

133rd 2YC3 Conference

*Division of Chemical Education, Inc.
American Chemical Society*

THE USE OF MODERN TECHNOLOGY IN CHEMICAL EDUCATION



*September 29-30, 1995
Des Moines Area Community College
2006 South Ankeny Boulevard Bldg. 4
Ankeny, IA 50021*

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

Division of Chemical Education, Inc.
American Chemical Society
1995 Roster of Committee Members

Chair	Ann Cartwright, San Jacinto College Central 8060 Spencer Hwy., Pasadena, TX 77501-2007 Office: (713) 476-1882 FAX: (713) 478-2757 Home: (713) 669-8705	(1998)
Immediate Past Chair	Wendell Massey, Florida Community College-Kent Center 3939 Roosevelt Blvd., Jacksonville, FL 32205 Office: (904) 381-3544 FAX: (904) 381-3462 Home: (904) 766-2248	(1997)
Chair-Elect	John Kenkel, Southeast Nebraska Community College 8800 "O" Street, Lincoln, Nebraska 68520 Office: (402) 437-2485 FAX: (402) 437-2404 Home: (402) 477-8779	(1999)
Treasurer/ College Sponsors	Jeffrey Cramer, Stark Technical College 6200 Frank Ave. N.W., Canton, Ohio Office: (216) 494-6170, Ext. 377 FAX: (216) 494-0571 Home: (216) 695-4724	(1998)
Membership Chair	Richard F. Jones, Sinclair Community College 444 West Third Street, Dayton, OH 45402 Office: (513) 226-7907 FAX: (513) 449-5164 Home: (513) 836-9179	(1995)
Industrial Sponsors Chair	Carol White, Athens Area Technical Institute 800 U.S. Highway 29 North, Athens, GA 30610-1500 Office: (706) 355-5033 FAX: (706) 369-5753 Home: (706) 769-8341	(1997)
Newsletter Editor	Robert Kirkley, San Jacinto College Central 8060 Spencer Hwy., Pasadena, TX 77501-2007 Office: (713) 476-1501, Ext. 688 FAX: (713) 837-8455 Home: (713) 427-6033	(1997)
Past Chairs (Members of COCTYC)	David W. Klein, Kansas City Kansas Community College 7250 State Avenue, Kansas City, KS 66112 Office: (913) 334-1100, Ext. 152 FAX: (913) 596-9606 Home: (913) 648-2786	(1996)
	Margot K. Schumm, 4908 Melinda Ct., Rockville, MD 20853 Home: (301) 460-5561	(1995)
Other Past Chairs	Ed Heath (deceased), Elliott Greenberg, John Clevenger, Ralph Burns, Edith Bartley, Onofrio Gaglione, Jay Bardole, Marion Baker, Tarmar Y. Susskind, Douglas Bond, Katherine E. Weissmann, Paul Santiago, John P. Mitchell, William Griffin, Curtis Dhonau, Douglas Bauer (deceased), Cecil Hammonds, Ethelreda Laughlin, William T. Mooney, Jr.	

133rd TWO-YEAR COLLEGE CHEMISTRY CONFERENCE
ADVISORY BOARD MEETING
DES MOINES AREA COMMUNITY COLLEGE
ANKENY, IOWA
SEPTEMBER 29, 1995
AGENDA

Note: This meeting is an open meeting. All persons attending the conference 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 132nd CONFERENCE, STARK TECHNICAL COLLEGE

- A. Advisory Board Approval page 2
- B. COCTYC Information page 4

III. REPORTS

- A. Canton, Ohio, Conference May 5-6, 1995, John Kenkel
- B. Treasurer, Jeffrey Cramer page 10
- C. College Sponsors, Jeffrey Cramer page 14
- D. Membership, Richard Jones page 17
- E. Industrial Sponsors, Carol White page 20
- F. Future Meeting Sites, Wendell Massey page 21
- G. Newsletter, Robert Kirkley

IV. ANNOUNCEMENTS AND NEW BUSINESS

- A. 14th Biennial, Carol White
- B. DivCHED, Margot Schumm
- C. Leadership Conference, Ann Cartwright page 6
- D. Other

V. INTRODUCTION OF NEW ARRIVALS

VI. ADJOURNMENT

**133rd TWO-YEAR COLLEGE CHEMISTRY CONFERENCE
COCTYC MEETING
DES MOINES AREA COMMUNITY COLLEGE
ANKENY, IOWA
SEPTEMBER 30, 1995
AGENDA**

I. ADDITIONS/DELETIONS TO AGENDA

II. APPROVAL OF MINUTES, LEADERSHIP CONFERENCE

III. REPORTS

- A. Personnel Matters, Ann
- B. Future Sites, Wendell
- C. Budget Report, Jeff
- D. College Sponsors, Jeff
- E. Membership, Dick
- F. Industrial Sponsors, Carol
- G. Editor's Report, Robert
- H. Voting Membership on DivCHED, Margot/Ann

IV. OLD BUSINESS

- A. Regional Advisory Board Members, Dick/Ann
- B. Leadership Conference/Ann
- C. Ed Heath Memorial Fund/Ann
- D. Plaques for 25 Year College Sponsors/Ann
- E. Conference Guide Book Revision/Dave
- F. Policies and Procedures Revision/Dick

V. NEW BUSINESS

- A. Election Procedures/Dick
- B. Other

Minutes of
2YC₃ Midwestern Regional Advisory Board Meeting
132nd Conference
Stark Technical College
Canton, Ohio

ATTENDANCE:

There were 17 people in attendance, including the following COCTYC members:

Ann Cartwright, 1995 Chair
John Kenkel, 1995 Chair-elect
Carol White, Industrial Sponsors Chair
Richard Jones, 1995 Membership Chair
Jeff Cramer, 1995 Treasurer/College Sponsors

OPENING:

The meeting was opened at 8:05 AM by the Chair, Ann Cartwright.

INTRODUCTIONS:

Everyone present introduced themselves. Three Past Chairs of the COCTYC were present, Jay Bardole, Curt Dhonau, and Kathy Weissmann.

MINUTES OF THE 131ST REGIONAL ADVISORY BOARD MEETING:

The group was referred to the agenda book for the minutes. The minutes were approved as written.

REPORTS:

131st Conference at Mt. San Antonio College, Walnut, California:

John Kenkel presented a brief report on this conference. The theme of this conference was "Doing More With Less -- Alternatives in Chemical Education". Prof. Orville Chapman of UCLA gave the keynote address. The program included concurrent sessions on Curriculum Alternatives, Laboratory Alternatives, Lecture Alternatives, and Outreach and Community Programs. The banquet included a very interesting wine-tasting/smelling activity lead by Ernie Simpson of Cal Poly - Pomona. Terri Beam, Conference Program Chair, was cited for organizing an excellent conference.

Treasurer's Report:

Jeff Cramer, Treasurer/College Sponsor Chair, gave this report. It appears on page 7 of the agenda book for the 132nd conference.

College Sponsors:

Jeff Cramer also presented this report. The report in the agenda book represents a new alphabetical format. Information about becoming a college sponsor was given. It was suggested that regional advisory board members contact those colleges that are new sponsors to express appreciation.

Membership:

Dick Jones presented this report, referring to page 14 of the agenda book. There are 405 members as of May 5. There should be 600-700 by the end of the year. Dick also encouraged DivCHED membership and announced the schedule for the NSF-supported instrumentation workshops which will be held this summer and next summer.

After his report, it was announced that Dick has been elected to be the 1996 Chair-elect. The Membership Chair position is now open and also the position of Newsletter Editor is open.

Industrial Sponsors:

Carol White gave this report. There are 24 industrial sponsors as of today. It costs \$100 to become an industrial sponsor. Members were encouraged to visit those sponsors exhibiting at this conference.

