# 116th TWO-YEAR COLLEGE CHEMISTRY CONFERENCE

Chemical Potpourri



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

November 15-16, 1991 Cape Fear Community College Wilmington, North Carolina

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

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

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

# 116th Two-Year College Chemistry Conference Ridvisory Board Meeting Cape Fear Community College, Wilmington, North Carolina Friday, November 15, 1991

#### AGENDA

Note: This Meeting is an open meeting. All persons attending the conference are strongly encouraged to attend.

3	u ong	ny ericouragea to atteriu.		
1.	//	ntroductions		
	A.	Officers and Past Chairs	÷	
	В.	Self-introduction of Advisory Board Members and others pr	resent	
H.		inutes from the 115th Conference, Anne A	Arund	e)
	_	community College, Arnold, Maryland		•
	A.	, 10. 10. 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	page_	2
	В.	COCTYC, Information	page_	5
III. <sup>.</sup>	R	eports		,4-4
	A.	Anne Arundel, 115th Conference (9/27 and 28, 1991)		,
	В.	Treasurer, Duane Sell	page_	8
	C.	College Sponsors, Duane Sell	p <b>age_</b> _	9
	D.	Membership, Richard Jones	page_	17
	E.	Industrial Sponsors, Patricia McCoy-Brown	p <b>age_</b>	24
	F.	Future Meeting Sites, Ed Heath	page_	22
	6.	2YC <sub>3</sub> Survey, preliminary results	page_	18
IV.	D	ivision News		
	A.	Guidelines for Tenure and Promotion		
	В.	Task Force on General Chemistry		
	C.	Election Results		
	D.	Journal of Chemical Education		
٧.	C	communication with Other Two-Year Scien	ce/Ma	ath
	0	rganizations		
VI.	A	nnouncements and New Business		

Introduction of Additional Arrivals

VII.

VIII. Adjournment

#### COCTYC Meeting 116th Conference Cape Fear Community College Wilmington, North Carolina Saturday, November 16,1991

#### AGENDA

- 1. Approval of Minutes, Anne Arundel Meeting
- 11. Summary Report of the 116th Conference Committee
  Conference hosts, Dale Buck, Raymond Brandi, William Cheek
- III. Personnel Matters
  Chair Elect, 1993
  Membership
- IV. NSF Grant
  COCTYC Involvement
- V. Survey

  Information provided
  What else do we want to know?
  Cooperation with other two-year groups
- VI. Summer Retreat
  Agenda
- VII. Old Business
- VIII. New Business
- IX. Adjournment

Note: The time and location of the meeting will be announced.

#### 2YC<sub>3</sub> Eastern Regional Advisory Board Meeting 115th Conference Anne Arundel Community College Arnold, Maryland Friday September 17, 1991

#### **Attendance**

Twenty five names were listed on the attendance sheet. Twenty attendees were 2YC<sub>3</sub> members. Five were Regional Advisory Board members.

#### Opening

The meeting was opened at 9:30 a.m. by the Chair, Margot K. Schumm.

#### Introductions

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

#### **Minutes**

A. Advisory Board, Approval

The minutes of the 114th meeting, held at DeKalb College, North Campus, Dunwoody Georgia were approved by voice vote.

- B. COCTYC, Information
- 1. Executive Committee Meeting in New York A task force established by the Committee on Special Status submitted a report with the recommendation that educational activities of professors be considered a significant criteria for evaluation of tenure and promotion. This recommendation will be sent to every chemistry department in the country. For too long, research has been the major consideration for tenure and promotion in many four year colleges and universities. The ACS task force recommendation should go a long way toward placing activities related to teaching on an equal level of importance. The complete report of this task force will appear in the first 2YC3 newsletter in 1992.
- 2. Division of Chemical Education programming activities Elliott Greenberg said at the meeting prior to the Executive Committee Meeting in New York, ACS National suggested the division of chemical education should have more programming. It was pointed out that, in the past, the division has not included 2YC3 conferences in its list of programming. ACS National would have a more accurate picture of division programming if these conferences were included in the division report. The four 1991 2YC3 newsletters and a recommendation to this effect has been sent to Bob Silberman, Program Chair, ACS Division of Chemical Education.

