
	John Clevenger, Truckee Meadows Community College, 7000 Dandini Blvd., Reno, NV 89512 Office (702) 673-7221, Home (702) 348-6695	(1992)
Other Past Chairs	Ralph Burns, Edith Bartley, 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.	

**117th Two-Year College Chemistry Conference
Advisory Board Meeting
College of Marin, Kentfield, CA
Friday, April 3, 1992**

AGENDA

Note: This is an open meeting. Advisory Board Members are expected to attend, but all persons are strongly encouraged to attend.

- I. Introductions
 - A. Officers and Past Chairs
 - B. Self-introduction of Advisory Board Members and others present
- II. Minutes from the 116th Conference, Cape Fear Community College, Wilmington, North Carolina
 - A. Advisory Board, Approval page 2
 - B. COCTYC, Information page 6
- III. Reports
 - A. Cape Fear, 116th Conference (Nov. 15 and 16, 1991), Margot Schumm
 - B. Treasurer, Duane Sell page 10
 - C. College Sponsors, Duane Sell page 12
 - D. Membership, Richard Jones page 20
 - E. Industrial Sponsors, Patricia McCoy-Brown page 22
 - F. Future Meeting Sites, David W. Klein page 23
 - G. 2YC₃ Survey Results, Richard Jones page 27
- IV. NSF UFE 2YC₃ Instrumentation Workshops, Richard Jones
- V. Election Results, Margot Schumm
- VI. Contests
- VII. DivCHED Task Force on General Chemistry, Margot Schumm
- VIII. Announcements and New Business
- IX. Introduction of Additional Arrivals
- X. Adjournment

**COCTYC Meeting 117th Conference
College of Marin
Kentfield, California
7:00 p.m.
Conference Room, Corte Madera Inn**

AGENDA

- I. Approval of Minutes, Cape Fear Meeting
- II. Summary Report of the 117th Conference Committee
Conference Organizers, Elizabeth Armstrong, Laurie O'Connor,
O.H. Bezirjian, Lydia Bearden, Courtenay Anderson, Manus Monroe
- III. Personnel Matters
Chair Elect, 1993
- IV. 1992 Budget
- V. NSF Grant — Update and Travel
- VI. Survey — Current and Future
- VII. Contests
- VIII. DivCHED Task Force on General Chemistry
- IX. Summer Internship Program, Joan Sorbrin
- X. Instrument Clearinghouse
- XI. Advisory Board Questionnaire
- XII. Summer Retreat
- XIII. DivCHED
- XIV. Summer Retreat — Location and Agenda
- XV. Old Business
- XVI. New Business
- XVII. Adjournment

**2YC₃ Southern Regional Advisory Board Meeting
116th Conference
Cape Fear Community College
Wilmington, North Carolina
Friday, November 15, 1991**

Attendance

Twenty-eight names were listed on the attendance sheet. Fourteen attendees were 2YC₃ members. Fourteen were Regional Advisory Board members.

Opening

The meeting was opened at 8:30 a.m. by the Chair, Margot K. Schumm.

Introductions

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

Minutes

Advisory Board, Approval

The minutes of the 115th meeting, held at Anne Arundel Community College, Arnold, Maryland were approved by voice vote.

Reports

1. Margot Schumm presented a report on the 115th Conference at Anne Arundel Community College, Arnold, Maryland. About 50 participants were in attendance representing high school, four-year university and two-year college chemistry teachers.

She complimented the host school for preparing a very comprehensive outline and critique of the meeting which will appear in the first newsletter. The outline details some "do's and don't's" for hosting a regional meeting and will serve as a guideline for future hosts.

No figures on the contests to increase membership in all categories were available. Margot did announce, however, that in general membership is increasing. She informed those present that the first newsletter of 1992 will have the first advertisements ever. She reminded everyone to actively solicit advertisements from their suppliers.

2. Duane Sell was not present, but the Treasurer/College Sponsor's Report was referenced in the agenda book.
3. Margot referred those in attendance to the preliminary survey conducted by Dick Jones, Membership Chair, on "Who We Are". The purposes of the survey are to bring 2YC₃ to the attention of the top administrators of two-year colleges and to find out about the schools, faculty and students involved in chemistry programs at two-year colleges. According to Margot we have committed ourselves to doing and developing an instrument that will give an in-depth study of chemistry in the two-year college.

Margot commented that the reason for the survey was to help overcome the misconception that two year institutions are only for remediation. By publishing the results of this survey, it is hoped to show that community colleges are doing much more.

Guidelines for Tenure and Promotion

The final report by the Task Force was presented in August at the ACS meeting. For the two-year college its results are very important in that it recognizes for the first time from the division as a whole the kinds of scholarly activities and contributions that we all make. It recognizes non-wet chemistry research and activities. It is a great thing to take to your

administrators and say this is what ACS recognizes as being the kinds of activities that lead to tenure and promotion. It puts those of us in the teaching field on the same par with researchers. (See Newsletter One for more information.)

Task Force on General Chemistry

This committee is headed by John Spencer of Franklin Marshall Community College in Pennsylvania. The Task Force will address not only what to teach in a general chemistry course, but the "how to". They have three subcommittees working on three radically different approaches to teaching general chemistry. As soon as they have developed these new approaches they will be soliticing instructors to try them out.

Election Results

Don Jones is the chair-elect of DivCHED, while Loretta Jones will serve as councilor; alternate councilors are Glenn Crosby, Pat Smith and Frank Cardula.

Journal of Chemical Education

Margot referred to a letter sent by Tamar Y. (Uni) Susskind urging chemistry teachers in the two-year college to subscribe to the *Journal of Chemical Education*.

Communication with Other Two-Year Science/Math Organizations

About a year ago a case study was completed by 2YC₃ members Vera Zdravkovich and Estelle Gearon to show NSF the need for more support for two-year institutions as well as four-year teaching institutions as opposed to research institutions. An attempt was made to notify the organizations of the other math/science disciplines in two-year institutions about the study, but as of the Cape Fear meeting only the physics organization had responded. Margot will follow-up on a 2YC₃ joint study with other disciplines in two-year institutions.

Announcements and New Business

Participants were invited to attend the 118th Conference (Midwestern Region) to be held May 1-2, 1992 at Henry Ford Community College in Dearborn, Michigan.

Margot was thanked for a job well done during her tenure as Chair.

Introduction of Additional Arrivals

In order not to be late for the opening session, Margot asked all participants to introduce themselves to each other during the remainder of the conference.

Adjournment

The meeting was adjourned at 9:30 a.m.

Respectfully Submitted,



Ed Heath, Chair-elect 1991

**COCTYC Meeting
116th Conference
Cape Fear Community College
Wilmington, NC
Saturday, November 16, 1991**

Members Present

Margot Schumm and Ed Heath.

Ex-Officio Members Present

Dick Gaglione

Guests Present

Wendell Massey, David Klein, John Kenkel, Alla Romano, Terri Nalley, Dale Buck.

Call to Order

Margot Schumm, called the meeting to order at 4:55 p.m.

Approval of Minutes of COCTYC Meeting, 115th Conference

Lack of quorum.