Future Meetings:

Ann Cartwright reported on future meeting sites, referring to page 17 of the agenda book. Ed Dobrzynski, program chair of the 133rd conference in Des Moines, Iowa, was present and gave a brief report. The 134th conference in Bayside, New York, will have undergraduate research as its theme. The 135th conference in New Orleans will precede the annual spring ACS meeting. A site is needed for the 138th conference, which is scheduled for the Midwest region in early fall, 1996.

Carol White is co-program chair for the 1996 Biennial at Clemson University. The theme will be "Chemistry - the Challenge of Change." Carol asked that if anyone wishes to present a paper to let her know.

DivCHED:

Our request at the Anaheim ACS meeting to have voting representation in DivCHED was temporarily tabled. Discussion at the DivCHED meeting in Anaheim indicated that such representation would require a basic change in philosophy in that no voting members represent specific groups. COCTYC representatives were pleased, however, that it was not voted down.

Discussion ensued regarding the need for two-year college chemistry people to become more politically active and involved.

ANNOUNCEMENTS AND NEW BUSINESS:

David Orloff of the ACS is assembling the 10th edition of College Chemistry Faculty. All should be getting a request for update in the mail.

Kathy Weissmann gave a brief report on the request of John Amend of Montana State University for 2YC₃ to participate in and endorse his NSF proposal for systemic change in freshman chemistry instruction.

Latecomers to the meeting introduced themselves.

ADJOURNMENT:

The meeting was adjourned at 8:52 AM.

John Kenkel, 1995 Chair-elect



132nd Two-Year College Conference
COCTYC Meeting
Stark Technical College
Canton, Ohio
May 5-6, 1995

ATTENDANCE:

Members: Ann Cartwright, Jeff Cramer, John Kenkel, Carol White
Guests: Mary Graff, Terri Nally

CALL TO ORDER:

The meeting was called to order at 4:20 PM by the chair, Ann Cartwright. It was noted that there was no quorum of committee members present.

MINUTES OF THE 131ST CONFERENCE COCTYC MEETING:

The minutes were not approved due to the lack of a quorum.

FUTURE MEETINGS:

Des Moines: Everything seems to be set. Mentor (John Kenkel) will visit the second week of June.

Bayside: Undergraduate Research is the theme. Everything is under control. Dick Gaglione is the mentor.

New Orleans: The ACS president will speak at the banquet.

Seattle: Clarita Bhat will be on sabbatical, but Bill Wasserman is helping.

138th: DuPage has cancelled. Need a new site.

BUDGET:

Jeff Cramer distributed the current and a proposed revised budget for 1995, including the travel budget. He is proposing that the seed money for meetings be increased from \$500 to \$1000. Mentor travel and the Ed Heath fund were also discussed.

COLLEGE SPONSORS:

Plaques for 25+ years of college sponsorship were proposed and discussed. There was a discussion as to who should contact potential sponsors.

INDUSTRIAL SPONSORS:

There are now 24 industrial sponsors; three were added at the Stark meeting. The revision of the industrial sponsor form will be discussed in Houston.

NEWSLETTER:

Problems with the printer have caused the newsletter to be published late. Deadlines for future newsletters will be moved up; June 15 for the Des Moines meeting and July 15 for Bayside.

DivCHED:

DivCHED business was discussed at the Regional Advisory Board meeting. Ann will

write a "thank you" note to the DivCHED Executive Committee..

JOHN AMEND'S NSF PROPOSAL

Ann wrote a support letter in April. Decisions about workshops, etc., can be made later.

OLD BUSINESS:

Regional Advisory Board members

Chairs are set, but many members are rotating off. We need to formally approve new members when we have a quorum.

Leadership Conference

The dates are July 21-22 at the Sofitel Hotel in Houston. The agenda was passed out. Dick Jones (in absentia) suggested revising the agenda to include leadership structure, conference concerns, and DIVCHED concerns. There will also be a business meeting at this conference.

Ed Heath Memorial Fund

The fund has not been implemented. No decision was made due to the lack of a quorum.

NEW BUSINESS:

The committee could not act on matters concerning election procedures and open committee positions due to the lack of a quorum.

Terri Nally reported on SOCED activities. Uni Suskind is working on a report/proposal relating to guidelines revisions, and the enhancement of the College Chemistry Consulting Service, etc. An invitational conference on articulation is planned. Uni needs ideas on how to address the issues and who to invite.

Dick Jones has assembled a draft of a new 2YC₃ brochure and has made it available for members to review.

Carol White reported on the status of the 1996 Biennial. She needs ideas for the program.

PERSONNEL:

Three positions are coming up: membership chair, newsletter editor, and chair-elect. At present there are 2 applicants for membership chair. A letter has been sent to recruit more.

The newsletter editor position will be advertised in the next newsletter.

The deadline for chair-elect nominations is September.

ADJOURNMENT:

The meeting was adjourned at 6:33 PM.

John Kenkel
1995 Chair-elect



Leadership Conference
COCTYC Meeting
Sofitel Hotel
Houston, Texas
July 22, 1995

ATTENDANCE:

Members: Ann Cartwright, Dick Jones, John Kenkel, Dave Klein, Carol White,
Margot Schumm, Jeff Cramer, Bob Kirkley
Guests: Jay Bardole

CALL TO ORDER:

The meeting was called to order at 3:30 PM by the chair, Ann Cartwright.

ADDITIONS TO AGENDA:

Several items were added to the agenda.

MINUTES OF THE 132ND CONFERENCE

Minutes of both Anaheim and Canton meetings were approved with several corrections to Canton minutes.

PERSONNEL MATTERS:

Joanne Lin was elected Membership Chair.

FUTURE SITES:

No Report

TREASURER'S REPORT:

Jeff Cramer discussed the five-page budget report, distributed earlier in the day, consisting of an approved budget and a proposed revision. Some questions arose about funds for "meetings" in terms of what is designated as "seed" and what for "training". Also, there were questions regarding "conference consulting" funds in terms of what amount is meant for mentoring support and what amount for expenses relating to the actual conference. It was agreed that training (\$250) means program chair expenses incurred when attending another meeting in preparation for theirs. There was also some discussion about mentoring expenses - sometimes there is significant travel involved and sometimes there isn't. It was agreed that the budget amount is meant to reflect a worst case scenario. From now on, the budget for the year will be approved the last meeting of the year so Jeff can write checks.

COLLEGE SPONSORSHIPS:

There are now 112 college sponsors.

MEMBERSHIP:

The membership list will be updated once Stark meeting attendance is added. There were 26 new members from the Stark meeting.

INDUSTRIAL SPONSORS:

There are now 23 industrial sponsors. Sixteen are up for renewal. Regarding advertising in the newsletter, Mary Graff (not in attendance) will be re-soliciting.

NEWSLETTER EDITOR'S REPORT:

The editor is continuously striving to improve the newsletter using policy and procedures and job descriptions as guidelines.

DivCHED:

Questionnaire is being sent to the membership by Diane Bunce to determine if voting representation should be changed. Ann has sent copies to the 2YC₃ membership.

SOCED (articulation)

There will be a retreat for the committee. Dick will represent COCTYC. Margot will be there and Wendell may also be there.

AD HOC COMMITTEES:

Conference Guide Book: The committee met the evening of July 21. Some minor cosmetic changes were made. This guide book is not on disk. Dave Klein volunteered to try to get it on disk and make revisions.

Policy Manual: Many cosmetic changes were made. There will be changes in the election procedures and job descriptions. The revisions will be made and copies made available to COCTYC members for reading. Approval will be sought at a future conference.

Brochure: The C3 brochure was passed around. The new 2YC₃ brochure will be finished and be ready by January 1.

OLD BUSINESS:

The list of Regional Advisory Board Members was approved as revised on July 21. The duties of the Chair of the Regional Advisory Board and the Board itself have been strengthened and updated.