#### Reports

- 1. Margot Schumm presented a report on the 114th Conference at Dunwoody Georgia. The meeting was very successful, with some excellent symposia. There were over one hundred people in attendance.
- 2. Duane Sell presented the Treasurer/College Sponsor's report. Duane referred the members to the Statement of Income and Expenses, and the list of College Sponsors. The committee is in good shape financially, but there is always room for improvement. As of September 27 there are a total of 124 college sponsors. This reflects an increase of 27 sponsors since April 12, 1991. Members are encouraged to request their administrators send the \$25.00 sponsor's fee to Duane so there institutions can be included in the published list of college sponsors. If there is a community college in your area not on the list, please make a photocopy of the sponsor's application from the newsletter and send it to the institution with a request that they send in their sponsors fee. Regional Chairs are also encouraged to obtain a list of colleges in your region from Dick Jones, eliminate the current sponsors, and send out a request for

sponsorship to these institutions with an application enclosed. 2YC<sub>3</sub> has a contest in progress to see who can bring in the most new college sponsors in the coming year. To enter the contest, participants must submit a minimum of 5 new sponsors. The winner will receive an award of \$100.00. December 1, 1991 is the deadline for the contest.

- 3. Dick Jones, Membership Chair, said 2YC<sub>3</sub> has a total of 600 paid members. One thousand two hundred (1200) questionnaires have been mailed to college presidents to collect information needed for various purposes by 2YC<sub>3</sub>, and to educate college presidents and upper level administration regarding 2YC<sub>3</sub> activities. Another batch will be mailed in October or November. Each packet includes a membership and college sponsor's application. A summary of data collected will be published in an upcoming newsletter. Membership is also continuing a contest. Contestants must submit a minimum of 25 new members. The winner will receive \$100.00. The deadline is December 1, 1991.
- 4. Patricia McCoy-Brown, Industrial Sponsors Chair said, after double checking the list, there are a total of 19 active industrial sponsors. Conference directors are encouraged to recruit additional sponsors. The exhibits at this conference were outstanding and well attended. Falcon Software has purchased an advertisement in the 1992 newsletters and more ads are in the process of being sold. This is the first year 2YC3 has sold advertising in the newsletter. Two thousand (2000) copies are mailed throughout the United States, and there are four issues. Encourage your chemical, equipment, and supplies companies, and publishers to advertise in the newsletter. Advertising space is limited, and this space is sold on a first-come-first-serve basis. Actively recruit your local representatives to participate as sponsors and advertisers. Sponsors at this conference provided a complimentary luncheon just prior to the National Chemistry Week presentation.
- 5. Ed Heath, Chair elect, said the meetings calendar has been completed through May of 1997. The Site Selection Committee is in the process of filling in the blank spots with conference sites. Colleges interested in sponsoring future meetings should contact a Site Selection Committee Member as soon as possible. It is much easier to plan your conference if you give yourself two or three years lead time. The Site Selection Committee Members are:

#### Eastern Region

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

#### **Southern Region**

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

#### Midwestern Region

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

#### Western Region

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

#### **NSF Update**

It is becoming more and more evident that the National Science Foundation and people all over are beginning to realize how important the community college is in feeding the pipeline supplying chemists for our country. We are in a position now to really make an impact and to take our rightful place in the community of chemical education. If you are interested in being an NSF reviewer, please send your name and address to Margot Schumm. It is

important that we participate in this process and educate other reviewers regarding the special needs of community college science and math departments.

Several years ago Duane Sell and John Clevenger came up with an idea to ask for moneys supporting a summer workshop on instrumentation. The grant was not funded in its original form, however, Dick Jones joined the group, the proposal was rewritten, submitted again, and accepted by the National Science Foundation. More information regarding the workshop will appear in an upcoming 2YC3 newsletter. These individuals along with Kathy Weisman and others who assisted are to be congratulated and thanked by all 2YC3 members. Terri Nally recommended the workshop be advertised in CHEMUNITY NEWS in addition to the newsletter.