Summary Report of 116th Conference Committee

Dale Buck, program chair reported that 98 attendees representing 25 states were in attendance. He reported that he and his wife Darleen sent out 700 fliers with the program and registration form to people in the five southeastern states. He will provide Margo with a list of names and addresses for appropriate letters of thanks. In addition he will forward to Dick Jones a list of those who paid 2YC₃ dues.

He sent special thanks to his advisory committee for donating \$350. The only negative comment he had was that the southern advisory committee was not more involved.

All in all he felt the conference was a big success and was happy with the great turnout and felt the presentations went well.

Personnel Matters

1. **Chair-elect nominations, 1993:** There are two candidates for chair-elect. Due to a lack of quorum, no action was taken.
2. **Membership:** Although no actual report was available on the results of the on-going membership contest, Margot said that Duane Sell had informed her that college sponsors are increasing.

NSF Grant

Margot reported on the NSF Grant and advised those present that they are still waiting for the funding to be approved.

Survey

Margot commented on the preliminary survey being done by Dick Jones which is a profile of chemistry programs in the two-year college. She hopes the final report will be an in-depth survey of chemistry programs and possibly include other scientific disciplines. She hopes that a professional sociologist will be used to conduct the final survey.

Summer Retreat

A summer retreat which is tentatively scheduled for May 29-31, 1992 was discussed by those in attendance. According to Margot attendees will discuss the possibility of allowing the chair to name an editor for the newsletter and possibly realigning the responsibilities of the other officers. She also mentioned that she had requested each officer to prepare a chronological chart of their duties to pass on to their successor.

Old Business

Ed Heath, chair-elect informed those present of the deadlines for newsletter 3 and 4. Deadline for submission of information to newsletter 3 is April 24, 1992, while the deadline for newsletter 4 is July 3, 1992.

He also commended the site selection committee for their work on confirming seven conference sites. Several people commented on the dates for the 132nd and 136th conferences, relating that they thought attendance would be down due to a conflict with the giving of finals. Heath commented that future dates may be adjusted through Dave Klein.

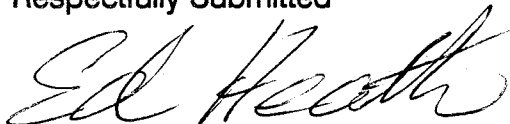
New Business

During an informal discussion, it was pointed out that several presenters mentioned various companies had donated instruments (some only two years old) to the chemistry department. It was suggested that Elliott Greenberg may want to contact some companies and start a 2YC₃ instrument clearinghouse for member institutions. This topic will be discussed at the COCTYC meeting at College of Marin

Adjournment

The meeting was adjourned at 6:00 p.m.

Respectfully Submitted

A handwritten signature in cursive script that reads "Ed Heath". The signature is written in black ink and is positioned above the typed name.

Ed Heath, Chair-elect 1991

COMMITTEE ON CHEMISTRY IN THE TWO YEAR COLLEGE

Division of Chemical Education, Inc.
American Chemical Society

1991 Annual Report

Margot K. Schumm, 1991 Chair

(No Action Items)

1991 Annual Report 2YC₃/COCTYC

• Regional conferences

113th Conference (Western Region)

Phoenix College, Phoenix, Arizona, March 1 and 2, 1991

114th Conference (*Southern Region)

DeKalb College, Atlanta, Georgia, April 12 and 13, 1991

115th Conference (Eastern Region)

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

116th Conference (*Southern Region)

Cape Fear College, Wilmington, North Carolina, November 15 and 16, 1991

In all, about 500 persons, mainly from community colleges, but also from four-year schools, high schools and industry attended these conferences.

ACS President Dr. S. Allen Heininger gave the Banquet address at the Anne Arundel meeting. This was the first of what is hoped will be an annual occasion. The 1992 President, Dr. Ernest Eliel will attend one of the 1992 regional meetings and Dr. Helen Free has been invited to participate in one of the 1993 meetings. We owe thanks to Elliott Greenberg for making the initial contacts.

[* Although we attempt to have one meeting in each of the four regions each year, occasionally other factors, such as the site of the Spring National ACS meeting, availability of conference sites, etc. result in deviations from this plan.]

• Newsletters

Four Newsletters were published and mailed to the members of 2YC₃. Copies of the Newsletters were also sent to industrial sponsors, DivCHED officers, ACS officers and interested individuals in the regional communities.

In part to compensate the demise of the Distillate, the Newsletter was expanded to include items of major significance and interest to two-year college teachers. The 1992 Chair, Ed Heath is continuing this policy.

Plans to include advertisements in the Newsletter were approved and the first advertisements appeared in Volume I of the 1992 Newsletter.

• Regional Affairs

The planned division of the 2YC₃ Committee members into four Regional Advisory Boards, each with its Regional Chair was implemented. Duties and responsibilities for the Regional Chairs and Regional Advisory Board members were developed and published. The four Regional Chairs are:

West: Alan Kruse

Pima Community College

South: Ann Cartwright

San Jacinto College

Midwest: Martha Brosz

Cincinnati Technical College

East: Sridharan Iyengar

Anne Arundel Community College

A questionnaire for the members of the Regional Advisory Boards has been developed. We are in the process of accumulating the information needed to make reappointment decisions. Long-term goal; smaller (from ten to twelve members) Regional Advisory Boards with strong representation from minority groups.

• Committee on Chemistry in the Two-year Colleges

At the Anne Arundel COCTYC meeting it was unanimously decided to make past 2YC₃ Chairs ex officio members of COCTYC. Along with emeritus status, they have been extended paid lifetime membership in 2YC₃. They will be sent copies of the agenda and the minutes of all meetings and encouraged to attend COCTYC meetings whenever possible.

David Klein, is Chair-elect for 1992. Duane Sell was elected for a second term as Treasurer. Carol White was elected as Assistant Industrial sponsor's chair. Ballots for 1993 Chair-elect and Membership Chair will be opened and counted at the COCTYC Meeting on April, 2, 1992.

COCTYC members will gather at a summer workshop, place to be determined, to:

1. Examine, and if necessary, revise the duties for each COCTYC position in order to divide the workload more equitably.
2. Develop duties and responsibilities for the position of Editor which is to be filled and reactivated by 1993
3. Develop long-range plans for COCTYC
4. Make plans to develop and distribute an instrument that will provide COCTYC with a firm data base profiling two-year college chemistry teachers, students, departments and programs.

- **Two-year Colleges, Grants and NSF**

A case study, National Science Foundation Grants and the Community Colleges, Case Statement and Suggested Solutions prepared by Vera Zdravkovich, Prince Georges Community College, and Estelle Gearon, Montgomery College, Takoma Park Campus, was sent to Luther Williams, Assistant Director of the Directorate for Education and Human Resources. Copies of the study were also distributed to the Executive Committee of DivCHED, ACS officers, and the chairs of the two-year college committees or organizations for Physics, Biology, Mathematics and Engineering.

A consortium that includes 2YC₃, Sinclair Community College and the University of Dayton was awarded a two-year Faculty Enhancement Grant to run two two-week Summer Instrumentation Institutes, one in 1992 and the second in 1993. This grant is the culmination of several years of effort by 2YC₃ members, Katherine Weissmann, John Clevenger, Duane Sell and Richard Jones.