The status of the Ed Heath Memorial Fund was discussed. There was general agreement that it needs to be implemented. Assistance to ACS student affiliates groups was discussed previously. The budgeted amount is \$500 for the current year. It was moved and seconded that the \$500 be given to Ed Heath's college for the ACS student affiliate group there to use as they see fit. The motion was amended to specify "if this student affiliate group is still active". The amended motion was passed.

The awarding of plaques for 25 years as a college sponsor was discussed. Elliott Greenberg arranged for the plaques. Jeff Cramer read a letter from Elliott in which he recommended that we send them to the recipients with a cover letter. Elliott also requested that he be reimbursed (\$435 total) for his expenses. It was decided that COCTYC will present the awards at regular meetings instead. It was agreed that Ann should respond to Elliott and that

Elliott should send all plaques to Ann. It was moved and seconded to authorize payment for plaques and postage. The motion was passed.

NEW BUSINESS:

Election Procedures:

A procedure has been developed in committee (Ad Hoc Committee for Policy Manual - See Reports above.).

John Amend's NSF Grant Proposal:

It was generally agreed that the 2YC₃ membership should be informed of our written support of this proposal for systemic change in General Chemistry.

Clemson Biennial:

2YC₃ has been asked to participate in a major way. The organizing group wants a letter from Ann that says that 2YC₃ is an official sponsor. Several ideas, such as an ice cream social, were discussed, but there was some concern about funds. 2YC₃ has been asked to sponsor seven symposia. It was moved and seconded to increase funds to \$1000 each year, up from the current \$500, so that there would be \$2000 for each conference. The motion passed.

Other biennial activities were discussed. There will be a brochure in each registration packet. Publicity items to be available at the 2YC₃ booth, such as visors and stamp pins, and 2YC₃ napkins at an ice cream social, were discussed. Poster sessions were also discussed. Carol has authority to make decisions.

DivCHED meeting attendee:

It was moved and seconded that COCTYC appoint a member to a 3-year term to represent 2YC₃ at every meeting of the executive committee of DivCHED. Several advantages of this were brought out in discussion: that this is a demonstration of our commitment to DivCHED and the positive role that 2-year colleges play in chemical education, and also for continuity for COCTYC at meetings, etc. The motion was passed. It was moved and seconded that \$600 per year be budgeted to fund this position. The motion was passed. It was decided to start the three-year term January 1, 1996.

It was moved and seconded that \$200 be budgeted to print the 2YC₃ brochure. The motion was passed.

It was moved and seconded that the newsletter editor be allowed to spend up to an additional \$4000 for the fourth newsletter of 1995 if necessary. The motion was passed.

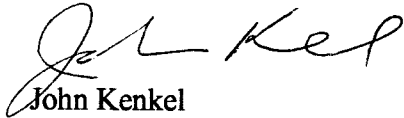
Robert Kirkley announced that December 8 is the deadline for items for the first newsletter of 1996.

It was moved and seconded that the seed money for conferences in 1996 and beyond increased from \$500 to \$1000 per conference. It was generally agreed that \$250 for travel is still needed. The motion was passed.

A concern was expressed regarding the Policy and Procedures manual. Should 2YC₃ (and not just COCTYC) approve the policies? In the past, it was brought up at RAB meetings and published in the newsletter, so 2YC₃ was informed, but could not vote. No action was taken.

ADJOURNMENT:

The meeting was adjourned at 5:55 PM.



John Kenkel
1995 Chair-elect

COCTYC: Committee on Chemistry in the Two Year College

Statement of Income and Expenses

For The Period: 1 Jan 95 to 21 Aug 95

Beginning Balance \$9,124.59

<u>Income</u>	<u>Amount</u>	<u>% of Total</u>
DivCHED	2000.00	17.5
Membership Dues	7270.00	63.7
Industrial Sponsors	800.00	7.0
College Sponsors	400.00	3.5
Newsletter Adds	300.00	2.6
Interest	453.64	4.0
Misc	187.12	1.6

Total Income \$11,410.76 100.0

Expenses

Travel	4980.18	34.8
Office	123.45	0.9
Postage	130.24	0.9
Meeting Sites	3000.00	20.9
Newsletter Printing	2790.00	19.5
25 Yr Plaques	390	2.7
Leadership Conference	2909.99	20.3

Total Expenses \$14,323.86 100.0

Net Income(Loss) (\$2,913.10)

Current Balance \$6,211.49

Respectfully Submitted,

Jeffrey L. Cramer
Jeffrey L. Cramer
Treasurer

COCTYC: Committee on Chemistry in the Two Year College

Statement of Income and Expenses

For The Period: 1 Jan 95 to 1 Jul 95

Beginning Balance \$9,124.59

<u>Income</u>	<u>Amount</u>	<u>% of Total</u>
DivCHED	2000.00	18.9
Membership Dues	6840.00	64.7
Industrial Sponsors	800.00	7.6
College Sponsors	350.00	3.3
Newsletter Adds	300.00	2.8
Interest	287.43	2.7

Total Income \$10,577.43 100.0

Expenses


Travel	3369.21	63.2
Office	23.45	0.4
Postage	130.24	2.4
Meeting Sites		0.0
Newsletter Printing	1809.00	33.9

Total Expenses \$5,331.90 100.0

Net Income(Loss) \$5,245.53

Current Balance \$14,370.12

Respectfully Submitted,


Jeffrey L. Cramer
Treasurer

COCTYC: Committee on Chemistry in the Two Year College

Statement of Income and Expenses

For The Period: 18 Apr 95 to 1 Jul 95

Beginning Balance

\$15,931.05

<u>Income</u>	<u>Amount</u>	<u>% of Total</u>
Membership Dues	495.00	57.1
Industrial Sponsors	200.00	23.1
College Sponsors		0.0
Newsletter Adds		0.0
Interest	172.39	19.9

Total Income \$867.39 100.0

Expenses

Travel	1913.32	78.8
Office		0.0
Postage		0.0
Meeting Sites		0.0
Newsletter Printing	515.00	21.2


Total Expenses \$2,428.32 100.0

Net Income(Loss) (\$1,560.93)