Minority Participation in 2YC<sub>3</sub>

Minority Participation in leadership roles in the Division of Chemical Education and in 2YC3 needs to improve. Warren Grant, a member of the Chemistry Department at Montgomery College, Rockville Campus, and a minority member of 2YC3, suggested a minority college should sponsor a 2YC3 conference on their campus. The extended conference calendar should provide the time necessary to plan one or more conferences on minority campuses. 2YC3 requests professors at minority campuses to respond to this suggestion. They may contact their regional Site Selection committee member or Ed Heath, Chair elect, 1992.

In the last few years the Journal of Chemical Education and the public in general are beginning to encounter problems that community colleges have been dealing with for years. Some time ago there was an editorial in the journal that had to do with accommodating the needs of returning older students — students that are not the traditional four year college and university student. On "All Things Considered", September 17, 1991, there was a piece on the controversial program at Berkeley to have the university report the ethnic diversity and background of California. We in the community college represent the ethnic diversity of our community. We have experience in both areas we can share with the four year schools.

Publicity, Public Relations and C&EN

Margot Schumm recently received a letter from the editor of C&EN listing about seventy items on education that were published in the 1990 C&EN. Most of the items were announcements of successful grant applications, etc., but there was very little on the "nuts and bolts" of chemical education, the kinds of exciting things happening in the education community, the networking we are beginning to do, and the continuum developing beginning at the elementary schools and going to the universities. Several suggestions for improving the situation were listed in volume four of the newsletter. It is our responsibility to assist in remedying the situation. We must barrage Ward Worthy, News Bureau Head, C&EN, with articles that describe the outstanding contributions of individuals and groups to the world of chemical education and chemical education to the world.

#### Introductions of Additional Arrivals

Late arrivals introduced themselves and were asked to sign the attendance list.

#### **Announcements and New Business**

There were no announcements or new business.

#### **Adjournment**

The meeting was adjourned at 10:37 a.m.

Respectfully Submitted,

Ed Heath, Chair elect 1991

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

#### **Members Present**

Pat McCoy-Brown, Elliott Greenberg, Ed Heath, Dick Jones, David Kline, Duane Sell, Margot Schumm

#### Call to Order

Margo Schumm, Chair, called the meeting to order at 3:45 p.m.

#### Approval of Minutes of COCTYC Meeting, 114th Conference

The minutes of the COCTYC Meeting held at Dekalb College, North Campus, Dunwoody, Georgia were approved as written.

#### Summary Report of the 115th Conference

Sridharan lyengar said there were no problems, and the organizers felt the conference was very successful. Debbie Reeder said she would send names and addresses to Margot for appropriate letters of thanks. Sri suggested increased participation by Student Affiliates would be an asset to future conferences. Debbie agreed to assist Dick with attendance information, and Sri said he would forward information to be included in a future newsletter to Ed Heath. Debbie also said the letter from the president of the college indicating the administration would support the conference helped in facilitating work in various areas such as food service, print shop, etc. Public relations efforts aimed at high school chemistry teachers and the general public resulted in attendance by several atypical members of the professional community, including some representatives from the National Institutes of Health. Elijah Pugh said initial response from industrial sponsors was limited, but follow-up communication yielded much better results. All exhibitors seemed very happy with booth attendance. It was helpful for exhibitors to send exhibit hardware ahead, prior to the conference. Sri was happy with overall attendance, but was a little disappointed with area community college attendance. It was the general consensus that conference participants appreciated having time to visit the exhibits and each other; the way events were spread out added to the success of the conference. On behalf of COCTYC Margot complimented the organizers for an outstanding conference, and encouraged them to continue their active support of 2YC<sub>3</sub>.

