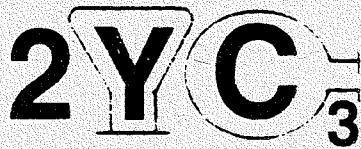


WE ARE IN THE MIDDLE:
HIGH SCHOOL - COMMUNITY COLLEGE - UNIVERSITY INTERFACING



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

April 7-8, 1989
North Lake College
Irving, Texas

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGES
 Division of Chemical Education, Inc.
 American Chemical Society
 1989 Roster of Committee Members

Chair	John Clevenger, Truckee Meadows Community College, 700 Dandini Blvd., Reno, NV 89512 (702) 673-7221	(1991)
Immediate Past Chair	Ralph Burns, St. Louis Community College-Meramec 11333 Big Bend St., St. Louis, MO 63122 (314) 966-7718	(1992)
Chair-Elect	Elliott Greenberg, Prairie State College, 202 S. Halsted St., Chicago Heights, IL 60411 (312) 748-9327	(1990)
Treasurer/ College Sponsors	Duane Sell, William Rainey Harper College, 1200 West Algonquin Rd., Palatine, IL 60067 (312) 397-3000, Ext. 2408	(1991)
Membership Chair	Mike Knoll, Vincennes University Junior College, Vincennes, IN 47591-9986 (812) 885-4259 (Second term expires 1989)	
Industrial Sponsors Chair	Leo Kling III, Faulkner State Junior College, Bay Minette, AL 36507 (205) 937-9581	(1990)
Past Chairs (Members of Executive Committee)	Edith Bartley, Tarrant County Junior College, South Campus, 5301 Campus Dr., Fort Worth, TX 76119 (817) 531-4754	(1991)
	Onofrio Gaglione, New York City Technical College, 300 Jay St., Brooklyn, NY 11201 (718) 643-8242	(1990)
	Jay Bardole, Vincennes University Junior College, Vincennes, IN 47591 (812) 885-4372	(1990)
	Tamar Y. Susskind, Oakland Community College, 2900 Featherstone Rd., Auburn Heights, MI 48507 (313) 853-4325	(1989)
	Katherine E. Weissmann, C.S. Mott Community College, 1401 East Court St., Flint, MI 48502 (313) 762-0279	(1991)
Other Past Chairs	Marion Baker, Douglas Bond, Paul Santiago, John P. Mitchell, William Griffin, Curtis Dhonau, Douglas Bauer (deceased), Cecil Hammonds, Ethelreda Laughlin, William T. Mooney, Jr.	

AGENDA
Committee on Chemistry in the Two-Year Colleges (COCTYC)
104th Conference
North Lake Collge, Irving, TX
Friday, April 7, 1989

- I. Introductions of Officers and Past Chairs
- II. Minutes from the 103rd Conference, Kansas City
 - Executive meeting minutes, page 3
 - Continuation of executive meeting, page 6
 - Approval of COCTYC minutes, page 9
- III. Reports
 - A. 1988 Chairman's Final Report to DivCHED - Ralph Burns, page 11
 - B. 103rd Conference (11/18-19, 88) at Kansas City, KS
 - C. 104th Conference (4/7-8) at Irving, TX - Weldon Burnham
Added Session: 1:00 pm Sat. Grants and Grant Writing
David Rowley, National Science Foundation and Jody Chase, COCTYC
 - D. 105th Conference (5/19-20) at Cerritos, CA
 - E. Membership - Mike Knoll, page 13
 - F. Treasurer - Duane Sell, page 15
 - G. College Sponsors - Duane Sell, page 19
 - H. Industrial Sponsors - Leo Kling III, page 25
 - I. Future Meeting Sites - Elliott Greenberg, page 27
 - J. ACS Two-Year College Programs - Terri Nally, page 33
- IV. Old Business
 - A. Nominations for Chair-Elect 1991 Announcement, page 37
- V. New Business
 - A. Results and discussion of survey, Newsletter (Vol. 89-I), page 39
 - B. Guidelines survey, Newsletter (Vol. 89-II), page 44
 - C. Other new business
- VI. Announcements
 - A. Committee Roster, page 45
 - B. Other announcements
- VII. Self-introductions by those present
- VIII. Adjournment

COCTYC Executive Meeting
103rd Conference
Thursday, Nov. 17, 1988
Holiday Inn, Kansas City, Kansas

Members present: Jay Bardole, Edith Bartley, Ralph Burns, John Clevenger, Leo Kling, Mike Knoll, Duane Sell, Kathy Weissman.

Guests present: Curt Dhonau, Elliott Greenberg, Cecil Hammonds, Terri Nally - New Manager of ACS Office of College Chemistry.

The meeting was called to order by the Chair Ralph Burns at 7:20 P.M. The minutes of the Executive Meeting for the 102nd Conference in Pittsburgh, PA, were approved as distributed and printed in the agenda book, pages 3-5.

REPORTS:

Ralph Burns encouraged the reading of the Interim Report given at the Fall ACS Meeting in LA, August, 1988. The report is given in the agenda book, pages 10-11.

102nd Conference: Ralph Burns reported the program at Pittsburgh was on an excellent topic, Research in Learning Theory and Pre-College Education. While the presentations were excellent, the number attending was low, approximately 50 people.

103rd Conference: Dave Klein, Program Chair, reported 115 persons had pre-registered for the conference and he expected more would be registering on-site. Dave suggested that the topic "Demonstrations" be considered for a later conference in a different region. After his topic was released and a number of letters written to request speakers, he received a great response from persons wishing to address the topic. This he felt showed an interest which should be continued.

The ACS Committee on Computers in Chemical Education is making available a Computer Workshop on "Introduction to Hypercard". Ralph Burns encouraged the use of this ACS Committee as a source of workshop topics for later conferences.

CHAIR REPORTS:

TREASURER/COLLEGE SPONSORS: report printed on pages 14-22.

Duane Sell stated that 119 college sponsors had renewed for the 1988 year and to date 36 had paid for 1989. The expected 1988 sponsors should reach 120 by the end of the year.

MEMBERSHIP: report printed on page 12.

Mike Knoll reported that 221 persons had already renewed membership for 1989. This total membership should be increased after receiving the report from Pittsburgh.

INDUSTRIAL SPONSORS: report printed on pages 24-26.

Leo Kling stated that a packet of information regarding industrial sponsorship would be made available to any person requesting. Jay Bardole stated that a packet of this type would be excellent for 2YC3 members to present to salespersons who supply member colleges but are not now Industrial Sponsors.

ACS OFFICE OF TWO-YEAR COLLEGES: report printed on page 32.

Terri Nally requested that any Executive Member who did not receive the Agenda book prior to the 103rd Conference notify her. She discussed the NSF Workshop of Two-Year Colleges held Oct. 31, '88 to Nov. 1, '88 with 32 invited participants. From this workshop will come recommendations concerning NSF programs which will encourage two-year applications. One item of specific interest was the fact that the topics of 7 of the 8 scheduled different workshops pertained to specific disciplines whereas this workshop was directed at an educational institution - The Two-Year College.

Terri also presented a formal request for money to support the publication of the Distillate and for this year the mailing of the Guidelines.

Kathy Weissman moved that \$2000 be sent to the ACS Office -- \$800 for the mailing of two issues in 1988 of the Distillate and \$1200 for the mailing of the Guidelines. Leo Kling seconded the motion. The vote for the motion was unanimous. Next year the request should be for just the mailing of three issues of the Distillate which should be between \$1000 and \$1200.

Also contributed at this time was the information concerning SAT scores from the Education Testing Services in Princeton, NJ. The higher scores received in Science were shown by students who had more laboratory experiences and math. Ralph Burns requested that this specific information be passed on to Audry Champaigne from AAAS in Washington, D.C. Ms. Champaigne in the Friday evening discussion group in Pittsburgh had stated that a trend away from laboratory experiences was being considered for high schools and possibly in undergraduate courses later.

CHAIR POSITIONS AVAILABLE:

Ralph Burns stated that he had received only one nomination for the position of Chair-Elect 1990. The nominee is Margot Schumm from Montgomery College, Rockville, Maryland. Her qualifications will be sent to all Executive Members prior to the voting.

Also reported was the information that three persons had made requests for submission of their application for the Membership Chair Position. The deadline for this request is December 31 as stated in the Call For Nominations. (page 34 of Agenda book) Since only one person has been nominated for the Chair-Elect position, Edith Bartley moved that only one ballot be sent by the 1988 Chair, Ralph Burns, to the Executive Members prior to the second Spring Meeting. This ballot for both the Chair-Elect and Membership Chair would be opened at the Executive Meeting for the Second Spring Meeting. Duane Sell seconded the motion and the vote for was unanimous. The nominations received for the Membership Chair will be discussed at the first Spring Meeting in Dallas, Texas, April, 1989.