- **Statistics**

Membership: increased 15% (488 to 568)
 College sponsors: increased 15% (118 to 138)
 Industrial sponsors: increased 20% (16 to 20)

While there were no contest winners (see midyear report), the contests appear to have had a positive effect in all three membership categories. Another factor in accounting for the increase may have been the questionnaire distributed to all Community College Presidents by the Membership Chair, Richard Jones. This study, which is almost complete, is providing COCTYC with useful information about two-year college chemistry departments.

- **Budget Matters**

Expenses

TRAVEL	\$5964
NEWSLETTER* (printing and postage) [*This year's Newsletter was partially funded by Montgomery College.]	\$1866
OFFICE EXPENSES	\$1796
POSTAGE (other than newsletter)	\$ 166

COCTYC voted to donate \$250 in seed money to institutions that have agreed to host future conferences. It was felt that this grant would help institutions in the early conference planning stages, especially in these financially difficult times. If the conference makes a profit, some or all of the grant will be returned to COCTYC.

To enable the incoming Chair-Elect to attend conferences before taking office, she/he will be eligible to receive a maximum of \$ 450.00 in travel support.

If needed, COCTYC will provide some financial support to Summer Instrumentation Workshop applicants who demonstrate need for assistance with travel expenses.

- **Future Meetings**

The chair elect made significant contributions to the future of 2YC₃ by:

1. extending the conference calendar, regions and dates, to the 134th conference, December, 1995,
2. finding host institutions for eight of these conferences, and
3. updating, improving and publishing the Conference Planning Manual



TWO-YEAR COLLEGE CHEMISTRY CONFERENCE

February 13, 1992

**DIVISION OF CHEMICAL EDUCATION
AMERICAN CHEMICAL SOCIETY**

Mrs. Helen Free, President-Elect
American Chemical Society
Diagnostics Division
Miles Inc.
P. O. Box 70
Elkhart, Indiana 46515

Dear Mrs. Free:

On behalf of the Committee on Chemistry in the Two-Year College, COCTYC, I want to congratulate you on your election to the post of President-Elect of the American Chemical Society. I was happy to have the opportunity to congratulate you in person at the recent reception for the new slate of ACS officers in Washington D. C. While I believe that you are not the first woman to become President of the ACS, it is still rare for a woman to hold such a key position in our male-dominated profession. Your visibility as ACS President will provide a role model that those of us who want to encourage women to choose chemistry as a profession, can use.

As I mentioned to you when we met, it has become a tradition for COCTYC to invite the ACS President to address one of the four regional conferences we hold each year. The Two-Year College Chemistry Conference, 2YC3, of which COCTYC is the executive committee, is a committee of the Division of Chemical Education, dedicated to supporting two-year college chemistry faculty, departments and programs, both technical and academic. To give you a better sense of our activities, I am enclosing a copy of our 1991 annual report, the four volumes of the 1991 Newsletter and Volume I of our 1992 Newsletter. The locations and dates of the four meetings scheduled for 1993, the year you are President of ACS, are listed below.

April 16-17, 1993	Normandale Community College, Bloomington, Minnesota
June 3-5, 1993	Community College of Rhode Island, Warwick, Rhode Island
October 1-2	Bucks County Community College, Newton, Pennsylvania
November 19-20	North Harris County Community College, Houston Texas

While all of our meetings are well worth attending, the June meeting is a special joint meeting with College Chemistry Canada, C3, one which you might find especially rewarding to attend. The Community College of Rhode Island recently redesigned its chemistry facilities and they are reputed to be among the best in the country. The joint meetings we hold with the Canadian educators are especially worthwhile, for it is of great value to compare our educational system with those in other countries. In addition, Harry Hajian, one of the Program Chairs, is one of our leading educators in Chemical Technology.

I hope that you will be able to fit one of these conferences into your schedule for we are eager to get to know you and to have you get to know us. I look forward to hearing from you soon.

Sincerely yours,

Margot K. Schumm, Immediate Past Chair

cc Ed Heath
Elliott Greenberg
Terry Nally

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

STATEMENT OF INCOME AND EXPENSE

FOR THE PERIOD OF 01/01/91 TO 12/31/91

	BEGINNING BALANCE	\$11271.76
	YEAR TO DATE	
	RATIO	AMOUNT
INCOME		
DUES AND SPONSORS		
DivChed	11.0	2000.00
Membership Dues	25.3	4600.00
Industrial Sponsors	12.1	2200.00
College Sponsors	27.5	5000.00
MEETINGS	1.8	328.45
ADVERTISING		
Newsletter	11.0	2000.00
INTEREST		
Checking Account	2.6	463.81
CD's	8.7	1578.62
	-----	-----
TOTAL INCOME	100.0	\$18170.88
		29442.64
 EXPENSES		
TRAVEL (Officers)	32.8	5963.97
OFFICE	9.9	1795.98
NEWSLETTER		
Printing & Postage	10.3	1866.29
POSTAGE	0.9	166.08
	-----	-----
TOTAL EXPENSES	53.9	\$ 9792.32
		19650.32
NET INCOME(LOSS)	46.1	\$ 8378.56
TRANSFERRED TO CD	55.0	\$10000.00
		CURRENT BALANCE \$ 9650.32

There was a total of 139 COLLEGE SPONSORS.

Respectfully Submitted

Duane Sell

Duane Sell, Treasurer

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

STATEMENT OF INCOME AND EXPENSE

FOR THE PERIOD OF 01/01/92 TO 03/03/92

	CURRENT PERIOD		YEAR TO DATE		
	RATIO	AMOUNT	RATIO	AMOUNT	
					BEGINNING BALANCE
					\$ 9650.32
INCOME					
Membership Dues	83.3	2980.00	83.3	2980.00	
College Sponsors	16.1	575.50	16.1	575.50	
INTEREST					
Checking Account	0.6	20.38	0.6	20.38	
	-----	-----	-----	-----	
TOTAL INCOME	100.0	\$ 3575.88	100.0	\$ 3575.88	13226.20
 EXPENSES					
OFFICE	2.0	80.25	2.0	80.25	
POSTAGE	0.8	27.63	0.8	27.63	
	-----	-----	-----	-----	
TOTAL EXPENSES	3.0	\$ 107.88	3.0	\$ 107.88	
 NET INCOME(LOSS)	97.0	\$ 3468.00	97.0	\$ 3468.00	

CURRENT BALANCE \$13118.32

To date there are 118 COLLEGE SPONSORS. 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

1992 College Sponsors
Active List

printed 03/03/92

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
Annie Arundel Community College
101 College Parkway
Arnold, MD. 21012

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

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
Broward Community College
3501 S. W. Davie Road
Fort Lauderdale, FL. 33314

Dr. Vincent Sollimo
Burlington County College
Pemberton-Browns Mills Rd.
Pemberton, NJ. 08068

Mr. Dale R. Buck
Cape Fear Community College
411 N. Front Street
Wilmington, NC. 28401

Prof E. R. Powell
Central Oregon Community College
2600 NW College Way
Bend, OR. 97701

Dr. Ronald Watras
Chandler-Gilbert Community College
2626 E. Pecos Road
Chandler, AZ. 85225

Dr. Douglas E. Zabel
Charles County Community College
P.O. Box 910
LaPlata, MD. 20646