#### **Personnel Matters**

- Chair elect Nominations, 1993: Nominations for Chair elect were postponed until the Cape Fear meeting.
- **Editor**: It was decided that we will have an editor, the duties of which will be determined at the summer workshop. The editorship will begin in 1993.
- Secretary: The secretaries responsibilities will be fulfilled by the editor and Chair elect. An early draft of the minutes should be sent to the chair to assist in the preparation of the agenda for the coming meeting. There is no need for a secretary as such.
  - 4. **Regional Committees**: The Chair elect was directed to bring an attendance summary to the Cape Fear meeting to be used in the re-appointment of advisors. A letter was sent to regional chairs requesting names to be considered for new appointments. A deadline for regional chairs' suggestions will be set prior to the Cape Fear meeting, perhaps November 1. **ACTION ITEM**: A motion was made and seconded that Past
  - perhaps November 1. **ACTION ITEM**: A motion was made and seconded that Past Chairs be considered ex officio members of the COCTYC with emeritus status, paid lifetime membership, and privileges to attend all COCTYC meetings, and will receive future copies of the agenda and minutes of all meetings. The motion passed unanimously.

#### Reports

- 1. Elliott Greenberg reported on the status of the College Chemistry Canada meeting. A program chair, etc., needs to be appointed for the meeting as soon as possible. Harry Hajian and Shahid Jalil will be contacted regarding this matter in the immediate future.
- 2. Ed Heath reported on future meeting sites. It was decided to move the western regional meeting, Mar. 30-31, 1995, to a different location, such as Tucson, Santa Fe, or Albuquerque, but not change the date. Bill Wasserman will be asked to assist in this matter. The chair will fly to the national meeting in Anaheim, Saturday, Mar. 31. The first fall meetings from 1993 to 1996 will be moved to the last week in September or the first week in October. Other appropriate changes will be made, and sent to Site Selection Committee members as soon as possible.
- 3. Dick Jones reported on membership, questionnaire, and mailing list revision. He is in the process of revising the mailing lists and plans to have this task finished by the middle of November. Work will continue on a more permanent data base solution to mailing list problems. The first questionnaire response was moderately successful. A second request will be sent after this meeting.
- 4. Pat McCoy-Brown reported on industrial sponsors. Information on procedures, schedules, dates, etc. was distributed to COCTYC members. Invitations to sponsors are sent two months prior to conferences, with a copy of the newsletter and an exhibit request form. The importance of locating exhibits close to the refreshment area, the success of holding a raffle supported by the exhibitors, and the local industrial sponsor coordinator and program chair allotting enough time for members to visit the exhibit area were emphasized. Other details on the handout were discussed by the committee. SPECIAL REQUEST: Pat requested advisory board members and members of the COCTYC to send her a list of potential sponsors to facilitate growth of the industrial sponsors list. In the letter sent to the sponsors, information regarding newsletter advertisements is also included. Thus far, Falcon Software has responded to the call for advertisers. The limited space for advertisers will be reserved on a first come first serve basis.
- Margot Schumm reported on the DivCHED Executive Committee Meeting, Public Relations, Contributions, Totem Pole and Address Labels for COCTYC. One of the most significant topics at the DivCHED meeting was the "Guidelines for Tenure and Promotion" which will appear in the first 1992 2YC3 newsletter. The Task Force on Introductory Chemistry plans to present their recommendations at the Spring ACS Meeting. In the public relations area Margot asked the DivCHED committee to issue a press release about the academic criteria for teaching and activities that have to do with teaching rather than "wet" chemistry; they accepted the recommendation and voted to act on it; thus far, no information has been noticed in C&EN. She also made an informal recommendation that the committee elect a public relations officer the duties of which would be to publicize activities of the division. The division was commended for their contribution to "Campaign for Chemistry" in the name of all its members. It was suggested that 2YC3 have an address and telephone list similar to the division's "Totum Pole" which should include the past 2YC3 chairs, the main contact people in the division, and the staff in the office of college chemistry. Dick said he would request necessary information for such a list when he writes the emeritus members, incorporate these names with Margot's list, and send a copy to the COCTYC members.
- 6. Duane Sell reported on college sponsors and the budget. As of this meeting we have 124 college sponsors. Many of our new college sponsors are a result of Dick's mailing. Invoices for the 1992 year will be mailed in the near future, and colleges are encouraged to renew their sponsorship. Duane reviewed the itemized budget proposal, mentioned the income from advertisers in the news letter, and the fact that the summer retreat will be included in the revised budget. Pat is going to take care of arrangements for the Kentucky retreat. **ACTION ITEM**: A motion was made