Mike Knoll did point out that the duties listed for Membership Chair (p. 34) item h has been transferred to the College Sponsor Chair as of 1989. Another item was the change in the membership form application to indicated membership in ACS and DivChed.

Kathy Weissmann suggested that the Membership Chair investigate the possibility of mailing renewal notices by bulk mail.

OLD BUSINESS:

Duane Sell presented the 1989 Annual Budget. Clarification for the budget item for \$250/yr for the Biennial Chair Travel was given that in odd numbered year's the amount will be carried over to be used for the Biennial Conference in even-numbered years for the total amount of \$500. The item Office Expenses was meant to include expenses such as large mailings (Membership), printing of checks, new letterheads, etc. Leo Kling moved to accept the proposed budget. Edith Bartley seconded. The vote was unanimous.

Elliott Greenberg stated that the Conference Planning Workshop for new program chairs would be presented Saturday (Nov. 19) from 3:30 to 5:00 P.M.

Ralph Burns announced the newly appointed members of the Site Selection Committee. The Chair of this committee will be the current Chair-Elect. For the 1989 year, the chair will be Elliott Greenberg. The members are:

Eastern Region	- Dick Gaglione
Midwestern Region	- Richard Jones
Southern Region	- Ed Heath
Western Region	- Bill Wasserman

Discussion followed resulting in the suggestion that this committee have 4 persons, one from each region, with 4-year terms on a rotating basis. The determination of this original committee members' terms of 1-year, 2-year, 3-year, or 4-year is to be determined later. Duane Sell moved the acceptance of these four persons with the understanding that in the event a member of this committee is elected to an Executive Office Position, he/she will be replaced by another person from the same region. John Clevenger seconded and the motion passed unanimously. Jay Bardole moved that the term for Site Selection Committee Members be four years. Duane Sell seconded and the motion carried.

John Clevenger gave the changes in the Future Site Report (pp. 28-31)

109th: Date is June 15-16, 1990 for this joint 2YC3 and C3 Meeting. Concern about this joint meeting was expressed regarding expenses. Edith Bartley was requested to send a statement to John Clevenger regarding agreements with C3 made in St. John's Newfoundland in June, 1987.

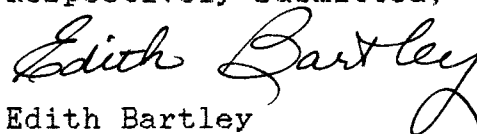
112th: Date is tentative for November, 1990. This meeting will be held at Atlantic Community College, Mays Landing, NJ. The contact person will be Ed Zoranski, Atlantic CC, Mays Landing, NJ, 08330.

120th: Tentative date is October 2-3, 1992, in Amarillo, Texas.

Prior to adjournment Ralph Burns requested that all members attend the Saturday evening (Nov. 19) continuation of the Executive Committee Meeting. A separate set of minutes will be written stating the subjects discussed and the comments made regarding these subjects.

The Executive Committee was adjourned at 10:20 P.M.

Respectively submitted,


Edith Bartley

CONTINUATION OF
COCTYC EXECUTIVE COMMITTEE MEETING
103rd CONFERENCE
Saturday, Nov. 19, 1988

Holiday Inn, Kansas City, KS

Members present: Edith Bartley, Ralph Burns, John Clevenger, Leo Kling, Duane Sell, Kathy Weissmann

Guests present: Elliott Greenberg, Cecil Hammonds, Terri Nally

CALL TO ORDER: Ralph Burns, Chair, called the meeting to order at 7:42pm.

The committee agreed to continue through as many items of new business as possible and to set an adjournment time of 10:00 pm

NEW BUSINESS

Ideas for a new proposal for "Undergraduate Faculty Enhancement" Grant Duane Sell had distributed a list of ideas for a 2YC₃ Faculty Enhancement grant which stated that Harper College had agreed to do the primary writing and administer this grant for 2YC₃.

Suggested subjects were:

- A. Instruments-to assist two-year faculty in use of modern instrumentation.
- B. Writing Techniques-to improve writing skills for; design and development of laboratory experiments, grant applications, journal publication, and textbooks.
- C. Computer interfacing and related graphics programs.

Duane stated that he had gotten responses from instrument companies near Harper College that they would do training on their instruments a reduced costs. He suggested a general model similar to the proposal submitted last year. Workshop participants would come to Harper College, learn instrumentation during the day and write materials using Harper's word-processing facilities during the evening. Participants would agree to run training sessions at our future conferences.

Duane was encouraged to proceed with the instrumentation workshop proposal and contact others for help as necessary.

Consideration of a possible Newsletter editor and publication location.

John Clevenger suggested that we consider establishing a Newsletter editor and publication location. He said that it will become increasingly difficult for each Chair's college to pickup the expense of publication and mailing and that we might consider this as a continuation of our outreach efforts. One suggestion is that 2YC₃ would fund the production of the Newsletter at a permanent location and the editor would be a member of the executive committee. This could be a revival of the secretary/editor position.

There was considerable discussion of this idea. Elliott said that we need to consider various formats and their costs. He has started this since 2YC₃ will be paying the Newsletter costs during his term as Chair. Leo suggested that we might stop publishing a separate Newsletter and consider a joint publishing effort with the 2YC Distillate. Terri agreed this was a possibility through her office. The Distillate might be increased to four issues and increased in size to include our conference agendas. We would also need to consider the political implications and ramifications within ACS.

It was decided to consider this, with additional information, at the next executive meeting. Terri would find out about costs and implications at ACS. Elliott would get additional cost estimates. Other members are to consider additional ideas and suggests and bring them to the next meeting.

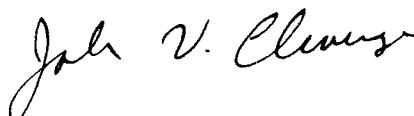
Passing It On: Maintaining a Continuity of Officers Duties Kathy Weissman pointed out that much of this is spelled out in our Policies and Procedures. There was general agreement, but there hadn't always been good distribution of the P&P and they hadn't always been followed as closely as they might have been. Duane said that if he could get a copy of the P&P, he would enter it into his computer and distribute a good copy to everyone.

Motion, Duane Sell, Second, Edith Bartley. Each executive committee member should: (1) Consider possible revisions that may be necessary to the Policies and Procedures (2) Compile list of suggestions, hints, and records that need to be passed on to the next person in that office. These should be brought to the next executive meeting. Motion passed unanimously.

Mechanism for the Involvement of the Entire COCTYC There was general discussion of ways to enhance the involvement of the entire committee and the individual faculty in 2YC₃. Some suggestions were: to revive the subcommittee structure, as we have done with the Conference sites; that we seek wide distribution of the Agenda books; that we establish a Chair-Elect nominating committee, that we look closely at the survey results from the last the Vol. 89-I Newsletter, and that perhaps we survey the COCTYC. It was decided that: (1) the Agenda book would be mailed to all the COCTYC from the ACS, Office of College Chemistry. (2) the Chair send the Newsletter to the executive committee with the general, bulk mailing, rather than with the agenda for the executive meeting, which is mailed later. (3) each member of the Executive committee bring written comments to the next meeting about {a} What are we doing right? {b} What are we doing wrong? {c} What should/can we change?

ADJOURNMENT: The executive committee adjourned at 10:30 pm.

Respectfully submitted,



John V. Clevenger
1988 Chair-Elect

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE
103rd CONFERENCE
KANSAS CITY KANSAS COMMUNITY COLLEGE
Friday, November 18, 1989

ATTENDANCE: There were 42 in attendance at the meeting.

OPENING: Ralph Burns, Chairman, called the meeting to order at 9:35 am and then introduced members of the executive committee.

MINUTES: Minutes of the Executive Committee at the 101st Conference are shown on pages 3-5 of the agenda book. Minutes of the Committee meeting for the 101st Conference were approved as printed in the agenda book, pages 7-8.

REPORTS:

Ralph Burns said that his Interim Report given, given at the Fall ACS Meeting in LA, August, 1988, was on pages 10-11 of the agenda book.

102nd Conference: Ralph Burns reported that the conference had an excellent theme and presentations, but the attendance was somewhat low; approximately 50 people.

103rd Conference: Dave Klein, Program Chair, reported that 120 people had registered including an additional 20 -30 high school teachers. The conference appears to be starting off well with a great interest in the topic of "Demonstrations".

104th Conference: Edith Bartley reported that the conference location in Irving, TX is very convenient for arrival by car or from the DFW airport. Weldon Burnham, Program Chair, is putting together an excellent conference around the dual themes of Hazardous Waste Management and High School-Community College-University Interfacing.