Mr. Al Salerno
Clark State Community College
P.O. Box 570
Springfield, OH. 45501

Dr. John L. Bonte
Clinton Community College
1000 Lincoln Boulevard
Clinton, IA. 52732

Mr. Wes Fritz
College of DuPage
22nd Street & Lambert Road
Glen Ellyn, IL. 60137

Dr. Michael Corn
College of Lake County
19351 W. Washington St.
Grayslake, IL. 60030

1992 College Sponsors
Active List

printed 03/03/92

Prof O.H. Bezirjian
College of Marin
Kentfield Campus
Kentfield, CA. 94904

Dr. Rex Widener
College of Southern Idaho
P.O. Box 1238
Twin Falls, ID. 83301

Mr. Roy Gold
Colorado Northwestern Community College
500 Kennedy Drive
Rangely, CO. 81648

Instruct. Director
Columbia Basin College
2600 N. 20th Ave.
Pasco, WA. 99301

Dr. Ralph R. Keiser
Community College of Rhode Island
400 East Ave.
Warwick, RI. 02886

Dr. Marty Ayers
Community College of Allegheny County
808 Ridge Avenue
Pittsburgh, PA. 15212

Sharon Kapka, CHM
County College of Morris
Route 10 and Center Grove Rds
Dover, NJ. 07801

Mr. Joe Asire
Cuesta College
P.O. Box 8106
San Luis Obispo, CA. 93403

Mr. Cullen Johnson
Cuyahoga Community College
4250 Richmond Road
Warrensville Twp, OH. 44121

Mr. Robert R. Hubbs
DeAnza Community College
221250 Stevens Circle Blvd
Cupertino, CA. 94014

Mr. R.G. Albrecht
Dodge City Community College
2501 N. 14th Avenue
Dodge City, KS. 67801

Mrs. Gonca Yurteri
Donnelly College
608 North 18th Street
Kansas City, KS. 66102

Dr. G. W. Donaldson
East Georgia College
237 Thigpen Drive
Swainsboro, GA. 30401

B. Morris, Math/Sci.
El Camino College
16007 Crenshaw Blvd
Torrance, CA. 90506

Diane Schulman
Erie Community College
4140 Southwestern Blvd.
Orchard Park, NY. 14127

Dr. Gerald Berkowitz
Erie Community College-North Campus
Main St. and Young Road
Williamsville, NY. 14221

Mr. Garry McGlaun
Gainesville College
P.O. Box 1358
Gainesville, GA. 30503

Prof. Marilee Murray
Glendale Community College
6000 West Olive Avenue
Glendale, AZ. 85302

Dr. Ray Gangi
Gloucester County College
Taynard and Salinas Roads
Sewell, NJ. 08080

Prof. Roger DeVries
Grand Rapids Community College
143 Bostwick, N.E.
Grand Rapids, MI. 49503

1992 College Sponsors
Active List

printed 03/03/92

Mr. Paul J. Santiago
Harford Community College
401 Thomas Run Road
Bel Air, MD. 21014

V.Krimsley/D.Skerrit
Hartnell College
156 Homestead St
Salinas, CA. 93901

Mr. Joseph Maguire
Henry Ford Community College
5101 Evergreen
Dearborn, MI. 48128

Mr. Fred Redmore
Highland Community College
Pearl City Road
Freeport, IL. 61032

Prof. C.M. Biegel
Holy Cross College
1801 N. Michigan Street
Notre Dame, IN. 46556

Ms. Elizabeth G Tite
Holyoke Community College
303 Homestead Ave.
Holyoke, MA. 01040

John Youker, Chair
Hudson Valley Community College
80 Vandenberg Ave.
Troy, NY. 12180

Dr. Ronald Pfister
Hutchinson Community College
1300 N. Plum
Hutchinson, KS. 67501

Prof. Albert Krieger
Jackson Community College
2111 Emmons Rd.
Jackson, MI. 49201

Mr. Joseph Butler
Jefferson Community College
Outer Coffeen Street
Watertown, NY. 13601

Chem.Dept Chair.
Johnson County Community College
12345 College at Quivira
Overland Park, KS. 66210

Dr. David Klein
Kansas City Kansas Community College
7250 State Avenue
Kansas City, KS. 66112

Dr. Jerry Fuller
Kilgore College
1100 Broadway
Kilgore, TX. 75662

Richard E. Jones, Jr
Lewis and Clark Community College
5800 Godfrey Road
Godfrey, IL. 62035

Dr. Peter Scott
Linn-Benton Community College
6500 S.W. Pacific Rd.
Albany, OR. 97321

Mr. James Carney
Lorain County Community College
1005 N. Abbe Rd.
Elyria, OH. 44035

Prof. Anne Barber
Manatee Community College
5840 26th St. W.
Bradenton, FL. 33506

Mr. John Konitzer
McHenry County Comm. Coll, District #528
Rt. 14 at Lucas Rd.
Crystal Lake, IL. 60012

Mr. Gerald DeChaine
Mendocino College
1000 Hensley Creek Road
Ukiah, CA. 95482

Chemistry Dept Chair
Mesa Community College
1830 W. Southern Ave.
Mesa, AZ. 85202

1992 College Sponsors
Active List

printed 03/03/92

Dr. John Mangini
Metropolitan Community College
P.O. Box 3777
Omaha, NE. 68103

Dr. Dorma Gottlieb
Miami-Dade Comm. College-South Campus
11011 S.W. 104th St.
Miami, FL. 33176

Prof. Boyd Gentry
Mid-Plains Community College
Route #4, Box 1
North Platte, NE. 69101

Dr. John D. Pasto
Middle Georgia College
Sarah Street
Cochran, GA. 31014

Dr. Joe Blumentritt
Midland College
3600 N. Garfield
Midland, TX. 79705

Sharon Sechrist
Minneapolis Community College
1501 Hennepin Ave.
Minneapolis, MN. 55403

Mr. G. R. Nobiling
Monroe Community College
1000 E. Henrietta Rd.
Rochester, NY. 14623

Clarence Breedlove
Montgomery College
51 Mannakee Street
Rockville, MD. 20850

Katherine Weissmann
Mott Community College
1401 E. Court St.
Flint, MI. 48502

Dr. Gilbert Albelo
Mt. Hood Community College
26000 SE Stark Street
Gresham, OR. 97030

Mez Hathaway
Muskingum Area Tech. College
1555 Newark Rd.
Zanesville, OH. 43701

Tom Hammargren
Navarro College
3200 West Seventh Ave.
Corsicana, TX. 75110

Dr. Donald Hoster
New Community College of Baltimore
Accounts Payable
Baltimore, MD. 21215

Mr. Warren Eidsness
Normandale Community College
9700 France Ave. S.
Bloomington, MN. 55431

Mr. Don Langr-Chem
North Iowa Area Community College
500 College Drive
Mason City, IA. 50401

Prof. Floyd King
North Lake College
5001 MacArthur Blvd
Irving, TX. 75038

Mr. Ron DiStefano
Northampton Community College
3835 Green Pond Road
Bethlehem, PA. 18017

Prof. Tamar Susskind
Oakland Comm. Coll.-Auburn Hills Campus
2900 Featherstone Rd.
Auburn Hills, MI. 48507