Current Balance

\$14,370.12

Respectfully Submitted,


Jeffrey L. Cramer
Treasurer

Active College Sponsors - 112

21-Aug-95

College	Contact person	Street Address	City	State	Zip
Aims Community College	Mr. Don Harris	5401 W. 20th Street	Greeley	CO	80634
Allegheny Community College	Dr. James Stickler	Willowgrook Road	Cumberland	MD	21502
Alvin Community College	Mrs. Betty Graef	3110 Mustang Rd.	Alvin	TX	77511
Amarillo College	Mr. A. Schneider	P.O. Box 447	Amarillo	TX	79178
Anne Arundel Community College	Mrs. D. M. Reeder	101 College Parkway	Arnold	MD	21012
Anoka-Ramsey Community College	Lance S. Lund	11200 Mississippi Blvd.,	Coon Rapids	MN	55433
Arizona Western College	Mr. Robert Ingram	P.O. Box 929	Yuma	AZ	85364
Athens Area Technical Institute	Carol White	U. S. Highway 24 North	Athens	GA	30610
Baltimore City Community College	Dr. Donald Hoster	Accounts Payable	Baltimore	MD	21215
Bellevue Community College	Mr. J. Surendranath	3000 Landerholm Circle,	Bellevue	WA	98008
Black Hawk College	Mr. L. J. Griswold	6600 34th Ave.	Moline	IL	61265
Blinn College	Kenneth A. French	902 College Avenue	Brenham	TX	77833
Blue Mountain Community College	Prof. Larry Eddy	2411 N.W. Carden, P. O	Pendleton	OR	97801
Brazosport College	Dr. Ken Tasa	500 College Drive	Lake Jackson	TX	77566
Broward Community College	Mr. Richard Hill	3501 S.W. Davie Road	Fort Lauderdale	FL	33314
Bucks County Community College	Dr. Michaeleen Lee	Swamp Road	Newtown	PA	18940
Burlington County College	Dr. Vincent Sollimo	Pemberton-Brown Mills	Pemberton	NJ	08068
Butler County Community College	Mr. Curt Shipley	901 S. Haverhill Road	El Dorado	KS	67042
Cape Fear Community College	Mr. Dale R. Buck	411 N. Front Street	Wilmington	NC	28401
Chandler-Gilbert Community College	Dr. Ronald Watras	2626 E. Pecos Road	Chandler	AZ	85225
Charles County Community College	Dr. Douglas E. Zabel	P. O. Box 910	LaPlata	MD	20646
Clinton Community College	Dr. John L. Bonte	1000 Lincoln Boulevard	Clinton	IA	52732
College of DuPage	Mr. Wes Fritz	22nd Street & Lambert R	Glen Ellyn	IL	60137
College of Lake County	Dr. Michael Corn	19351 W. Washington St.	Grayslake	IL	60030
College of Southern Idaho	Dr. Rex Widner	P. O. Box 1238	Twin Falls	ID	83301
College of the Sequoias	Marie Straw	915 S. Mooney Blvd.	Visalia	CA	93277
Colorado Northwestern Community College	Mr. Roy Gold	500 Kennedy Drive	Rangely	CO	81648
Columbia Basin College	Instruct. Director	2600 N. 20th Ave.	Pasco	WA	99301
County College of Morris	Sharon Kapica, CHM	Route 10 and Center Gro	Dover	NJ	07801
Cuesta College	Mr. Joe Asire	P. O. Box 8106	San Luis Obispo	CA	93403
Cuyahoga Community College	Mr. Cullen Johnson	2900 Community College	Cleveland	OH	44115
DeAnza Community College	Mr. Robert R. Hubbs	221250 Stevens Circle Bl	Cupertino	CA	94014
Dodge City Community College	Mr. R. G. Albrecht	2501 N. 14th Avenue	Dodge City	KS	67801
Erie Community College- N. Campus	Dr. Gerald Berkowitz	Main St. and Young Roa	Williamsville	NY	14221
Essex County College	Rudolph B. Jones	303 University Avenue	Newark	NJ	07102

College	Contact person	Street Address	City	State	Zip
Gainesville College	Mr. Gary Mc Glaun	P. O. Box 1358	Gainsville	GA	30503
Garden City Community College	Dr. Gary D. Holmes	801 Campus Drive	Garden City	KS	67846
Grand Rapids Community College	Prof. Roger DeVries	143 Bostwick, N.E.	Grand Rapids	MI	49503
Green River Community College	Dennis Regan	12401 S. E. 320th Street	Auburn	WA	98092
Harford Community College	Mr. Paul J. Santiago	401 Thomas Run Road	Bel Air	MD	21015
Highland Community College	Mr. Fred Redmore	Pearl City Road	Freeport	IL	61032
Holly Cross College	Prof. C. M. Biegel	1801 N. Michigan Street	Notre Dame	IN	46556
Holyoke Community College	Ms. Elizabeth G. Tite	303 Homestead Ave.	Holyoke	MA	01040
Hudson Valley Community College	John Youker, Chair	80 Vandenberg Ave.	Troy	NY	12180
Hutchinson Community College	Dr. Ronald Pfister	1300 N. Plum	Hutchinson	KS	67501
Jackson Community College	Prof. Albert Krieger	2111 Emmons Rd.	Jackson	MI	49201
Jamestown Community College	Taylor Pancoast	525 Falconer Street	Jamestown	NY	14701
Jefferson Community College	Mr. John Penrone	Outer Coffeen Street	Watertown	NY	13601
Kansas City Kansas Community College	Dr. David Klein	7250 State Avenue	Kansas City	KS	66112
Kilgore College	Dr. Jerry Fuller	1100 Broadway	Kilgore	TX	75662
Lewis and Clark Community College	Richard E. Jones, Jr.	5800 Godfrey Road	Godfrey	IL	62035
Linn-Benton Community College	Dr. Peter Scott	6500 S. W. Pacific Rd.	Albany	OR	97321
Lorain County Community College	Mr. James Carney	1005 N. Abbe Rd.	Elyria	OH	44035
Manatee Community College	Prof. Anne Barber	5840 26th St. W.	Bradenton	FL	33506
McHenry County Community College, Dist	Mr. John Konitzer	Rt. 14 at Lucas Rd	Crystal Lake	IL	60012
Mesa Community College	John Weide	1830 W. Southern Ave.	Mesa	AZ	85202
Metropolitan Community College	Dr. John Mangini	P. O. Box 3777	Omaha	NE	68103
Miami-Dade Community College- South Cs	Dr. Dorma Gottlieb	11011 S.W. 104th St.	Miami	FL	33176
Mid-Plains Community College	Prof. Denise Barnes	McDonald-Benton Campu	North Platte	NE	69101
Middle Georgia College	Dr. John D. Pasto	Sarah Street	Cochran	GA	31014
Middlesex Community College	Dorthy A. Stumpf	Springs Road	Bedford	MA	01730
Midland College	Dr. Joe Blumentritt	3600 N. Garfield	Midland	TX	79705
Minneapolis Community College	Sharon Sechrist	1501 Hennepin Ave.	Minneapolis	MN	55403
Monroe Community College	Mr. G. R. Nobiling	1000 E. Henrietta Rd.	Rochester	NY	14623
Montgomery College	Clarence Breedlove	51 Mannakee Street	Rockville	MD	20850
Mt. Hood Community College	Dr. Gilbert Albelo	26000 SE Stark Street	Gresham	OR	97030
Muskingum Area Technical College	Mez Hathaway	1555 Newark Rd.	Zanesville	OH	43701
Navarro College	Tom Hammargren	3200 West Seventh Ave.	Corsican	TX	75110
Navajo Community College	Dr. Kamala Sharma	Dept. of Chemistry and N	Tsaile	AZ	86556
New York City Technical College	Mr. Onofrio Gaglione	300 Jay St.	Brooklyn	NY	11201
Normandale Community College	Mr. Warren Eidsness	9700 France Ave. S.	Bloomington	MN	55431
North Harris College	Jean Whileyman	2700 W. W. Thorne	Houston	TX	77073
North Iowa Area Community College	Dr. Edward Dobrzynski	500 College Drive	Mason City	IA	50401
North Lake College	Prof. Floyd King	5001 Mac Arthur Blvd	Irving	TX	75038