Membership: Mike Knoll referenced the report printed on page 12 of the agenda book. He reported that there were now 252 renewals for 1989 and that we had 565 for 1988.

Treasurer/College Sponsors: Duane Sell referred to the report on pages 14-22. He stated that we had 119 college sponsors for 1988 and to date 36 had renewed for 1989. The list of 1988 college sponsors is shown on pages 17-22 of the agenda book.

Industrial Sponsors: Leo Kling stated there were 31 industrial sponsors through the last fiscal year. These are listed on pages 24-26 of the agenda book. We have 18 paid so far in this fiscal year.

Future Meeting Sites: John Clevenger referred to pages 28-31 of the agenda book and gave some changes. The dates for the 109th, a joint meeting of 2YC₃ and C₃ are June 15-16, 1990. A tentative date and time for the 112th is November, 1990 at Atlantic Comm. Coll., Mays Landing, NJ.

POLICIES AND PROCEDURES:

Nominations for Membership Chair: Ralph Burns referred to page 34 of the agenda book requesting nominations for Membership Chair.

OLD BUSINESS:

John Clevenger reported that the 2YC₃ grant proposal to the NSF Undergraduate Faculty Enhancement Program was not funded, but that Duane Sell was coordinating and writing another proposal. He also encouraged faculty to submit grants to the NSF Instrumentation and Laboratory Improvement Program.

Elliott Greenberg reminded people of the Conference Planning Workshop to be presented Saturday (Nov. 19) from 3:30 to 5:00 pm.

NEW BUSINESS:

Ralph Burns expressed the feelings of the executive committee that we need to encourage more active involvement in the activities and planning of the organization. He encouraged those present to contact the officers with their ideas and suggestions.

ANNOUNCEMENTS:

Ralph Burns stated that a revised Roster of 1988 COCTYC members was shown on pages 36-39 of the agenda book.

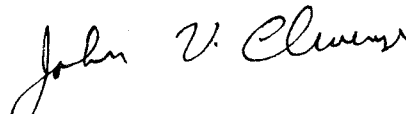
SELF INTRODUCTIONS:

Ralph Burns asked those present to introduce themselves and give the school affiliation.

ADJOURNMENT:

The meeting was adjourned at 10:30 am.

Respectively submitted,



John V. Clevenger
1988 Chair-Elect

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGES
ACS Division Of Chemical Education, Inc.

1988 ANNUAL REPORT
Ralph A. Burns, 1988 Chair

This report summarizes news information and conferences conducted by the Committee on Chemistry in the Two-Year Colleges (COCTYC) during 1988. The COCTYC has continued to support DivCHED and the improvement of chemical education by:

- Planning and promoting five Two-Year College Chemistry Conferences (2YC₃).
 1. The 99th 2YC₃, held March 11-12, 1988 at American River College, Sacramento, CA.
 2. The 100th 2YC₃ held jointly with the 15th C₃ (College Chemistry Canada), June 1-4 in Toronto at Seneca College, North York, Ontario.
 3. The 101st 2YC₃ held jointly with the Tenth Biennial Conference on Chemical Education, July 31-August 4 at Purdue University.
 4. The 102nd 2YC₃ held October 14-15, 1988 at the Community College of Allegheny County, Pittsburgh, PA.
 5. The 103rd 2YC₃ held November 18-19, 1988 at Kansas City Kansas Community College.

These conferences, like those held previously, were spread across all geographic regions of the country to facilitate maximum participation at a minimal cost for approximately 490 two-year college faculty who attended.

- Continuing to provide financial support to the ACS Office of College Chemistry for publication and mailing of the Distillate to all 2-year colleges.
- Encouraging membership in the Division of Chemical Education and participation in its programs and activities through 2YC₃ Newsletter information.
- Participating actively in the Society Committee on Education (SOCED) Task Force on ACS Involvement in the Two-Year Colleges. Eight 2-year college representatives participated in Task Force meetings held in Toronto, Los Angeles, and a special meeting held at the ACS Belmont Conference Center.
- Publishing four editions of the 2YC₃ Newsletter and distributing over 2000 copies of each edition to 2YC₃ members and to each two-year college. (These costs were gladly paid by the 2YC₃ Chairman's college.)
- Providing information--through the 2YC₃ Newsletter--regarding current and future conferences, publications such as the "Guidelines," officers names and addresses, NSF grant deadlines, DivCHED membership, 2YC₃ membership, and other news items of general interest to the membership.
- Working to increase the number of 2YC₃ members, college sponsors, and industrial sponsors. In 1988 there were 612 paid 2YC₃ members, 119 College Sponsors (an increase of 10 over the previous year), and 31 Industrial Sponsors (including 4 new sponsors).

Election Information. Elliott Greenberg of Prairie State College, Chicago Heights, IL was elected to the position of 1989 Chair-Elect; he will serve as COCTYC Chair in 1990. Jay Bardole of Vincennes Univ. Junior College, Vincennes, IN was elected to serve on the SOCED Task Force on Two-Year Colleges. Nominations for 1990 Chair-Elect and Membership Chair have been received and will be

acted upon at the spring meetings.

Finances. The breakdown of income and expenses by category provides a profile of how funds are obtained and dispersed. (No 2YC₃ funds were used to pay any of the colleges or speakers for expenses incurred for 1988 conferences.)

<u>Income</u>		<u>Expenses</u>	
Membership Dues	34.1%	Executive Comm. Travel	
Industrial Sponsors	16.2%	and Office Expenses	69.0%
College Sponsors	15.0%	Meeting Expense	12.7%
DivCHED	14.1%	Outreach: Distillate	
Meetings	11.8%	Printing and Mailing	18.3%
Interest	8.8%		

Meeting Highlights. The 99th Conference in Sacramento, CA had a record attendance of some 180 participants. Highlights included an opening address by Dr. Victor T. Lee of the IBM-Almaden Research Center at San Jose, CA who reviewed advances in the field of superconductors, and a banquet address by Dr. Glenn T. Seaborg, Nobel Laureate and Chairman of the Lawrence Hall of Science at Berkeley, CA who summarized his work with "The Transuranium Elements." Other topics: instrumentation, hazardous substances in the lab., and views of textbook authors.

The 100th Conference was held jointly with C₃ (College Chemistry Canada) at Seneca College in Toronto. The 4-day conference brought together approximately 200 participants from Canada and the U.S. Dr. Murray Morello, and his colleagues from Seneca College set a standard of excellence that will be hard to match. Highlights included a tour of the Ontario Science Centre and presentations by Clayton Callis, ACS President Elect, Irwin Talesnick, and Ronald Gillespie.

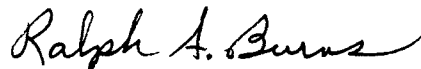
The 101st Conference was held jointly with The Tenth Biennial Conference on Chemical Education at Purdue University. The conference was well attended by two-year college faculty who also presented several papers and demonstrations. Besides selling "Chemistry Stamp" pins, volunteers handed out 2YC₃ fortune cookies, helium-filled 2YC₃ balloons, 2YC₃ stickers, and tickets for prizes.

The 102nd Conference was held at the Comm. College of Allegheny Co., Pittsburgh, PA with papers and workshops dealing with "Developments in Learning Theory and Pre-College Education." Audrey Champagne of AAAS delivered the keynote address, "Learning Research and Science Teaching." Gilbert Twiest of Clarion University conducted an excellent workshop on "Science Misconceptions and Concept Mapping."

The 103rd Conference held at Kansas City Kansas Community College was attended by 140 persons who heard 21 presentations on "Lecture Demonstrations" by Clark Bricker, David Brooks, Wilbert Hutton, William Robinson, and many others. There was also an "Introduction to Hypercard Workshop" conducted by Aled Lata.

Conference Planning Workshop. Late Saturday afternoon at the Kansas City Conference, Elliott Greenberg and the Executive Committee conducted a workshop to familiarize future conference program chairs and others with the details of planning good conferences.