Dr. C. Churchill
Oakton Community College
1600 E. Golf Road
Des Plaines, IL. 60016

Patricia C. Flath
Paul Smith's College
Rts. 192 & 30
Paul Smith's, NY. 12970

1992 College Sponsors
Active List

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3201 Southwest Blvd.
Kansas City, MO. 64111

Dexter Plumlee, Chair
Portland Community College
P.O. Box 19000
Portland, OR. 97219

Dr. James Herbach
Prairie State College
P.O. Box 487
Chicago Heights, IL. 60411

Dr. Barbara A. Gage
Prince George's Community College
301 Largo Rd.
Largo, MD. 20870

Mrs. Theodora Edwards
Rancho Santiago College
17th at Bristol Street
Santa Ana, CA. 92706

Mr. Terry Johnson
Rogue Community College
3345 Redwood Hiway
Grants Pass, OR. 97527

Dr. Curt McLendon
Saddleback College
28000 Marguerite Parkway
Mission Viejo, CA. 92692

Linda Chandler
Salt Lake Community College
P.O. Box 30808
Salt Lake City, UT. 84130

Dr. Ann Cartwright
San Jacinto College-Central Campus
8060 Spencer Highway
Pasadena, TX. 77505

Ms. Barbara Demmons
San Joaquin Delta College
5151 Pacific Ave.
Stockton, CA. 95207

Mr. Dale Heuck
Sauk Valley College
173 Il Route 2
Dixon, IL. 61021

Mr. Bill Nickels
Schoolcraft College
18600 Haggerty Road
Livonia, MI. 48152

William Wasserman
Seattle Central Community College
1701 Broadway
Seattle, WA. 98155

Mr. H. Vanderbilt
Sierra College
5000 Rocklin Rd.
Rocklin, CA. 95677

Dr. Richard F. Jones
Sinclair Community College
444 W. Third Street
Dayton, OH. 45402

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

Ed Heath
Southwest Texas Junior College
Garner Field Road
Uvalde, TX. 78801

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

1992 College Sponsors
Active List

printed 03/03/92

Mr. Ralph Burns
St. Louis Comm. College-Meramec
11333 Big Bend Blvd.
St. Louis, MO. 63122

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

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

Janet Hamilton
Tarrant County Jr. College-N.E. Campus
828 Harwood Road
Hurst, TX. 76055

Mrs. Edith Bartley
Tarrant County Jr. College-South Campus
5301 Campus Drive
Fort Worth, TX. 76119

Mr. Kenneth W. Ragle
Texas State Technical Institute
3801 Campus Drive
Waco, TX. 76705

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

Prof. D. Giersch
Triton College
2000 Fifth Avenue
River Grove, IL. 60171

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

LTC Sam Wrightson
Valley Forge Military Junior College
1001 Eagle Rd., Sorley House
Wayne, PA. 19087

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

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

1991 COLLEGE SPONSORS

The COCTYC would like to thank the following colleges who have supported the organization this past year through their College Sponsorships.

*Aims Community College
*American River College
Atlantic Community College
Blinn College
Broward Community College
Cape Fear Community College
Charles County Community College
Clark State Community College
College of Lake County
Columbia Basin College
County College of Morris
DeAnza Community College
*Donnelly College
El Camino College
Erie Community College
Front Range Community College
Gloucester County College
Hartnell College
Holyoke Community College
Jackson Community College
Jefferson Community College
Kansas City Kansas Community College
Linn-Benton Community College
McHenry County Community College
District #528
*Midland College
Middlesex Community College
Montgomery College
*Muskingum Area Technical College
New York City Technical College
North Lake College
Oakland Community College –
Auburn Hills Campus
Portland Community College
Saddleback Community College
Sauk Valley College
Sierra College
Southern Arkansas U. – El Dorado Branch
St. Clair County Community College
St. Louis Community College – Meramec
SUNY – College of Technology at Alfred
Tarrant County Junior College – S. Campus
Truckee Meadows Community College
Valencia Community College
Vincennes University
Westark Community College

Alvin Community College
Anne Arundel Community College
Bellevue Community College
Blue Mountain Community College
Broward Community College – North
Central Oregon Community College
Cincinnati Technical College
*Clinton Community College
College of Southern Idaho
*Community College of Allegheny County
*Cuesta College
Des Moines Area Community College
*Dyersburg State Community College
El Centro College
Erie Community College – N. Campus
Gainesville College
Green River Community College
Highland Community College
Hudson Valley Community College
Jamestown Community College
*Jefferson Community College/DT
Kilgore College
Lorain County Community College
Mesa Community College
Miami-Dade Community College – S. Campus
Mid-Plains Community College
Minneapolis Community College
Mott Community College
*Navarro College
Normandale Community College
Northampton Community College
Oakton Community College
Paul Smith's College
Prairie State College
*Salt Lake Community College
Schoolcraft College
Sinclair Community College
Southwest Texas Junior College
St. Louis Community College – Florissant Valley
*Stark Technical College
Tacoma Community College
*Texas State Technical Institute
Truman College
*Valley Forge Military Junior College
Walla Walla Community College
Western Nebraska Community College

Amarillo College
Arizona Western College
Black Hawk College
Brazosport College
*Butler County Community College
*Chandler-Gilbert Community College
*Clackamas Community College
*College of DuPage
*Colorado Northwestern Community College
Community College of Rhode Island
Cuyahoga Community College
Dodge City Community College
*East Georgia College
Elgin Community College
Essex Community College
Glendale Community College
Harford Community College
*Holy Cross College
Hutchinson Community College
Jefferson College
Johnson County Community College
Lewis & Clark Community College
Manatee Community College
*Metropolitan Community College
Miami-Dade Community College – North
Middle Georgia College
Monroe Community College
Mt. Hood Community College
New Community College of Baltimore
North Iowa Area Community College
*Norwalk Community College
Olympic College
Penn Valley Community College
Rogue Community College
San Jacinto College – Central Campus
Seattle Central Community College
South Suburban College
Southwestern College
St. Louis Community College – Forest Park
State Technical Institute at Memphis
Tarrant County Junior College – N.E. Campus
Triton College
*University College, University of Cincinnati
Victoria College
Walters State Community College
William Rainey Harper College

*Indicates new College Sponsors this year.

If your college would like to become a College Sponsor, contact:

Duane Sell
William Rainey Harper College
1200 West Algonquin Road
Palatine, IL 60067

or return a College Sponsor application form (see page 10) with \$25 to the above address.