College	Contact person	Street Address	City	State	Zip
North Seattle Community College	David W. Robare	9600 College Way North	Seattle	WA	98103
Northeast Texas Community College	Jess Dowdy	P. O. Box 1307	Mt. Pleasant	TX	75456
Oakland Community College - Auburn Hill	Prof. Tamar Susskind	2900 Featherstone Rd.	Auburn Hills	MI	48507
Oakton Community College	Dr. C. Churchill	1600 E. Golf Road	Des Plaines	IL	60016
Olympic College	Prof. Robert Kiebertz	1600 Chester Ave.	Bremerton	WA	98310
Paul Smith's College	Patricia C. Flath	Rts. 192 & 30	Paul Smith's	NY	12970
Penn Valley Community College	Mary Jo Podrebarac	3201 Southwest Blvd	Kansas City	MO	64111
Portland Community College	Dexter Plumlee, Dean	P. O. Box 19000	Portland	OR	97219
Prairie State College	Dr. Roma Adventi	P. O. Box 487	Chicago Heights	IL	60411
Prince George's Community College	Dr. Barbara A. Gage	301 Largo Rd.	Largo	MD	20772
Saddleback College	Dr. Curt McLendon	28000 Marguerite Parkwa	Mission Viejo	CA	92692
San Jacinto College- Central Campus	Dr. Ann Cartwright	8060 Spencer Highway	Pasadena	TX	77505
Sauk Valley College	Mr. Dale Heuck	173 Il Route 2	Dixon	IL	61021
Schoolcraft College	Mr. Bill Nickels	18600 Haggerty Road	Livonia	MI	48152
Seattle Central Community College	William Wasserman	1701 Broadway (BE5104)	Seattle	WA	98155
Seattle Community College District		1500 Harvard Ave.	Seattle	WA	98122
Sierra College	Mr. H. Vanderbilt	5000 Rocklin Rd.	Rocklin	CA	95677
Sinclair Community College	Dr. Richard F. Jones	444 W. Third Street	Dayton	OH	45402
South Arkansas Community College	Chemistry Dept. Chair	300 South West Avenue	El Dorado	AR	71730
South Suburban College	Dr. Diane Ostojic	15800 S. State Street	South Holland	IL	60473
St. Clair County Community College	Joseph P. Gibbons	323 Erie St.	Port Huron	MI	48060
St. Louis Community College- Flo Valley	Tom Mines	3400 Persall Rd.	St. Louis	MO	63135
St. Louis Community College-Meramec	Mr. Ralph Burns	11333 Big Bend Blvd.	St. Louis	MO	63122
Stark Technical College	Dr. Donna Harrison	6200 Frank Ave. NW	Canton	OH	44720
Tarrant County Jr. College- S. Campus	Mrs. Edith Bartley	5301 Campus Drive	Forth Worth	TX	76119
Tarrant County Jr. College-N.E. Campus	Janet Hamilton	828 Harwood Road	Hurst	TX	76055
Texarkana College	Mike Buttram	2500 N. Robinson Rd.	Texarkana	TX	75501
Truman College	Prof. Donald A. Soucek	1145 W. Wilson	Chicago	IL	60202
Union County College	Prof. Rachel K. Dare	1033 Springfield Avenue	Cranford	NJ	07016
University College, University of Cincinnati	Prof. Mary Fox	Mail Location 168	Cincinnati	OH	45221
Valencia Community College	Prof. Silvia Zapilo	P. O. Box 3028	Orlando	FL	32802
Valley Forge Military College	LTC Sam Wrightson	1001 Eagle Rd., Sorley H	Wayne	PA	19087
Victoria College	Dr. Ray S. Sager	2200 E. Red River	Victoria	TX	77901
Vincennes University	Mr. Jay Bardole	1002 N. 1st Street	Vincennes	IN	47591
Walters State Community College	Dr. Mary C. Lu	500 S. Davy Crockett Par	Morristown	TN	37814
Westark Community College	Mr. Thomas R. Clark	P. O. Box 3649	Foirt Smith	AR	72913
Western Nebraska Community College	Mr. Gordon Harrach	1601 E. 27th	Scottsbluff	NE	69361
William Rainey Harper College	Chemistry Dept Chair	1200 West Algonquin Ro	Palatine	IL	60067

133rd 2YC3
MEMBERSHIP REPORT

Total Members as of August 1995—1083

Renewals to date—578

Submitted by
Richard F. Jones

August 24, 1995

2YC3 College Sponsorship Application

Committee on Chemistry in the Two-Year College (COCTYC)
Division of Chemical Education
American Chemical Society

College Name _____

College Address (Street) _____

College Address (City, State, Zip) _____

Contact Person: (Title) _____ (Name) _____

Phone _____ Ext. _____

Fax _____

Address if different from above _____

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

Jeffrey Cramer
Stark Technical College
6200 Frank Avenue NW
Canton, Ohio 44720-7299
Phone 216-494-6170 Ext. 377
FAX 216-494-0571

Please send your \$25 check payable to **Committee on Chemistry in the Two-Year College** and the completed application to Jeff Cramer at the above address.

2YC3 is a tax-exempt organization, tax I.D. number 23-7169683

A Reminder

Affiliate Membership in the Division of Chemical Education can be obtained without joining the American Chemical Society. Division of Chemical Education membership costs \$10 per year and benefits include three *CHED Newsletters* a year (a valuable source of information on the leading edge of chemical education). Every two years, 2YC₃ joins the Division of Chemical Education in a joint meeting at their "Biennial" Meeting. The Committee On Chemistry in the Two Year College (COCTYC) highly recommends membership in the Division of Chemical Education. (Affiliate members have all membership privileges except voting and holding elective offices.)

To join the Division of Chemical Education, write to:

Sr. Mary Virginia Orna
OSU, Treasurer
Division of Chemical Education
Department of Chemistry
College of New Rochelle
New Rochelle, NY 10801

Include a check or money order for \$10 payable to:

Division of Chemical Education

2YC₃ Industrial Sponsors - 24

Ace Glass
P.O. Box 688
Vineland, NJ 08360-0688

Chemical Education Resources
180 Linden Street
Wellesley, MA 02181

Falcon Software
One Hollis Street
Wellesley, MA 02181

Gow-Mac Instrument Co.
277 Brodhead Road
Bethlehem, PA 18017

D. C. Heath
125 Spring Street
Lexington, MA 02173

Instruments for Research &
Industry I²R
108 Franklin Ave. Box 159
Cheltenham, PA 19012

MacMillan Publishing
866 Third Avenue
New York, NY 10022

Mettler-Toledo
69 Princeton-Hightstown Road
Hightstown, NJ 08520

Mosby Year Book Inc.
11830 Westline Industrial Drive
St. Louis, MO 63146

Quincy Specialties
631 Vermont St. P.O. Box 307
Quincy, IL 62301-0307

Saunders College Publishing
The Public Ledger Building
150 South Independence Mall West
Philadelphia, PA 19106

Softshell International LTD
1600 Ute Avenue
Grand Junction, CO 81506-4614

Submitted by:
Carol White
August, 1995

Wm. C. Brown Publishers
2460 Kerper Blvd
Dubuque, IA 52001

Exper.Tech
P.O. Box 737
Yellow Springs, OH 45387-0737

Flinn Scientific Incorporated
P.O. Box 219
Batavia, IL 60510

Harper Collins College Publish.
8933 Gettysburg Drive
Twinsburg, OH 44087

Houghton Mifflin Company
One Beacon Street
Boston, MA 02108

International Thomas Publishing
10 Davis Drive
Belmont, CA 94002

McGraw-Hill
1221 Avenue of the Americas
New York, NY 10020-1095

Midland Scientific
1202 South 11th Street
Omaha, NE 68108

Prentice Hall
113 Sylvan Avenue
Englewood Cliffs, NJ 07632

Sargent Welch
Box 181
Mt. Gilead, OH 43338

SCI Technologies
1716 West Main St. #4
Bozeman, MT 59715

John Wiley & Sons, Inc.
P. O. Box 2608
Blue Jay, CA 92317

CONFERENCE SUMMARY CALENDAR

February 5, 1995

ACADEMIC

YEAR

1994-95

129th
EASTERN
Oct. 7-8, 1994
Rochester, NY

130th
SOUTHERN
Nov. 18-19, 1994
Spindale, NC

131st
WESTERN
March 31-April 1, 1995
Walnut, CA
(ACS - Anaheim
Apr. 2-7, 1995)

132nd
MIDWESTERN
May 5-6, 1995
Canton, OH

1995-96

133rd
MIDWESTERN
Sept. 29-30, 1995
Des Moines, IA

134th
EASTERN
Nov. 17-18, 1995
Bayside, NY

135th
SOUTHERN
Mar. 22-23, 1996
New Orleans
(ACS - New Orleans
Mar. 24-29, 1996)

136th
WESTERN
Late Spring 1996
Seattle, WA

137th
14th BIENNIAL
Aug 4 -8, 1996
Clemson, SC

1996-97

138th
MIDWESTERN
Early Fall 1996

139th
SOUTHERN
Late Fall 1996
San Antonio, TX

140th
WESTERN
April 4-5, 1997
(ACS-San Francisco
April 6-11, 1997)