Respectfully submitted,



Ralph A. Burns, 1988 2YC₃ Chair

1989 2YC3 MEMBERSHIP REPORT

Renewals - 406

New - 92

TOTAL - 498

TOTAL 1988 - 612

TOTAL 1987 - 680

Submitted by

Mike Knoll

17 March 1989

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

STATEMENT OF INCOME AND EXPENSE

FOR THE PERIOD OF 01/01/88 TO 12/31/88

	BEGINNING BALANCE	\$12309.46
	YEAR TO DATE	
	PERCENT	AMOUNT
INCOME		
DUES AND SPONSORS	79.4%	\$11267.50
Membership Dues	34.1%	4842.50
Industrial Sponsors	16.2%	2300.00
College Sponsors	15.0%	2125.00
Divched	14.1%	2000.00
MEETINGS	11.8%	\$ 1669.24
Jacksonville '87	2.2%	310.44
Lincoln '87	0.1%	14.00
Biennial	7.8%	1104.80
Pittsburgh	0.5%	70.00
Kansas City	1.2%	170.00
INTEREST	8.8%	\$ 1263.14
Checking Account	4.8%	685.66
Savings	4.0%	577.48
TOTAL INCOME	100.0%	\$14199.88
EXPENSES		
TRAVEL & OFFICE	69.0%	\$ 7487.83
Travel	60.9%	6612.08
Office & Postage	8.1%	875.75
MEETINGS	12.7%	\$ 1377.00
Purdue Biennial	3.9%	425.00
Lincoln '87	8.8%	952.00
OUTREACH	18.3%	\$ 2000.00
Distillate Postage	7.3%	800.00
Guidelines Postage	11.0%	1200.00
TOTAL EXPENSES	100.0%	\$10864.83
NET INCOME (LOSS)	23.5%	\$ 3335.05
	Transferred to CD's	\$ 4926.69
	CURRENT BALANCE	\$10717.82

There were 119 COLLEGE SPONSORS for 1988.

The "profits" of 1988 are a direct result of increased income and decreased spending by your executive committee. These "profits" are being set aside for the time when the 2YC₃ will need to pay for the NEWSLETTER printing and postage, which will be in the very near future.

Respectfully Submitted

Duane Sell

Duane Sell, Treasurer

COMMITTEE ON CHEMISTRY
IN THE TWO YEAR COLLEGE

ANNUAL BUDGET

JANUARY 1, 1989 - DECEMBER 31, 1989

INCOME

College Sponsors	3000.00	(based on 120 sponsors)
Industrial Sponsors	2700.00	(based on 27 sponsors)
Individual Memberships	6000.00	(based on 600 members)
DivChed	2000.00	
Interest	1100.00	
Meetings and Misc	0.00	

TOTAL INCOME 14800.00

EXPENSES

Chair Travel	2000.00
Chair Travel, ACS Fall Mtg	500.00
Past Chair Travel	850.00
Chair Elect Travel	850.00
Ind. Spon. Chair Travel	850.00
Treasurer Travel	850.00
Membership Chair Travel	850.00
2YC ₃ Rep-Task Force Travel	500.00
Biennial, Chair Travel	250.00
Newsletter, printing	1750.00
Newsletter, postage	800.00
Meetings	1000.00
Office Expense	1000.00
Outreach	2000.00
Contingency	750.00

TOTAL EXPENSES 14800.00

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

STATEMENT OF INCOME AND EXPENSE

FOR THE PERIOD OF 01/01/89 TO 2/20/89

	CURRENT PERIOD		YEAR TO DATE		
	RATIO	AMOUNT	RATIO	AMOUNT	
BEGINNING BALANCE					
					\$10717.82
INCOME					
DUES AND SPONSORS					
Membership Dues	39.0	450.00	39.0	450.00	
Industrial Sponsors	17.3	200.00	17.3	200.00	
College Sponsors	39.0	450.00	39.0	450.00	
Divched	0.0	0.00	0.0	0.00	
MEETINGS					
INTEREST					
Checking Account	4.7	53.64	4.7	53.64	
CD's	0.0	0.00	0.0	0.00	
TOTAL INCOME	100.0	\$ 1153.64	100.0	\$ 1153.64	11871.46
EXPENSES					
TRAVEL & OFFICE					
Travel	0.0	0.00	0.0	0.00	
Office & Postage	1.6	18.24	1.6	18.24	
MEETINGS					
TOTAL EXPENSES	1.6	\$ 18.24	1.6	\$ 18.24	
NET INCOME(LOSS)	98.4	\$ 1135.40	98.4	\$ 1135.40	

CURRENT BALANCE \$11853.22

To date there are 92 COLLEGE SPONSORS. Is your college a 2YC COLLEGE SPONSOR?

Respectfully Submitted

Duane Sell

Duane Sell, Treasurer

**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: (312) 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.

1989 College Sponsors
Active List

printed 02/21/89

Mr. W. H. Team
Amarillo College
P.O. Box 447
Amarillo, TX. 79178

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

Dr. Tom Maier
Atlanta Metropolitan College
1630 Stewart Ave.
Atlanta, GA. 30310

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

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

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

Mr. D. Buck
Cape Fear Technical Institute
411 N. Front Street
Wilmington, NC. 28401

Dr. Bruce McClelland
Central Oregon Community College
2600 NW College Way
Bend, OR. 97701

Dr. William Cheek
Central Piedmont Community College
P.O. Box 35009
Charlotte, NC. 28235

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

Mr. W.D. Griffin-CHM
College of Morris County
Route 10 and Center Grove Rds
Dover, NJ. 07801

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

Dr. Ray Seitz
Columbia Basin College
2600 N. 20th Ave.
Pasco, WA. 99301

Dr. Donald Hoster
Community College of Baltimore
2901 Liberty Heights Avenue
Baltimore, MD. 21215

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

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

Prof. C.J. Alexander
Des Moines Area Community College
2006 S. Ankeny Blvd
Ankeny, IA. 50021

1989 College Sponsors
Active List

printed 02/21/89

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

Sci/Math, Tech. Supv.
El Camino College
16007 Crenshaw Blvd
Torrance, CA. 90506

Mr. R.H. Logan, Jr.
El Centro College
Main and Lamar
Dallas, TX. 75202

Dr. Lavoir Banks
Elgin Community College
1700 Spartan Drive
Elgin, IL. 60123

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

Dr. Marvin J Albinak
Essex Community College
7201 Rossville Blvd
Baltimore, MD. 21237

Dr. Paul F. Calgher
Foothill College
12345 El Monte Rd.
Los Altos, CA. 94022

Dr. Martin VanDyke
Front Range Community College
3645 W. 112th Avenue
Westminster, CO. 80030

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

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

Dr. Edward C. Fohn
Green River Community College
12401 S.E. 320th Street
Auburn, WA. 98002

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

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

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

Mr. James J. Lagatta
Hudson Valley Community College
80 Vandenberg Ave.
Troy, NY. 12180

Prof. Robert Glynn
Hutchinson Community College
1300 N. Plum
Hutchinson, KS. 67501

Prof. John Henderson
Jackson Community College
2111 Emmons Rd.
Jackson, MI. 49201

Prof. Sam Crawford
Johnson County Community College
12345 College at Quivira
Overland Park, KS. 66210

Dr. P.Y. Rodriguez
Kilgore College
1100 Broadway
Kilgore, TX. 75662

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

1989 College Sponsors
Active List

printed 02/21/89

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 Community College, District #528
Rt. 14 at Lucas Rd.
Crystal Lake, IL. 60014

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

Mr. Larry Bray, Chem
Miami-Dade Comm. College-South Campus
11011 S.W. 104th St.
Miami, FL. 33176

Dr. William Husa, Jr
Middle Georgia College
Sarah Street
Cochran, GA. 31014

Mr. Tom Ofstad
Minneapolis Community College
1501 Hennepin Ave.
Minneapolis, MN. 55403

Mr. G. R. Nobile
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

Dr. Robert McDow
Nashville State Technical Institute
120 White Bridge Road
Nashville, TN. 37209

Mr. Onofrio Gaglione
New York City Technical College
300 Jay St.
Brooklyn, NY. 11201

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

Dr. Kenneth Wright
North Idaho College
1000 W. Garden Ave.
Coeur D'Alene, ID. 83814

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

Mr. Ron DiStefano
Northampton County Area Comm. College
3835 Green Pond Road
Bethlehem, PA. 18017

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

Dr. Jerry Maas
Oakton Community College
1600 E. Golf Road
Des Plaines, IL. 60016

1989 College Sponsors
Active List

printed 02/21/89

Prof Robert Kieburzt
Olympic College
16th and Chester
Bremerton, WA. 98310

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

Don Creek-Sci. 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. V. Zdravkovich
Prince George's Community College
301 Largo Rd.
Largo, MD. 20870

Dr. Anne Minter
Roane State Community College
Patton Lane
Harriman, TN. 37748

Mr. John Salinas
Rogue Community College
3345 Redwood Hiway
Grants Pass, OR. 97527

Mr. Dale Heuck
Sauk Valley College
Route 5
Dixon, IL. 61021

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

Prof. V. Bhat
Shoreline Community College
16191 Greenwood Ave. N.
Seattle, WA. 98133

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

R. Ernest Dear
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

Chemistry Dept Chair
St. Louis Community Coll.-Forest Park
5600 Oakland
St. Louis, MO. 63119

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

1989 College Sponsors
Active List

printed 02/21/89

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

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

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
Algonquin and Roselle Roads
Palatine, IL. 60067