**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.

117th 2YC3 MEMBERSHIP REPORT

Total Members as of 1992 - 490

Submitted by

Richard F. Jones

March 10, 1992

2YC₃ Membership Application

Name _____

College _____

College Address _____

Phone _____

Membership Information:

Are you a member of: ACS Yes No (Circle one)
 DivCHED Yes No (Circle one)

Are you a: _____ Two-year college teacher?
 _____ Four-year college teacher?
 _____ High School teacher?
 _____ Other

Please send your \$10.00 check, payable to 2YC₃ to:

Richard Jones
Sinclair Community College
44 West Third Street
Dayton, OH 45402

REPORT OF 2YC3 INDUSTRIAL SPONSORS

Current Industrial Sponsors to Date: 21

Quincy Specialities Company	D. C. Heath Company
Wilmad Glass Company	Ace Glass Inc.
Star Publishing Company	Fisher Scientific
Mettler Instrument Corporation	Chemical Education Research Inc.
Gow-Mac Instrument Company	Falcon Software
Chemlware Ltd.	Instruments for Research and Industry
McGraw Hill Book Company	Edovek Inc.
Micro Mole Scientific	Varian Chromatography System
Macmillian Publishers	Saunders College Publishing
Brooks-Cole Publishers	Ohaus Corporation
W. H. Freeman	

March 10, 1992

Submitted by
Patricia McCoy-Brown

TWO-YEAR COLLEGE CHEMISTRY CONFERENCE SITES

1991-92 ACADEMIC YEAR

117th Conference (Western Region)

**Preceding the ACS National Meeting, San Francisco, CA—April 5-10, 1992
In conjunction with Bay Area 2YC₃ and California Association of Chemistry Teachers**

**April 3-4, 1992—College of Marin, 835 College Avenue/Sir Francis Drake Kentfield (Marin County), CA 94904
(415) 485-9513 — 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: (510) 237-5401
Laurie O'Connor, Department of Chemistry, Chabot College,
25555 Hesperian Blvd., Hayward, CA 94545
OFFICE: (510) 786-6891; HOME: (510) 352-7974**

**Local Arrangements Co-Chairs: Lodging/Transportation: Dr. O.H. Bezirjian, Marin College
OFFICE: (415) 485-9515;
Campus Facilities: Dr. Lydia Bearden, Marin College
OFFICE: (415) 485-9517**

**Exhibits Coordinators: Book: Courtney Anderson,
Santa Rosa Junior College, Santa Rosa, CA 95401
OFFICE: (707) 527-4656
Instruments: Dr. Manus Monroe, Marin College, Kentfield, CA 95401
OFFICE: (415) 485-9514**

**Shipping Address: Receiving Department/College of Marin,
120 Kent Avenue, Kentfield, CA 94904-2590**

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**

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

Program Theme: **GENERAL CHEMISTRY CURRICULUM:**
Program Chair: Warren Eidsness, Normandale Community College
OFFICE: (612) 890-5466; HOME: (612) 832-6460
Local Arrangements Co-Chairs: Lodging/Transportation: Louise Mattila,
Minneapolis Community College, 50 Willow St.
Minneapolis, MN 55403 FAX: (612) 341-7075
OFFICE: (612) 341-7000; HOME: (612) 861-5435
Campus Facilities: Warren Eidsness,
OFFICE: (612) 890-5466; HOME: (612) 832-6460
Exhibits Coordinator:

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;
Anne Marie Kabanik
Shahid Jaiil, John Abbott College, P.O. Box 2000,
Ste Anne De Bellevue PQ H9X 3L9, Canada

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

124th Conference (Eastern)

**Oct. 1-2, 1993 – Bucks County Community College, Newtown, PA 18940

Contact Persons: Dr. Aktar Duttaahmed, Chairman, Science and Technology
Dr. Michael P. Lee

125th Conference (Southern)

****Nov. 19-20, 1993 – North Harris County Community College, 2700 W. W. Thorne, Houston, TX 77073
(713) 443-5773**

Contact Person:

Gene Whileyman

OFFICE: (713) 443-5773; FAX: (713) 443-5402

HOME: (713) 446-4486

126th Conference (Western)

****Mar. 10-11, 1994 – San Diego City College, San Diego, CA 92101**

Local Arrangements:

Jim Burton; (619) 230-2643

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

127th Conference (*Midwestern*)

****Apr. 15-16, 1994**

128th Conference (13th Biennial)

****Summer 1994 – Bucknell University, Lewisburg, PA 17837**

129th Conference (*Eastern*)

****Sept. 30 - Oct. 1, 1994**

130th Conference (Southern)

****Dec. 2-3, 1994 – Florida Community College – Kent Center, 3939 Roosevelt Blvd., Jacksonville, FL 32205**

Contact Person:

Wendel Massey; (904) 757-6441

131st Conference (Western)

****Mar. 31-Apr. 1, 1995 – Santa Fe Community College, Santa Fe, NM 87502-4187**

Contact Person:

Sterling Garwood; (505) 438-1304

****Indicates new or revised information.**

TENTATIVE

******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.******

CONFERENCE SUMMARY CALENDAR

January 22, 1992

ACADEMIC YEAR

1991-92	115th EASTERN Sept. 28-29, 1991 Arnold, MD	116th SOUTHERN Nov. 15-16, 1991 Wilmington, NC	117th WESTERN April 3-4, 1992 Kentfield, CA (ACS - San Francisco Apr. 5-10, 1992)	118th MIDWESTERN May 1-2, 1992 Dearborn, MI	119th (BIENNIAL) Aug. 2-6, 1992 Davis, CA
1992-93	120th SOUTHERN Oct. 2-3, 1992 Amarillo, TX	121st WESTERN Nov. 13-14, 1992 Gresham, OR	122nd MIDWESTERN Apr. 16-17, 1993 Bloomington, MN (ACS - Denver Mar. 28 - Apr. 2, 1993)	123rd EASTERN June 3-5, 1993 Warwick, RI	
1993-94	124th EASTERN Oct. 1-2, 1993 Newtown, PA	125th SOUTHERN Nov. 19-20, 1993 Houston, TX	126th WESTERN Mar. 10-11, 1994 San Diego, CA (ACS - San Diego Mar. 13-18, 1994)	127th *MIDWESTERN* April 15 -16, 1994 Lewisburg, PA	128th (BIENNIAL) Aug. 1994 Lewisburg, PA
1994-95	129th *EASTERN* Early Fall 1994	130th SOUTHERN Dec. 2-3, 1994 Jacksonville, FL	131st WESTERN Mar. 31- Apr. 1, 1995 Santa Fe, NM (ACS - Anaheim Apr. 2-7, 1995)	132nd *MIDWESTERN* Late Spring 1995	
1995-96	133rd *EASTERN* Early Fall 1995	134th *SOUTHERN* Late Fall 1995	135th WESTERN Mar. 22-23, 1996 (ACS - Seattle Mar. 24-29, 1996)	136th *MIDWESTERN* Late Spring 1996	137th (BIENNIAL) Summer 96
1996-97	138th *EASTERN* Early Fall 1996	139th *WESTERN* Late Fall 1996	140th SOUTHERN April 4-5, 1997 San Antonio (ACS-San Antonio April 6-11, 1997)	141st *MIDWESTERN* Late Spring 1997	

TENTATIVE

FOR YOUR INFORMATION

Who Are We?

by Richard Jones
2YC₃ Membership Chair

Last May a questionnaire was mailed to approximately 1,200 two-year colleges. The purpose of the questionnaire was two-fold: First, we wanted to bring 2YC₃ to the attention of the top administrators of two-year colleges. Second, we wanted to gather the information asked on the forms.