141st
EASTERN
Late Spring 1997
(C3 Newfoundland)

1997-98

142nd
WESTERN
Early Fall 1997

143rd
SOUTHERN
Late Fall 1997
Jacksonville, FL

144th
MIDWESTERN
Early Spring 1998
(ACS-St. Louis
Mar.29 - Apr.3, 1998)

145th
EASTERN
Late Spring 1998

146th
15th BIENNIAL
Summer 1998
Waterloo, CAL

TENTATIVE

February 5, 1994

TWO-YEAR COLLEGE CHEMISTRY CONFERENCE SITES

1994-95 ACADEMIC YEAR

131st Conference (Western) (April 2-7, 1995, ACS National Meeting, Anaheim)

Mar. 31-Apr. 1, 1995

Mt. San Antonio College
1100 N. Grand Ave.
Walnut, CA 91789

THEME: **Doing More with Less—Alternatives in Chemical Education**

Program Chair

Terri Beam
Mt. San Antonio College
OFFICE: (909) 594-5611, ext. 4536
FAX: (909) 594-7661

Local Arrangements

Eileen DiMauro
Mt. San Antonio College
OFFICE: (909) 594-5611, ext. 4533

Exhibits Coordinator

Iraj Behdahani
Mt. San Antonio College
OFFICE: (909) 594-5611, ext. 4535

132nd Conference (Midwestern)

May 5-6, 1995

Stark Technical College
6200 Frank Ave. N.W.,
Canton, Ohio, 44720

THEME: **The Neglected 95% - Inspiring the Chemistry Nonmajor**

Program Chair

Jeff Cramer
Stark Technical College
OFFICE: (216) 494-6170, ext. 377
FAX: (216) 494-0571
HOME: (216) 695-4724

Local Arrangements

Donna Harrison
Stark Technical College
OFFICE: (216) 494-6170, ext. 428

Exhibits Coordinator

Howard Larson
Stark Technical College
OFFICE: (216) 494-6170, ext. 428

1995-96 ACADEMIC YEAR

133rd Conference (Midwestern)

September 29-30, 1995

Des Moines Area Community College
2006 South Ankeny, Bldg. 4,
Ankeny, IA 50021

Contact Person

Bryon Strom
Des Moines Area Community College
OFFICE: (515) 964-6292

Program Chair:

Ed Dorbzyński;
North Area Iowa Community College
500 College Ave.
Mason City, IA 50401
OFFICE: (515) 421-4272

134th Conference (Eastern)

November 17-18, 1995

Queensborough Community College
222-05 56th Avenue
Bayside, New York 11364-1497

Contact Person

Paris Svoronos
Queensborough Community College
OFFICE: (718) 631-6280

135th Conference (Southern)

(March 24-29, 1996, ACS National Meeting, New Orleans)

March 22-23, 1996

Delgado Community College
615 City Park Ave.
New Orleans, LA 70119-4399

Contact Person

Jeff Smith
Delgado Community College
OFFICE: (504) 483-4099

136th Conference (Western)

Late Spring, 1996

Shoreline Community College
16101 Greenwood Ave. North
Seattle, WA 98133, (206) 546-4575

Contact Person:

Clarita Bhat
Shorline Community College
OFFICE: (206) 546-4575

137th Conference (14th Biennial)

August 4 - 8, 1996

Clemson University
Clemson, South Carolina

Contact Person:

Carol White
Athens Area Technical College
OFFICE: (706) 369-6106

138th Conference (Midwestern)

Early Fall 1996

Late Fall 1996

139th Conference (Southern)

San Antonio College
San Antonio, TX

Contact Person

Bill Haley
San Antonio College

Early Spring 1997

140th Conference (Western)

141st Conference (Eastern)
(C3 Meeting in Corner Brook, Newfoundland)

Late Spring 1997

Sir Winfred Grenfell College
Corner Brook, Newfoundland A2H 6P9

Contact Person

David Klein
Kansas City Kansas Community College
OFFICE: (913) 334-1100 ext. 152

Early Fall 1997

142nd Conference (Western)

Late Fall 1997

143rd Conference (Southern)

Florida Community College-Kent Center
Jacksonville, Florida 32205

Contact Person

Wendell Massey
Florida Community College-Kent Center
OFFICE: (904) 381-3544

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.******

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

REGIONAL CHAIR

William Wasserman (1998)
Seattle Central Community College
701 Broadway
Seattle, WA 98122
(206) 587-3858
(1994 Site Selection Committee Member)

Hubscher, Arthur (1998)
Ricks College
Rexburg, ID 83460-0500
(208) 356-1930

Scott, Peter (1996)
Linn-Benton Community College
46500 S.W. Pacific Blvd.
Albany, OR 97321
(503) 928-2361

Beam, Terri (1998)
Mt. San Antonio College
1100 N. Grand Avenue
Walnut, CA 91789
(909) 594-5611

Sherman, Ruth (1996)
Los Angeles City College
855 N. Vermont Avenue
Los Angeles, CA 90029
(213) 669-4223

Bhat, Clarita (1998)
Shoreline Community College
Seattle, WA 98133
(206) 546-4575

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

REGIONAL CHAIR

Bell, Helen (1998)
Dyersburg State Community College
Lake Road
Dyersburg, TN 38024
(901) 286-3382

Alley, Peggy (1996)
Amarillo College
P.O. Box 447
Amarillo, TX 79178
(806) 371-5327

Foster, Jerry (1996)
Amarillo College
P.O. Box 447
Amarillo, TX 79178
(806) 371-5327

Bell, Alex (1996)
Trident Technical College
P.O. Box 10367
Charleston, SC 29411
(803) 572-6159

Graham, James (1998)
J.C. Calhoun Community College
Decatur, AL 35620
(205) 353-3102

McGlaun, Garry
Gainesville Junior College
P.O. Box 1358
Gainesville, GA 30503
(706) 535-6266

Golden, Peter (1998)
Isothermal Community College
P.O. Box 804
Spindale, NC 28160
(704) 286-3636

Haley, Bill (1998)

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

REGIONAL CHAIR

Martha Brosz (1995)
Cincinnati State Technical and Community College
3520 Central Parkway
Cincinnati, OH 45223
(513) 569-1710

Advani, Roma (1998)
Prairie State College
202 S. Halsted Street
Chicago, Heights, IL 60411
(708) 709-3604

Redmore, Fred (1998)
Highland Community College
Freeport, IL 61032
(815) 235-6121, ext. 331

Koch, Frank (1998)
Bismarck State College
1500 Edwards Avenue
Bismarck, ND 58501
(701) 224-5423

Weierich, Andre J. (1996)
Southeast Community College
Cumberland, KY 40823
(606) 589-2145

Harrison, Donna (1998)
Stark Technical College
6200 Frank Avenue, N.W.
Canton, OH 44720-7299

Chew, Florence (1998)
Cuyahoga Community College
11000 West Pleasant Valley Road
Parma, OH 44130
(216) 987-5436

Dobrzynski, Ed (1998)
North Iowa Area Community College
500 College Drive
Mason City, IA 50401
(515) 421-4272

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

REGIONAL CHAIR

Onofrio Gaglione (1998)
New York City Technical College
300 Jay Street
Brooklyn, NY 11201
(718) 260-5113

Romano, Alla (1998)
New York City Technical College
300 Jay Street
Brooklyn, NY 11201
(718) 643-8242

Stumpf, Dorothy (Dotty) (1996)
Middlesex Community College
Springs Road
Bedford, MA 01730
(617) 275-8910, ext. 280

Jones, Rudolph B. (1998)
Essex County College
303 University Avenue
Newark, NJ 07102
(201) 877-3291