REPORT
of
2YC3 Industrial Sponsors

Paid Industrial sponsors to date = 22

Respectfully submitted,

Leo Kling III

March 17, 1989

CONFERENCE SUMMARY CALENDAR

FEBRUARY 17, 1989

ACADEMIC
YEAR

104th(ACS)
(Southern)
Apr. 7-8, 1989
Irving, TX

105th
(Western)
May 19-20, 1989
Norwalk, CA

106th
(Midwestern)
Oct. 6-7, 1989
Louisville, KY

107th
(Southern)
Nov. 17-18, 1989
Gulfport, MS

108th(ACS)
(Eastern)
Apr. 20-21, 1990
Roxbury Crossing, MA

109th(Cs)
(Western)
June 15-16, 1990
N. Vancouver, BC

110th
(Biennial)
Aug 6-10, 1990
Atlanta, GA

111th
(Midwestern)
Oct. 5-6, 1990
Elgin, IL

112th
(Eastern)
Nov. 16-17, 1990
Mays Landing, NJ

113th(ACS)
(Southern)
Apr. 12-13, 1991
Clarkston, GA

115th

116th

117th(ACS)
(Western)
Apr. 3-4, 1992

118th

119th
(Biennial)
Aug. 1992

120th
(Southern)
Oct. 2-3, 1992
Amarillo, TX

121st

122nd(ACS)
(Midwestern)
Apr. 16-17, 1993

123rd

February 17, 1989

TWO-YEAR COLLEGE CHEMISTRY CONFERENCE SITES

105th CONFERENCE (Western Region)

**May 19-20, 1989 - Cerritos Community College, 11110 E. Alondra Blvd
Norwalk, CA 90650-9973**

Program Theme: CHEMICAL EDUCATION: HOW EFFECTIVE IS IT?

**Program Chair: Christine (Chris) Romer, Cerritos Community College
(213) 860-2451**

Local Arrangements Chair:

**James R. Peter, Chairman, Chem. Dept., Cerritos C.C.
(213) 860-2451**

Local Industrial Sponsors Coordinator:

**Mervat Zewail, Cerritos Community College
(213) 860-2451**

1989-90 ACADEMIC YEAR

106th CONFERENCE (Midwestern Region)

**Oct. 6-7, 1989 - Jefferson Community College, P.O. Box 1036,
Louisville, KY 40202 (Chem. Off. (502) 584-0181 Ext. 205)**

Program Theme: MIXING IT UP FOR THE 90'S

**1° Focus: Integrated/Interdisciplinary Approaches to
Chemistry**

**2° Focus: Development & Retention of Science (Chem)
Students**

3° Focus: New Laboratory Techniques & Concerns

**Program Chair: John Gibson, Jefferson Community College
(502) 584-0181 Ext. 263**

Local Arrangements Chair:

Patricia McCoy Brown, Jefferson Community College

Local Industrial Sponsor Coordinator:

**Nik Kakolesha, Elizabethtown C.C., Elizabethtown, KY 42701
(502) 769-2371**

107th CONFERENCE (Southern Region)

**Nov. 17-18, 1989 - Mississippi Gulf Coast Community College
Jefferson Davis Campus, Switzer Road,
Gulfport, MS 39507 (601) 896-3355**

Program Theme: POLYMER CHEMISTRY: ACADEMICS, INDUSTRY, and RESEARCH

**Program Chair: James M. Knight, Mississippi Gulf Coast CC
Office: (601) 896-3355 Ext. 144 Home: (601) 875-5884**

Local Arrangements Chair:

**Ed Decker, Mississippi Gulf Coast CC
Office: (601) 896-3355 Home: (601) 896-8377**

*** Local Industrial Sponsor Coordinator:**

**Janie Languirano, Mississippi Gulf Coast CC
Office: (601) 896-3355**

Comments:

**Excellent location near beach, motels, restaurants,
special rates. Near Gulfport/Biloxi airport; limosine
service possible to New Orleans Airport.**

February 17, 1989

108th CONFERENCE(Eastern Region)

(Preceding the ACS National Meeting, Boston, April 22-27, 1990)
Apr. 20-21, 1990-Roxbury Community College

1234 Columbus Ave, Roxbury Crossing, MA 02120-3400

Program Theme: TBA

Program Chair: Dorothy(Dotty) Stumpf, Middlesex Community College
Springs Rd., Bedford, MA 01730 (617) 275-8910 Ext 287

Local Arrangements Chair:

Dorothy Higgins, Roxbury Community College
(617) 541-5317

* **Local Industrial Sponsor Coordinator:**

Muriel Kanter,
HOME: 130 Rosseter St.
Dorchester, MA 02121
(617) 282-7139

OFFICE: Massachusetts General Hospital
Acute Care Laboratory
(617) 726-3856

109th CONFERENCE(Western Region)

(Tentative) **June 15-16, 1990-Capillano College, 2055 Purcell Way**
North Vancouver, BC V7T 3H5
(604) 986-1911

Program Theme: CHEMISTRY ON THE PACIFIC RIM

Contact Persons: William Wasserman, Seattle Central Community College
Seattle, WA 98122 (206) 587-4083

Penny LeCouter, Capillano College, North Vancouver

Local Arrangements Chair:

TBA

Local Industrial Sponsor Coordinator:

TBA

110th CONFERENCE

(In conjunction with the 11th Biennial Conference on Chemical Education)
Aug. 6-10, 1990 - Georgia Institute of Technology, Atlanta, GA

2YC₃ Program Chair:

Leo Kling III
Faulkner State Junior College
Bay Minette, AL 36507 (205) 937-9581

2YC₃ Booth Chair/Committee:

TBA

1990-91 ACADEMIC YEAR

111th CONFERENCE(Midwestern Region)

Oct. 5-6, 1990 -Elgin Community College, 1700 W. Spartan Ave.,
Elgin, IL 60123

Contact Person: Dr. Lavoir Banks, Elgin Community College
(312) 697-1000 Ext. 320

* **112th CONFERENCE(Eastern Region)**

Nov. 16-17, 1990-Atlantic Community College, Mays Landing, NJ 08330

February 17, 1989

113th CONFERENCE(Southern Region)

(Preceding the ACS National Meeting, Atlanta, GA, April 14-19, 1991)
**Apr. 12-13, 1991-DeKalb Community College, 555 N. Indian Creek Drive
Clarkston, GA 30021**
Contact Person: Judy Johnston (404) 299-4088

114th CONFERENCE

May 1991

1991-92 ACADEMIC YEAR

115th CONFERENCE

October 1991

116th CONFERENCE

November 1991

117th CONFERENCE(Western Region)

(Preceding the ACS National Meeting, San Francisco, April 5-10, 1992)
Apr. 3-4, 1992

118th CONFERENCE

May 1992

119th CONFERENCE

(In conjunction with the 12th Biennial Conference on Chemical Education)
August 1992

1992-93 ACADEMIC YEAR

120th CONFERENCE(Southern Region)

* **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: TBA

Program Chair: A.G.(Jerry) Foster, Physical Science Dept.
Amarillo College
(806) 371-5327

Local Arrangements Chair:

Peggy W. Alley, Physical Science Dept.
Amarillo College
(806) 371-5334 or 371-5333

* **Local Industrial Sponsor Coordinator:**

Mary Graff, Physical Science Dept.
Amarillo College
(806) 371-5326

121st CONFERENCE

November 1992

122nd CONFERENCE(Midwestern Region)

(Preceding the ACS National Meeting, Minneapolis, April 18-23, 1993)
April 1993
(Possible---Hennepin Community College)

February 17, 1989

{April 10-15, 1994 ACS National Meeting and 5th Chemical Congress of
North America, Mexico City}

All 2YC₃ members are urged to make suggestions regarding meetings 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.

American Chemical Society
Office of College Chemistry
Highlights of Activities
for the period
November 8, 1988 - March 6, 1989

Meetings

- 11/88 - 2YC3 in Kansas City, KS
- 12/88 - Soced Two-Year College Task Force
Completing work on the Tomorrow
Report's recommendations
 - T1: developing supplementary materials to enhance
the Guidelines;
 - T2: planning for consultant visits in 1989 to assist in
implementing the Guidelines at two-year colleges; and
 - T3: establishing an ACS approval service for chemical
technology programs.
- 1/3/89 - Minorities in Science and Technology Network (MIST).
An informal network of Washington-based science and
education associations, organized by the ACS Office
of College Chemistry to exchange information and
to begin problem solving regarding the issue area.
The meeting was held at the American Association for
the Advancement of Sciences.
- 1/13/89 - Invited to attend the meeting commemorating the
opening of the Washington office of the National
Organization of Black Chemists and Chemical
Engineers.
- 2/3/89 - Attended the Technological Literacy Conference
organized by the National Association for Science,
Technology, and Society.
- 3/6/89 - MIST Network meeting at the American Society for
Engineering Education.