Because the primary purpose of the mailing was to inform the top administrators of two-year colleges about 2YC₃, the questionnaire was addressed to the President of the college. Included with the questionnaire were informational brochures, individual mem-

bership forms and college membership forms. The idea was for the President to pass the questionnaire down the hierarchy to the chemistry department. Despite this inefficient means of getting the questionnaire to the chemistry department, we received 226 questionnaires back. (In case you are wondering, my own school did not respond!!!)

A second mailing of the questionnaire is being sent out to those schools that did not reply the first time. Here are some of the results from the first set of responses

Location of College:

Urban:	67
Suburban:	74
Rural:	86

Fall FTE of College:

0 to 1,999	101	47.4%
2,000 to 3,999	50	23.5%
4,000 to 5,999	19	8.9%
6,000 to 7,999	7	3.3%
8,000 to 9,999	5	2.3%
10,000 to 11,999	19	8.9%
12,000 to 14,000	5	2.3%
above 14,000	7	3.3%
TOTAL:	213	

Fall FTE of Chemistry

0 to 19	6	3.6%
20 to 39	25	15.0%
40 to 59	28	16.8%
60 to 79	18	10.8%
80 to 99	13	7.8%
100 to 119	15	9.0%
120 to 139	11	6.6%
140 to 159	15	9.0%
160 to 179	3	1.8%
180 to 199	7	4.2%
200 to 219	7	4.2%
above 219	19	11.4%
TOTAL	167	

Number of Full-Time Chemistry Faculty:

One:	92	39.3%
Two:	68	29.0%
Three:	26	11.1%
Four:	18	7.7%
Five:	10	4.3%
Six:	9	3.8%
Seven:	3	1.3%
Eight:	2	0.8%
Nine:	3	1.3%
Ten:	1	0.4%
Eleven:	1	0.4%
Twelve:	1	0.4%

Full-Time Chemical Technician:

Yes:	72	31.4%
No:	157	68.6%

Degrees Held By Chemistry Faculty:

Doctorate:	246	43.8%
Masters:	295	52.6%
Bachelors:	20	3.5%

Racial Background of Chemistry Faculty:

Afro-American:	14	2.6%
Hispanic:	6	1.1%
Asian:	37	6.8%
Caucasian:	474	87.4%
Other:	11	2.0%

Sex of Chemistry Faculty:

Male:	400	74.1%
Female:	140	25.9%

2YC₃ ADVISORY BOARD, REGION I - WESTERN STATES: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

PROGRAM CHAIRS - 1992

Elizabeth Armstrong
Canada College
Redwood City, CA 94061
(415) 306-3291

Laurie O'Connor
Cabot College
Hayward, CA 94545
(510) 786-6891

REGIONAL CHAIR

Alan Kruse (1993)
Pima Community College
2202 West Anklam Road
Tucson, AZ 85709
(602) 884-6031

Albelo, Gilbert
Mt. Hood Community College
26000 S.E. Stark Street
Gresham, OR 97030
(503) 667-6422

(1993)

Peter, James R. (1993)
Cerritos Community College
11110 E. Alondra Blvd.
Norwalk, CA 90650
(213) 860-2451

Chase, Jody
NSF-HRD
1800 G Street NW
Washington, DC 20550

(1994)

Romer, Christine (1994)
Cerritos Community College
11110 E. Alondra Blvd.
Norwalk, CA 90650
(213) 860-2451

Hubbs, Robert
DeAnza College
Cupertino, CA 95014
(408) 996-4774

(1994)

Scott, Peter (1992)
Linn-Benton Community College
6500 SW Pacific Blvd.
Albany, OR 97321
(503) 928-2361

Hubscher, Arthur
Ricks College
Rexburg, ID 83460-0500
(208) 356-1930

(1994)

Sherman, Ruth (1992)
Los Angeles City College
855 N. Vermont Avenue
Los Angeles, CA 90029
(213) 669-4223

Lungstrum, Richard A.
American River College
Sacramento, CA 95841
(916) 484-8464

(1992)

Wasserman, William (1994)
Seattle Central Community College
1701 Broadway
Seattle, WA 98122
(206) 587-3858
(Site-Selection
Committee Member) (1994)

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 - 1993

(June 3-5, 1993)

Harry Hajian and
Tom Whitfield
Community College of Rhode Island
400 East Avenue
Warwick, RI 02886-1805
(401) 825-2257 or 2012

(Oct. 1-2, 1993)

Dr. Aktar Duttaahmed
and Dr. Michaeleen P. Lee
Bucks County C.C.
Newton, PA 18940

Shahid Jalil
John Abbott College
P.O. Box 2000
Ste Anne De Bellevue PQ H9X 3L9, Canada

REGIONAL CHAIR

Sridharan Iyengar (1993)
Anne Arundel Community College
101 College Parkway
Arnold, MD 21012
(301) 541-2266

(Site-Selection Committee Member) (1993)

Cherim, Stan (1994)
Delaware County Community College
Media, PA 19063
(215) 353-5400

Stumpf, Dorothy (Dotty) (1992)
Middlesex Community College
Springs Road
Bedford, MA 01730
(617) 275-8910, Ext. 280

Jones, Rudolph B. (1994)
Essex County College
303 University Avenue
Newark, NJ 07102
(201) 877-3291

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

Kanter, Muriel (1993)
130 Rosseter Street
Dorchester, MA 02121
(617) 734-1960

Turner, Raymond (1994)
Roxbury Community College
1234 Columbus Avenue
Roxbury Crossing, MA 02120-3400
(617) 541-5317

Katz, David (1993)
Community College of Philadelphia
1700 Spring Garden Avenue
Philadelphia, PA 19130
(215) 751-8000

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

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

Zdravkovich, Vera (1994)
Prince Georges Community College
301 Largo Road
Largo, MD 20772-2199
(301) 322-0432

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

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

PROGRAM CHAIR - 1992

Joseph Maguire
Henry Ford Community College
5101 Evergreen
Dearborn, MI 48128-1495
(313) 845-9724

REGIONAL CHAIR

Martha Brosz (1992)
Cincinnati Technical College
3520 Central Parkway
Cincinnati, OH 45223
(513) 569-3029

Advani, Roma (1993)
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202 S. Halsted Street
Chicago Heights, IL 60411
(708) 709-3604

Kock, Frank (1994)
Bismarck State College
1500 Edwards Avenue
Bismarck, ND 58501
(701) 224-5423

Banks, Lavoir (1994)
Elgin Community College
1700 W. Spartan Avenue
Elgin, IL 60123
(708) 697-1000, ext. 320

Neff, David (1993)
Jefferson Community College
109 East Broadway
Louisville, KY 40202
(502) 584-0181

Eidsness, Warren (1992)
Normandale Community College
9700 France Avenue, S.
Bloomington, MN 55431
(612) 830-9300

Redmore, Fred (1993)
Highland Community College
Freeport, IL 61032
(815) 235-6121, Ext. 331

Johnson, Cullen (1993)
Cuyahoga Community College-East Campus
4250 Richmond Road
Warrensville Twp., OH 44122
(216) 987-2237

Weierich, Andre J. (1992)
Southeast Community College
Cumberland, KY 40823
(606) 589-2145

Kenkel, John (1994)
Southeast Community College-Lincoln
8800 "O" Street
Lincoln, NE 68520
(402) 471-3333
(Site-Selection Committee Member) (1993)