Tobias, John (1996)
Westchester Community College
76 Grasslands Avenue
Valhalla, NY 10595
(914) 285-6939

Kanter, Muriel (1998)
130 Rosseter Street
Dorchester, MA 02121
(617) 282-7139

Turner, Raymond (1995)
Roxbury Community College
1234 Columbus Avenue
Roxbury Crossing, MA 02120-3400
(617) 541-5317

Whitfield, Thomas (1998)
Community College of Rhode Island
Warwick, RI 02889

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William T. Mooney, Jr. (retired)
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Home (213) 321-9342

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Cecil Hammonds
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Kansas City, MO 64111
Office: (816) 932-7659

Curtis Dhonau (retired)
509 S. May Street
Sumner, IL 62466
Home: (618) 936-2172

William W. Griffin (retired)
P. O. Box 70
Raymond, MS 39154

John P. Mitchell (retired)
1504 Juliet Place
Hurst, TX 76054
Home: (817) 282-7688

Paul Santiago
Harford Community College
Bel Air, MD 21014
Home: (301) 676-5614

Douglas Bond
Riverside City College
4800 Magnolia Avenue
Riverside, CA 92506
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Marion Baker
Central Piedmont C.C.
Charlotte, NC 28235

Katherine Weissman
15585 West Baldwin
Chesaning, MI 48616
Home: (517) 845-3670
C.S. Mott Community College
Flint, MI 48503
Office: (313) 232-6092

Elliott Greenberg (retired)
203 Berry Street
Park Forest, IL 60466
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Tamar (Uni) Susskind
Dept. of Natural Science
Oakland Community College
2900 Featherstone Road
Auburn Hills, MI 48326
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758 McGill Drive
Rochester, MI 48063
Home: (313) 375-9191

Jay Bardole
109 Shawnee
Vincennes, IN 47591
Home: (812) 882-5272
Vincennes University
Vincennes, IN 47591
Office: (812) 885-4372

Onofrio Gaglio
New York City Technical College
300 Jay Street
Brooklyn, NY 11201
Office: (718) 643-8242
Home: (718) 331-5780

Edith Bartley
7424 Continental Trail
Smithfield, TX 76180
Home: (817) 498-2177
Tarrant County Junior College
South Campus
5301 Campus Drive
Forth Worth, TX 76119
Office: (817) 531-4754

Ralph Burns
1452 Westbrooke Meadows Lane
Ballwin, MO 63021
Home: (314) 225-9253
St. Louis Community College-Meramec
11333 Big Bend Blvd.
St. Louis, MO 63122
Office: (314) 966-7718

John Clevenger
Office of the Chancellor
University of Nevada
2601 Enterprise Rd.
Reno, NV 89512
Office: (702)-784-4821

CONFERENCE PROGRAM

133rd 2YC₃ Conference (Midwestern Region)
Des Moines Area Community College
2006 South Ankeny Boulevard
Ankeny, Iowa 50021
September 29-30, 1995

Program Theme: **The Use of Modern Technology in Chemical Education**

Friday, September 29, 1995

- 8:00 - 4:00 Registration, exhibits, coffee
- 8:30 - 9:15 COCTYC Advisory Board Meeting
- 9:15 - 9:30 Welcome and Opening Remarks
Joseph Borgen, President, Des Moines Area Community College
- 9:30 - 10:30 "Retrospective Tutoring"
David W. Brooks, University of Nebraska
Lincoln, Nebraska
- 10:30 - 11:00 Break, exhibits, coffee
- 11:00 - 11:30 "Use of Computer Animation to Enhance Conceptual Understanding
in Chemistry"
Thomas Greenbowe, Iowa State University
Ames, Iowa
- 11:30 - 1:00 LUNCH - College cafeteria or local restaurants

CONCURRENT SESSIONS

- 1:00 - 2:00 "NSF Funding of Two-Year College Chemistry Programs"
John Clevenger, Truckee Meadows Community College
Reno, Nevada
- 1:00 - 1:30 "Use of Modern Communications Technology in Developing the
General Chemistry Curriculum: IGCN, a FIPSE Project"
Thomas Greenbowe and **Kathy Burke**, Iowa State University
Ames, Iowa
- 1:30 - 2:00 "Environmental Chemistry Curriculum at GMI"
Daryl Doyle, GMI
Flint, Michigan
- 2:00 - 2:30 Break, exhibits, coffee

CONFERENCE PROGRAM

WORKSHOPS/TOURS

- 2:30 - 4:30 Workshop "FTIR in the Undergraduate Laboratory"
Charles Salisbury, Perkin Elmer Company
- 2:30 - 4:30 Tours

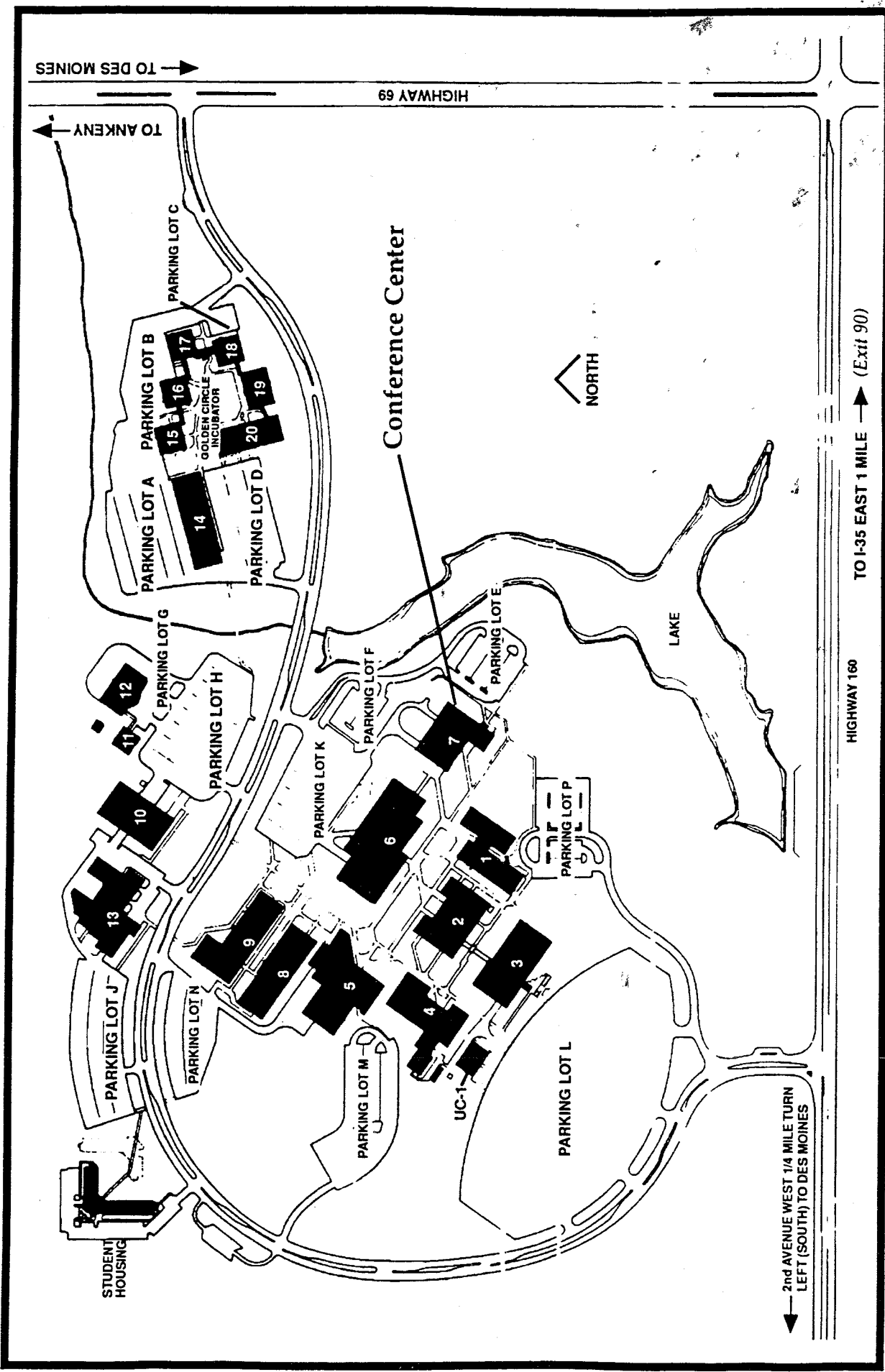
Pioneer Hybrid Co. (Protein Chemistry Lab)
Tone Brothers Spice Co. (Chemistry Lab and Plant Facilities)
- 6:00 - 7:00 Social Hour, Best Western Starlite Village
- 7:00 - 9:00 BANQUET
"Chemistry in the Crime Lab"
Doug Elrick, Iowa Department of Criminal Investigation