Student Affiliates Activities

- Newly-charted chapters at two-year colleges
 - Panola Junior College (TX)
 - Tulsa Junior College (OK)

- Student Affiliates publications produced and distributed
 - November newsletter, the pHilter
 - January booklet, Speakers and Tours
 - March newsletter, the pHilter
- Student Affiliates technical session in Dallas, TX

Planning and organizing the annual Student Affiliates poster session to be held April 10, 1989 from 2:00 p.m. to 4:00 p.m. at the Hyatt Regency Colonade Exhibit Hall. A reception follows from 5:00 p.m. to 7:00 p.m.
- Survey of Student Affiliates faculty advisors

Developed January, mailed in February, with follow-up mailing in March. Survey designed to provide information that may be useful in improving the Student Affiliates program.

Government Relations

- 12/88 - Technical briefing by Education Division director on science education issues with U.S. Congress staff.
- 1/11/89 - Arranged meeting with ACS government relations staff in order to provide expert advice on two-year college policy issues of interest to the U.S. Congress.
- 1/13/89 - Met with government relations staff of the American Council on Education to discuss two-year college policy issues.
- 1/23/89 - ACS presented expert testimony to the National Council on Vocational Education about chemical technicians.
- 1/27/89 - Met with National Science Foundation government relations staff.

Consulting Services to Two-Year Colleges

- MSIP (U.S. Dept. of Education) - funded visits to
 - Malcolm X College (IL)
 - Nebraska Indian Community College (NB)
 - Northern Marianas Community College (Northern Marianas)
 - St. Augustin Community College (IL)

- ACS-funded visits to
 - Adirondack Community College (NY)
 - Jefferson-Davis Community College (AL)
- The Northern Marianas consulting visit has expanded into the exploration phase of a potential new project to assist the college in science education curriculum development and in teacher enhancement at all levels of science education in this U.S. territory. The exploration phase is being conducted by the ACS Office of College Chemistry.
- Under the MSIP grant, developed a script for the videotape, which will be distributed to MSIP schools for recruitment of minorities into the chemistry programs.
- 3/3/89 - Submitted C3S proposal to the NSF's Undergraduate Faculty Enhancement Program to expand the number of visits to two- and four-year institutions, to expand the number of consultants, and to provide formal training for the consultants.

ACS Office of College Chemistry

1989 Budget Report

In December 1988, DIVCHED'S Committee on Chemistry in Two-Year Colleges contributed \$2000 to help defray the \$14.4K costs incurred in 1988 for the production and distribution of the Guidelines for Chemistry and Chemical Technology in Two-Year Colleges, the 2YC Distillate, the four 2YC3 agenda books, and the reprinting of Critical Issues in Two-Year College Chemistry.

Guidelines - \$7,000

- develop and publish
- reprint
- two major mailings

Critical Issues - \$2,000

- reprinting

2YC Distillate - \$4,400

- mailing two issues
- printing one issue

2YC3 Agenda Books - \$1,000

- printing four books
- mailing books

Note: The above figures are direct cost items only.
Indirect costs, such as salaries for time onjob, have not been calculated for this report.

17 March 1989

Call For Nominations for Chair-Elect 1991

The 2YC₃ Policies and Procedures for the nominations of candidates for the office of Chair-Elect, require that a call for nominations be included in the second spring and the first fall newsletters each year. Nominations must be received by the Chair no later than noon Saturday of the first fall conference. That will be October 7, 1989. Nominations for Chair-Elect 1991 should be sent to:

John V. Clevenger, 1989 Chair
 Committe On Chemistry in the
 Two-Year College
 Truckee Meadows Community College
 7000 Dandini Boulevard
 Reno, NV 89512

To be eligible for the office of Chair-Elect, and individual must:

- (a) be a two-year college chemistry teacher.
- (b) have been a dues-paying member of 2YC₃ for a minimum of three years prior to nomination.
- (c) be a member of ACS and DivCHED.
- (d) have demonstrated leadership and organizational ability by serving as Chair or Co-Chair for a conference and in one or more of

the following capacities:

- (1) Served three years on the Executive Committee.
- (2) Served as Local Arrangements Chair for a conference.
- (3) Chaired a sub-committee.
- (4) Contributed within the past three years in two or more ways such as: acted as local industrial sponsor coordinator, chaired a conference section, presented a paper at a conference, moderated a panel at a conference, and so on.

It is highly desirable that the Chair-Elect's college be agreeable to helping with certain expenses such as printing, mailing, telephone, typing, and travel during the three year period of commitment.

Nominations for this office must include:

- (a) pertinent personal data such as name, college, job title, address, etc.
- (b) a statement of qualifications signed by the nominee.
- (c) signed consent of the nominee.

SURVEY

This survey is not designed to produce a series of numbers to be tabulated, but to gather information about strengths, weaknesses, and future directions for the Committee on Chemistry in the Two-Year Colleges.

We'll use your responses as starting points for discussions at future Committee meetings. Please feel free to make any comments that you believe would improve this organization.

CONFERENCES

What factors influence you to attend a conference?
(Please number in order of importance.)

- Program (overall particular speakers)
- Location (close to your college nice location)
- Funding for your expenses
- Time of year
- Workshops with Conference Other (explain)

What topics would you like to see at a conference in the near future? (Please number in order of importance.)

- New Instrumentation
- Developments and Applications of Learning Theory
- Effective Instructional Techniques
- New Course Designs/Content
- Lecture Demonstrations
- Articulation with other institutions
- Hazardous Materials Management
- Grant Writing Other (explain)

Would you like more workshops at the conferences?

- Yes No

If you answered yes: What topics would be useful?

When should they be scheduled?
(Please number in order of importance.)

- Friday afternoon Saturday morning
- Saturday afternoon

What could be changed about the conferences to make them more useful to you?

If you have never attended one of our conferences, please briefly explain the reason(s).

What could our organization do to make the conferences more attractive to you?

Additional comments about our conferences

PUBLICATIONS

This Newsletter is our primary means of communication with you. What do you like most about it?

What additional things would you like to see included?

We also contribute (financially and 2YC₃ news) to the publication and distribution of the *2YC Distillate: A Newsletter for Two-Year College Educators*, published by the American Chemical Society.

Do you receive the *Distillate*? Yes No
If not, could we add you to the *Distillate* mailing list?

- Yes No

For that part of the *Distillate* relating to 2YC₃:

What do you like most?

What additional things would you like to see included?

Additional comments about our publications:

THE ORGANIZATION

Are you now a member of 2YC₃? Yes No
If you are not a member of 2YC₃, please briefly explain the reason(s).

We are trying to *actively* involve more people in this organization. How could we encourage you to take a more active role?

Additional comments about our organization:

(Optional)

Name _____

College _____

College Address _____

City _____ State _____

Zip Code _____

FIRST NEWSLETTER SURVEY

CONFERENCES

Factors To Attend Conference

{higher numbers indicate higher rating}

Program (72)	Overall (16)	Part. Speak. (7)
Location (72)	Close (23)	Location (3)
Funding (52)		
Time of year (42)		
Workshops (32)		
Other		

Topics

{higher numbers indicate higher rating}

New Instrumentation (75)
Learning Theory (85)
Instructional Techniques (120)
New Course Content (83)
Lecture Demonstrations (74)
Articulation (58)
Hazardous Materials (70)
Grant Writing (28)
Other (9)
inexpensive lab substitutes
NMR/HPLC
technician training
instrumentation

Workshops

Yes (8) No (9)

Topics

interactive videodiscs, hypercard
instrumentation
consultant visits by ACS
creation & evolution
microscope work & chemistry
hazardous materials management

Scheduled

{higher numbers indicate higher rating}

Fri afternoon (6) Sat. morn (13) Sat. afternoon (19)

February 22, 1989

What Could Be Changed About Conferences

smaller/less elaborate in smaller regions/minimize travel & leave
current topics of student life and careers
emphasis on how "experts" present a topic (e.g. acid/base equil)
continue to do what is timely
KC Kansas just fine
open forum
small group discussion(topic; motivating students, test anxiety, etc.)
better accomodate technician instructors
closer to home
one day format
employment/ bulletin board/ interviews
schedule other than school time (no substitutes available/difficult to leave
during regular school year)

Why Haven't You Attended

time & money-several smaller local ones may be useful

What Could Make Conferences More Attractive?