Winklemann, John (1993)
Illinois Valley Community College
2578 E. 350th Road
Oglesby, IL 61348-1099
(815) 224-2720

2YC₃ ADVISORY BOARD, REGION II - SOUTHERN STATES: Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas

PROGRAM CHAIR - 1992

Jerry Foster, Chair
 Physical Science Department
 Amarillo College
 P.O. Box 447
 Amarillo, TX 79178
 (806) 371-5327

REGIONAL CHAIR

Ann Cartwright (1991)
 San Jacinto College-
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 8060 Spencer Hwy.
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(Site-Selection Committee Member) (1993)

Alley, Peggy (1992)
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 P.O. Box 447
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 Decatur, AL 35620
 (205) 353-3102

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 Raymond, MS 39154-0999
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 5840 26th Street W.
 Bradenton, FL 33506
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 (803) 572-6159

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Bell, Helen (1994)
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 Miami-Dade Community College-So. Campus
 11011 SW 104th Street
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 2700 W. W. Thorne Drive
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 411 N. Front Street
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 (919) 343-0481, ext. 263

White, Carol L. (1993)
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 U.S. Highway 29 North
 Athens, GA 30610-0399
 (404) 542-8050

Fowler, Art (1992)
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 Madisonville, TN 37354
 (615) 442-2520, ext. 280

(Assistant Industrial Sponsors Chair) (1993)

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Ralph Burns
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St. Louis Community College-Meramec
11333 Big Bend Blvd.
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John Clevenger
NSF USEME
1800 G Street NW
Washington, DC 20550

Elliott Greenberg (retired)
203 Berry Street
Park Forest, IL 60466
Home: (708) 748-9327

CONFERENCE PROGRAM



KENTFIELD, CA 94904

**117th Two Year College Chemistry Conference
In Conjunction with Bay Area 2YC₃ and California
Association of Chemistry Teachers
Preceding the 203rd National ACS Meeting, April 5-10,
San Francisco California**

**College of Marin
835 College Avenue/Sir Francis Drake
Kentfield, CA 94904**

Friday, April 3 and Saturday, April 4, 1992

- Located at the corner of Sir Francis Drake Blvd. (off US-101) and College Ave., Kentfield, Marin County
- 20 km/12 miles N. of Golden Gate Bridge; 4 km/3 miles W. of Richmond-San Rafael Bridge
- 45 minute drive from downtown Civic Center Plaza in San Francisco; 15 minute drive from Richmond-San Rafael Bridge

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: (510) 237-5401; FAX: (510) 237-5407

Laurie O'Connor, Department of Chemistry, Chabot College,
25555 Hesperian Blvd., Hayward, CA 94545;
Office: (510) 786-6891; Home: (510) 352-7974

Local Arrangements
Co-Chairs:

Lodging/Transportation: **O.H. Bezirjian**, College of Marin
Office: (415) 485-9515

Campus Facilities: **Lydia Bearden**, College of Marin
Office: (415) 485-9517

Exhibits Coordinators:

Books: **Courtenay Anderson**, Santa Rosa Junior College,
Santa Rosa, CA 95401; Office: (707) 597-4656

Instruments: **Manus Monroe**, College of Marin,
Kentfield, CA 94904; Office: (415) 485-9514

Shipping Address:

Receiving Department/College of Marin,
120 Kent Avenue, Kentfield, CA 94904-2590

Friday, April 3, 1992

9:00 - 4:00

Registration, exhibits, refreshments

9:30 - 10:30

COCTYC Advisory Board Meeting
Ed Heath, Chair, COCTYC, presiding
(Open to all interested persons)

10:30 - 11:00

Opening Ceremonies and Welcome
Ed Heath, Chair, COCTYC
Myrna Miller, President, College of Marin

11:00 - 11:45

INVENTION: Teaching Computers to Invent Chemicals
W. Todd Wipke, University of California, Santa Cruz, CA

CONFERENCE PROGRAM

11:45 - 1:00	BOX LUNCH AND EXHIBITS
1:00 - 1:45	<i>Can Interactive Videodisk Instruction Meet the Needs of Chemistry Students?</i> Loretta Jones, University of Illinois, Urbana-Champaign, IL
1:45 - 2:30	<i>Probing Laboratory Learning with Small-Scale Experiments</i> Lucy T. Pryde, Southwestern College, Chula Vista, CA
2:30 - 3:00	COFFEE BREAK AND EXHIBITS
3:00 - 3:45	<i>Real Experiments on a Small Scale in General Chemistry</i> Jerry Bell, Simmons College, Boston, MA
3:45 - 4:30	<i>Chemistry by Open Learning</i> Alan Davis, Open University, Vancouver, British Columbia, Canada
4:30 - 5:00	<i>Assessing the Assessment Environment – New Directions for the ACS Examinations Program</i> I. Dwaine Eubanks, ACS DivCHED Examinations Institute, Oklahoma State University, Stillwater, OK
5:00 - 6:00	EXHIBITS
	SHUTTLE BUS TRANSPORTATION TO BANQUET
6:00 - 7:00	SOCIAL HOUR (Cash Bar) Best Western Corte Madera Inn
7:00 - 9:00	BANQUET Best Western Corte Madera Inn
	BANQUET ADDRESS: <i>Science Education: Current Challenges and Opportunities</i> Glenn A. Crosby Washington State University, Pullman, WA

Saturday, April 4, 1992

8:30 - 3:00	Registration, coffee, exhibits
9:00 - 9:45	<i>A Visual Interpretation of Chemical Reactivity</i> Dave Bolton, CAChe Group, Tektronix Inc., Beaverton, OR
9:45 - 10:30	<i>Computer Visualization in Organic Chemistry</i> Orville L. Chapman, UCLA, Los Angeles, CA
10:30 - 10:50	COFFEE BREAK AND EXHIBITS
10:50 - 11:35	A. The San Mateo County Biotechnology Education Partnership: Bringing Modern Science to the Classroom Suzanne Black, Aragon High School, San Mateo, CA and Kathy Liu, Westmoor High School, Daly City, CA
	B. Hands-on Workshop: Visual Interpretation of Chemical Reactivity Dave Bolton, CAChe Group, Tektronix Inc., Beaverton, OR

CONFERENCE PROGRAM

- 11:35 - 12:20 *Chemistry for Kids: The Community College's Responsibility*
Herb Bryce, Seattle Central Community College, Seattle, WA
- 12:20 - 1:20 **BOX LUNCH AND EXHIBITS**
- 1:20 - 2:05 *Modern NMR Instruction*
Arlene A. Russell, UCLA, Los Angeles, CA
- 2:05 - 2:50 *Using Research in Science Education to Construct Understanding
of Learning and Teaching Processes*
Eileen Lewis, Canada College, Redwood City, CA &
SESAME Program, University of California, Berkeley, CA
- 2:50 - 3:05 Closing Remarks
- Special Saturday Workshop: Registration Limited to 30 Persons
Please Pre-Register**
- 11:35 - 2:50 *Successful NSF Grant Writing for Two Year Colleges*
Curtis Sears, USEME Group, NSF, Washington, D.C.
and
John Clevenger, Truckee Meadows Community College, Reno, NV
(Lunch Break 12:20 - 1:20)