Saturday, September 30, 1995

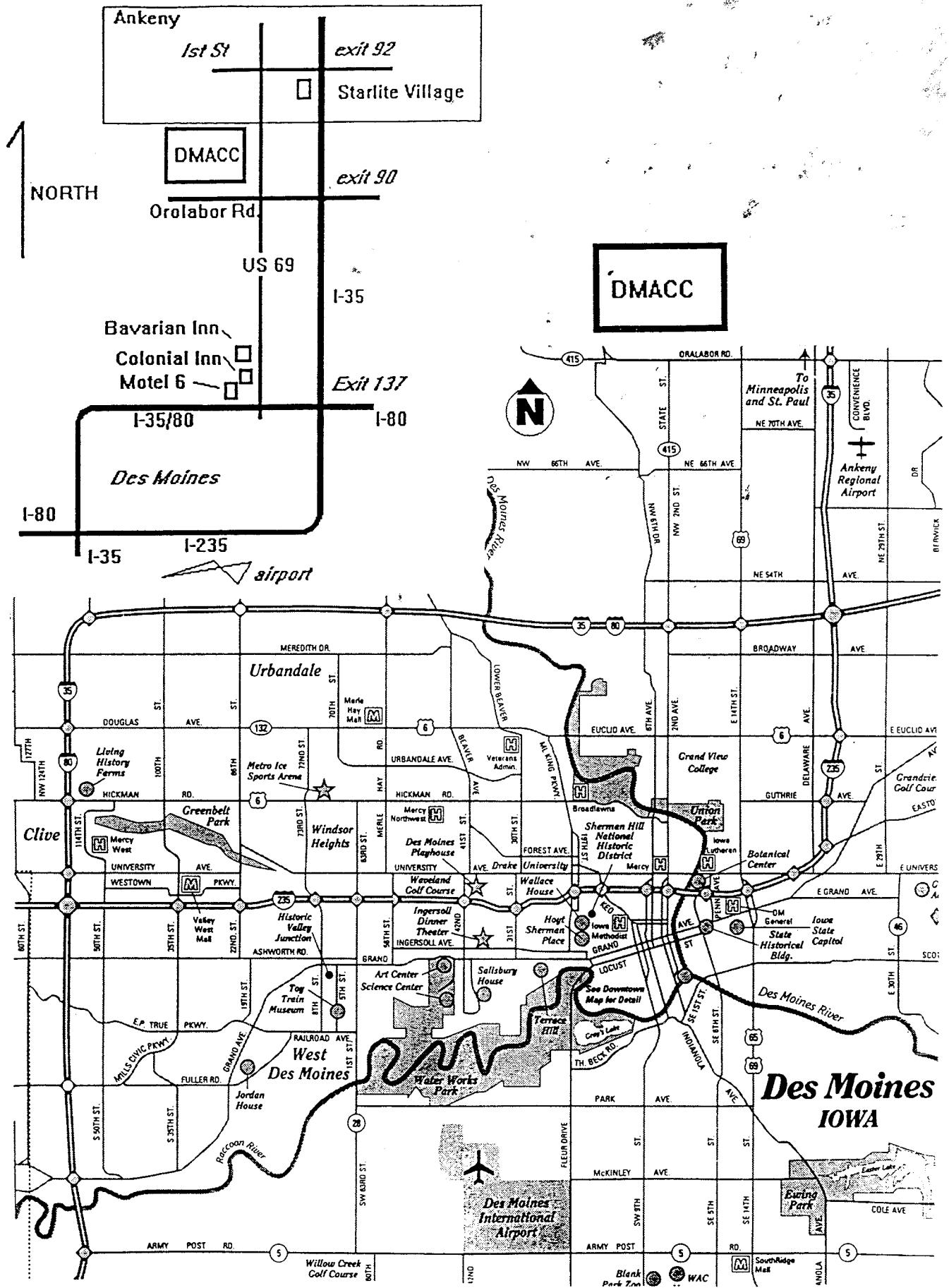
- 8:00 - 12:00 Registration, exhibits, coffee
- 9:00 - 9:45 "Networked Instructional Computing"
Stanley Smith, University of Illinois at Urbana-Champaign
- 9:45 - 10:30 "Visualization in Chemistry Through a Microcomputer"
John Gelder, Oklahoma State University
Stillwater, Oklahoma
- 10:30 - 10:45 Break, exhibits, coffee
- 10:30 - 11:30 Central Iowa Chemistry Alliance Meeting
- 10:45 - 11:30 "The Multimedia Textbook"
John Kotz, SUNY College at Oneonta
- 11:30 - 12:15 "The Impact of New Media on Textbooks and Textbook Publishers"
Ben Roberts, Prentice Hall
- 12:15 - 1:30 LUNCH - Box Lunch

WORKSHOPS (Concurrent)

- 1:30 - 4:30 "Hands-On Experience With the Calculator-Based Laboratory (CBL)"
John Clevenger, Truckee Meadows Community College
Reno, Nevada
- 1:30 - 4:30 "Microscale Laboratory Techniques"
Mono Singh, Merrimack College
Andover, Massachusetts



Conference Center and Lakeview Inn (Cafeteria) - Building 7



2YC₃ - 135th Conference
TWO YEAR COLLEGE CHEMISTRY CONFERENCE
DIVISION OF CHEMICAL EDUCATION
AMERICAN CHEMICAL SOCIETY

CALL FOR PAPERS

The Committee on Chemistry in the Two-Year Colleges, Division of Chemical Education, American Chemical Society, has scheduled its 135th Conference in New Orleans, March 22 and 23, 1996. These dates are the Friday and Saturday before the 1996-ACS National Meeting scheduled for March 24-29 in New Orleans.

THEME: *"Changing Chemical Education: K-16"*

The many changes that have taken place, and continue to take place in modern society, present tremendous challenges to all of us that teach chemistry. These challenges, among others, involve:

- * professionalism in chemistry teaching at every level
- * chemistry interfacing with other disciplines
- * collaborative efforts among different levels of educators
- * more attention to the foundations of science at the elementary and middle school levels
- * multicultural populations in our schools

The Planning Committee invites you to submit a proposal to present a workshop or paper at this conference. The enclosed form should be used to submit your proposal. Complete the form and return it no later than September 29, 1995 to

Thomas A. Gruber
Program Chair - 135th Conference
Delgado Community College
2600 Gen. Meyer Ave.
New Orleans, LA 70114
Phone: (504) 361-6410
Fax: (504) 361-6411

Use This Abstract Form

(This form may be reproduced)

A. Title: _____

B. Presenter's Name, Address, Phone, Fax Number, and Internet Address

C. Signature: _____ Date: _____

Abstract: (Provide 250 words or less in this space)

Abstract may be prepared on a typewriter or laser printer and cut and pasted in this space.