travel subsidies(NSF, NSTA, NIH) one doesn't need to attend every year
coordinate with state organization (NY)
more convenient arrangements for lunch
midwest in spring(late April to mid May)/conference near Chicago, Wis.,
Minn.
good workshop on Sat. afternoon/makes it worthwhile to come
funding
travel stipends
more demonstrations
different time of year- during breaks or summer

Additional comments

how can we include more H.S. teachers
tours of cultural and social events in area/ other groups do this as well as
the business meeting
technician instructors need more help than others, yet seem to be ignored
they're great-keep up the good work

February 22, 1989

PUBLICATIONS

What Do You Like About The Newsletter?

compactness/future meetings
program announcements
news
it reminds me I'm part of a family
informative and up-to-date
this is the first Newsletter that is more than a conference announcement
brevity and concise
knowing what is happening and what to expect at each conference

What Additional Things Would You Like Included?

textbook reviews/available grants/new recruitment ideas/budget &
planning/salary scales at 2yr schools
is it needed/combine with Distillate?
articles in addition to conference programs
essays/letters from members/ dialogue among H.S./2yr/4yr
new ideas on instruction
info. on fellow teachers/interests/specializations/ more
communication/fellowship
meeting agendas 6 months in advance
more activities reports for technician instructors
abstracts/summaries of various conference topics
short news of research topics

What Do You Like Most About The Distillate?

crossword puzzle
news
key points of meetings
general information
I read it cover to cover
updates on conferences

February 22, 1989

What Additional Things Would You Like Included?

more material

book reviews/curriculum planning

projects/techniques

new ideas on instruction/computer software

salaries and benefits at other colleges/ curriculum changes/ problems with
quarter to semester movement

receive more often--"quarterly" publication seems to be annual
aids to my teaching

Additional Comments

excellent

THE ORGANIZATION

Member of 2YC₃ Yes (17) No (2)

If Not, Explain

no conf. I can feasibly attend in next 2-3 yrs

How Could We Encourage A More Active Role?

not easy/ many thinking retirement not more involvement

financial aid

continue to invite participation & be open and friendly

keep reminding me of committees and task forces

I have no travel money/ is there something to do while staying at home?

offer more rewards like money

let me know what I can do

Additional Comments

establish a local Bulletin Board Service

thank you for this opportunity and for your efforts

GUIDELINES SURVEY

PLEASE COPY AND DISTRIBUTE TO INDIVIDUAL FACULTY

Copies of the *Guidelines for Chemistry and Technology Programs in Two-Year Colleges* have been sent to all two-year colleges and several other target groups. These guidelines were developed by the ACS Society Committee on Education's Task Force on Two-Year Colleges established in 1983 with a four-part charge:

1. Revise the 1970 *Guidelines for Chemistry in the Two-Year College* to reflect the diversity of chemistry education responsibilities that have become the norm for individual two-year colleges in the past 15 years.
2. Develop an outreach and consultation program which would make the expertise of the Society staff membership more effectively available to two-year college administrators whose institutions are engaged in substantial efforts at improving the quality of their chemistry programs.
3. When the revised *Guidelines* have been published and the outreach and consultation

program is functioning, the ACS should undertake to certify/approve Chemical Technology programs in two-year colleges at the request of such institutions.

4. When recommendations 1,2, and 3 have been implemented, the ACS should undertake to certify/approve college transfer programs in two-year colleges at the request of such institutions.

Charges 1,2, and 3 are completed or are well underway. There has been considerable discussion regarding whether charge 4 should be implemented. The Task-Force is very interested in the distribution and use of the *Guidelines* and anxious to know how the question of implementation is perceived by the people most concerned. Your reaction to these questions would be extremely useful.

Please respond to the following questions and return this survey to:

Jay Bardole, Division of Science & Math
Vincennes University,
Vincennes, IN 47591

Have you seen a copy of the *Guidelines*? Yes No

If your answer was no, and you would like a copy, please contact the Office of College Chemistry, American Chemical Society, 1155 16th St., N.W., Washington, D.C. 20036-4899 (202) 872-4587

Have the *Guidelines* been useful to you? Yes No Please explain

Should the *Guidelines* be used to certify/approve college transfer programs in two-year colleges?

Yes No Please explain

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

Christine Romer Cerritos Community College 11110 E. Alondra Blvd. Norwalk, CA 90650-9973 (213) 860-2451	PROGRAM CHAIR - 1989
Albelo, Gilbert Mt. Hood Community College 26000 S. E. Stark Street Gresham, OR 97030 (503) 667-6422	(1990)
Armstrong, Elizabeth Skyline College 3300 College Drive San Bruno, CA 94066-1698 (415) 355-7000	(1991)
Berner, Victor New Mexico Junior College Lovington Highway Hobbs, NM 88240 (505) 392-4510 ext. 261	(1990)
Chase, Jody Truckee Meadows Community College 7000 Dandini Blvd. Reno, NV 89512 (702) 673-7221	(1990)
Collins, Carolyn Clark County Community College 3300 East Cheyenne Avenue N. Las Vegas, NV 89030 (702) 456-4109	(1991)
Cunningham, Alan Monterey Peninsula College Monterey, CA 93940 (408) 646-4154	(1990)
Hubbs, Robert DeAnza College Cupertino, CA 95014 (408) 996-4774	(1991)
Hubscher, Arthur Ricks College Rexburg, ID 83460-0500 (208) 356-1930	(1991)
Lungstrum, Richard A. American River College Sacramento, CA 95841 (916) 484-8464	(1989)
Mooney, William T. El Camino College Torrence, CA 90506 (213) 532-3670	(1990)
Peter, James R. Cerritos Community College 11110 E. Alondra Blvd. Norwalk, CA 90650 (213) 860-2451	(1990)
Scott, Peter Linn-Benton Community College 6500 SW Pacific Blvd. Albany, OR 97321 (503) 928-2361	(1989)
Sherman, Ruth Los Angeles City College 855 N. Vermont Avenue Los Angeles, CA 90029 (213) 669-4223	(1989)
Van Dyke, Martin Front Range Community College-North 3645 W. 112th Avenue Westminster, CO 80030 (303) 466-8811	(1990)
Wasserman, William Seattle Central Community College 1701 Broadway Seattle, WA 98122 (206) 587-3858	(1991)

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

Floyd King - LOCAL ARRANGEMENTS CHAIR-1989
North Lake College
5001 N. MacArthur Blvd.
Irving, TX 75038
(214) 659-5358

Gonzalez, Carlos
North Lake College
5001 N. MacArthur Blvd.
Irving, TX 75038 (1990)

Ballard, Paula
Jefferson State Junior College
2601 Carson Road
Birmingham, AL 35215 (1989)
(205) 853-1200

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

Barber, Anne
Manatee Junior College
5840 26th Street, W
Bradenton, FL 33506 (1989)
(813) 755-1511

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

Bell, Alex
Trident Technical College
P. O. Box 10367
Charleston, SC 29411 (1989)
(803) 572-6159

Heath, Ed (1991)
Southwest Texas Junior College
Garner Field Rd.
Uvalde, TX 78801
(512) 278-4401, Ext. 224

Bell, Helen
Dyersburg State Comm. College
Lake Road
Dyersburg, TN 38024 (1991)
(901) 286-3382

Knight, James M.
MS Gulf Coast Jr. Coll.-Jeff. Davis
Switzer Road
Gulfport, MS 39505 (1989)
(601) 896-3355, Ext. 144

Bray, Larry
Miami-Dade Comm. College-South Campus
11011 SW 104th Street
Miami, FL 33176 (1989)
(305) 347-2492

Maier, Thomas L.
Atlanta Junior College
1630 Stewart Avenue, SW
Atlanta, GA 30310 (1989)
(404) 656-6365

Cartwright, Ann
San Jacinto College-Central Campus
8060 Spencer Highway
Pasadena, TX 77505-2007
(713) 476-1882

Massey, Wendell M.
Florida Jr. College-North Campus
Jacksonville, FL 32218 (1989)
(904) 757-6441

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

McGlaun, Garry
Gainesville Junior College
P. O. Box 1358
Gainesville, GA 30503 (1989)
(404) 535-6266

Fowler, Art
Hiwassee College
P. O. Box 619
Madisonville, TN 37354 (1989)
(615) 442-2520, Ext 280

Minter, Anne
Roane State Community College
Harriman, TN 37748 (1989)
(615) 354-3000

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

Patricia McCoy-Brown		PROGRAM CHAIR - 1989	
Jefferson Community College P. O. Box 1036 Louisville, KY 40202 (505) 584-0181			

Crawford, Sam		Koch, Frank	
Johnson County Comm. College		Bismarck State College	
College Blvd. at Quivira Rd.		1500 Edwards Avenue	
Overland Park, KS 66210	(1990)	Bismarck, ND 58501	(1991)
(913) 888-8500		(701) 224-5423	
Eidsness, Warren		Kolb, Doris	
Normandale Comm. College		Bradley University	
9700 France Avenue, S.		Peoria, IL 61625	(1991)
Bloomington, MN 55431	(1989)	(306) 677-3029	
(612) 830-9300			
Grotz, Leonard		Krieger, Albert	
Univ. of Wisconsin-Waukesha		Jackson Comm. College	
1500 University Drive		2111 Emmons Road	
Waukesha, WI 53188	(1989)	Jackson, MI 49201	(1991)
(414) 544-8743		(517) 787-0800	
Hammonds, Cecil		Redmore, Fred	
Penn Valley Community College		Highland Community College	
Kansas City, MO 64111	(1989)	Freeport, IL 61032	(1990)
(816) 932-7659		(815) 235-6121 (Ext. 331)	
Johnson, Cullen		Rekow, Mary A.	
Cuyahoga Comm. Coll.-West Campus		Jackson Comm. College	
Parma, OH 44130	(1990)	2111 Emmons Road	
		Jackson, MI 49201	(1991)
Jones, Richard F.		Winklemann, John	
Sinclair Community College		Illinois Valley Comm. Coll.	
444 West Third Street		Rural Route	
Dayton, OH 45402	(1991)	Oglesby, IL 61348	(1990)
(513) 226-2500		(815) 224-2720	
Kenkel, John			
Southeast Comm. Coll.-Lincoln			
8800 "O" Street			
Lincoln, NE 68520	(1991)		
(402) 471-3333			
Klein, David W.			
Kansas City Kansas Comm. Coll.			
7250 State Avenue			
Kansas City, KS 66112	(1989)		

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

Dorothy Stumpf - PROGRAM CHAIR - 1989
Middlesex Comm. Coll., Springs Road
Bedford, MA 01730
(617) 275-8910, Ext. 287

Burge, Robert
Suffolk Comm. College
533 College Road
Selden, NY 11784 (1990)
(516) 451-4110

Castaldi, Michael J.
14 Bennett Avenue
Binghamton, NY 13905 (1990)

Cherim, Stan
Delaware County Comm. Coll.
Media, PA 19063 (1991)
(215) 353-5400

Condon, Dennis C.
Nassau Comm. College
Garden City, NY 11530 (1990)

Cucci, Myron
Monroe Community College
Rochester, NY 14623 (1990)

Feldsine, John
Broome Community College
Binghamton, NY 13902 (1991)
(607) 771-5000

Flath, Patricia
Paul Smith's College
Paul Smith, NY 12970 (1989)
(518) 327-6266

Hajian, Harry
Community Coll. of Rhode Island
400 East Avenue
Warwick, RI 02886 (1990)
(401) 825-2258

Higgins, Dorothy
Roxbury Community College
1234 Columbus Avenue (1990)
Roxbury Crossing, MA 02120

Kanter, Muriel
130 Rosseter Street
Dorchester, MA 02121 (1990)
(617) 734-1960

Katz, David
Comm. Coll. of Philadelphia
1700 Spring Garden Avenue
Philadelphia, PA 19130 (1990)
(215) 751-8000

McCalip, Joanne M.
Comm. Coll. of Allegheny County
808 Ridge Avenue
Pittsburgh, PA 15212 (1990)

Rainard, Barbara
Comm. College of Philadelphia
808 Ridge Avenue
Pittsburgh, PA 15212 (1991)
(412) 237-2649

Romano, Alla
New York City Technical Coll.
300 Jay Street
Brooklyn, NY 11201 (1989)
(718) 643-8242

Santiago, Paul J.
Harford Comm. College
Bel Air, MD 21014 (1990)

Schumm, Margot K.
Montgomery College
Rockville, MD 20850 (1989)
(301) 279-5130

Sollimo, Vincent
Burlington County College
Pemberton, NJ 08068 (1991)
(609) 894-9311

Tobias, John
Westchester Comm. College
76 Grasslands Avenue
Valhalla, NY 10595 (1989)
(914) 285-6939

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

Zoranski, Edmund J.
Atlantic Community College
Mays Landing, NJ 08330 (1989)
(609) 625-1111

C O N F E R E N C E S

104th TWO-YEAR COLLEGE CHEMISTRY CONFERENCE North Lake College, Irving, TX

Friday, April 7 and Saturday, April 8, 1989

(Preceding the ACS National Meeting, Dallas, April 9-14)

- Program Themes:**
1. We are in the middle: High School-Community
College-University Interfacing
 2. Hazardous Waste Management

For additional information about the program or arrangements, please contact:

Program Chair: Weldon Burnham, Richland College, Math-Science Div., 12800
Abrams Rd., Dallas, TX 75243, (214) 238-6045 or 6043

Local Arrangements

Chair: Floyd King, North Lake College, 5001 N. MacArthur Blvd.,
Irving, TX 75038, (214) 659-5358

Local Industrial

Sponsors Coordinator: Chuck Gonzalez, North Lake College, 5001 N. MacArthur Blvd.,
Irving TX 75038, (214) 659-5320

Friday, April 7, 1989

9:00-4:00 p.m. Registration and Exhibits

9:00-12 noon Coffee and Rolls available

9:30-10:30 Committee on Chemistry in the Two-Year College John Clevenger,
COCTYC Chair, presiding. This meeting is open to all.

10:45-11:00 Opening: John Clevenger, Chair, 2YC, Truckee Meadows Community College.
Welcome: Dr. Jim Horton, President, North Lake College.
Introduction to Program: Weldon Burnham Program Chair, Richland College.

11:00-11:25 Chris Parr, The University of Texas at Dallas, Dallas, Texas
"The UTD-DCCD 2+2 Program."

11:30-11:55 Jack Divita, Deputy Director, Hazardous Waste Management Division,
EPA, Region VI, *"Disposal of Hazardous Waste: Federal Perspectives."*

12-1:00 Lunch on your own-North Lake College Cafeteria available.

1:00-1:25 Martin Van Dyke, Front Range Community College, Denver Colorado,
"Hazardous Waste Management for Community Colleges."

1:30-1:55 Andrew Bryant, Director of Admissions, Southern Methodist University,
Dallas, Texas, *"Recruiting Through a Scholarship Program for Community
College Students."*

2:00-2:25 Doug Anthony, GSX Services, Dallas Texas, *"Disposal of Hazardous Laboratory
Chemicals—How It's Done."*

C O N F E R E N C E S

- 2:30-2:55** Art Fowler, Hiwassee College, Madinsonville, Tenn. *"Developmental / Remedial Chemistry Courses in the Southeast—Where Are We Now?"*
- 3:00-3:25** BREAK
- 3:30-3:55** Richard McCrary, Dallas Community College District, *"The Texas Academic Skills Program (TASP) and the DCCCD."*
- 4:00-4:30** Dan C. Hyder, Director, Environmental Health Technology, Roane State Community College, Harriman, Tenn., *"The Development of Hazardous Waste Management Curriculum at Roane State."*
- 4:30-4:55** Betty Garrett, Assistant Director of Admissions, and Chris Parr, Professor of Chemistry, The University of Texas at Dallas, *"Articulation and Transferability Concerns."*
- 6:00-7:00** Social Hour, Holiday Inn
- 7:00-9:30** Banquet and Keynote Address-Holiday Inn, Irving Texas, Dr. Peter A. Rock, The University of California, Davis, *"Flammability of Liquids."*

Saturday, April 8, 1989

- 8:00-12 noon** Registration and Exhibits
- 8:00-11:30** Coffee and Rolls Available
- 8:30-8:55** Joan Ford, North Lake College, Irving, Texas, *"Hazardous Waste Problems: Considerations for a Community College."*
- 9:00-9:25** John Pruitt, Dallas County Community College District. *"Marketing Efforts Within the DCCCD."*
- 9:30-10:25** Dennis Graham, Scott Community College, Davenport, Iowa, *"The Hazardous Materials Technology Curriculum."*
- 10:30-10:55** BREAK
- 11:00-11:25** Alex Bell, Triton Technical College, So. Carolina, *"Recruiting High School Students for the Technical Programs at Triton Tech."*
- 11:30-11:55** Garry McGlaun, Gainesville Junior College, Gainesville, Georgia *"A Cooperative Hazardous Waste Management System Among Colleges in Georgia."*
- 12:00-12:25** Larry Little, DeKalb College, Decatur, Georgia, *"Assessing Learning Styles of Applied Health Students— Teaching Instruction to Complement Learning."*
- 12:30-12:55** Mary Field, Collin County Community College, Plano, Texas, *"Environmental Concerns...a Video"*

Closing Remarks: John Clevenger

Lunch—Lists of and directions to various restaurants provided.