and seconded to provide \$250 to conference organizers one calendar year prior to their conference to act as seed money, not to be used as stipends, speakers' fees, or other restricted expenditures, and to be returned at the end of the conference from conference income. All remaining income may be kept by the departments of the conference organizers. The motion passed with one abstention. Travel stipends were discussed; no action was taken.

#### **COCTYC Calendar**

Activity calendars were requested from each member to use in the preparation of an agenda for the summer retreat, tentatively scheduled for May 29-31, 1992. Committee members were asked to send any revisions to Margot, in order to collate and distribute the calendars at the retreat. The agenda will be discussed at a future COCTYC meeting. Some items include revision of the packet sent to conference coordinators, duties of the newsletter editor, and realignment of the officers' responsibilities.

#### **Old Business**

The in-depth study, the summer retreat, and the NSF grant have been covered previously. No additional old business was discussed.

#### **New Business**

Elliott was directed to order plaques for past chairs up to Dick Gagliorie. Future recognition of past chairs will be discussed at another meeting.

#### Adjournment

The meeting was adjourned at 11:45 p.m.

Respectfully Submitted,

Ed Heath, Chair elect 1991

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

#### STATEMENT OF INCOME AND EXPENSE

FOR THE PERIOD OF 09/01/91 TO 10/01/91

#### BEGINNING BALANCE

**\$12836.35** 

		r PERIOD		R TO DATE	***
211221	RATIO	* AMOUNT	RATIO <sup>®</sup>	AMOUNT	
INCOME					
DivCHED	68.2	2000.00	17.4	2000.00	
Membership Dues	2.7	80.00		3360.00	
College Sponsors	6.0	175.00	22.8	2625.00	
Industrial Sponsors	20.5	600.00	14.8	1700.00	
Meetings	0.0	0.0	2.9	328.45	
INTEREST				÷	
Checking Account	2.6	77.38	3.0	348.31	1
From CD's	0.0	0.00	10.0	1148.45	
TOTAL INCOME	100.0	\$ 2932.38	100.0	\$11510.21	15768.73
EXPENSES					
TRAVEL	27.4	803.41	25.1	2888.89	
NEWSLETTER	<b>Le</b> , • 2		23.1	2000.00	
Printing & Postage	13.2	387.87	16.2	1866.29	
OFFICE	4.7	136.74			
			0.9		
POSTAGE	1.3	37.05			
TRANSFER TO CD	0.0	0.00	21.7	2500.00	
TOTAL EXPENSES	46.6	\$ 1567.31	70.8	\$ 8149.86	
NET INCOME (LOSS)	53.4	\$ 1567.31	29.2	\$ 3360.35	

CURRENT BALANCE

\$14201.42

To date there are 128 COLLEGE SPONSORS. Please review the list of active College Sponsors enclosed in this Agenda Book. If you know of a college that is not on this list, including your own, please encourage them to become a COLLEGE SPONSOR. This agenda book contains an application form for COLLEGE SPONSORSHIP. Please use it and contact me if you need additional application forms.

Respectfully Submitted

Duane Sell, Treasurer and College Sponsor Chairperson

# 1991 College Sponsors Active List

printed 10/09/91

Prof. Don Harris Aims Community College 5401 W. 20th Street Greeley, CO. 80634

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

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

Edmund J. Zoranski Atlantic Community College

Mays Landing, NJ. 08035

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

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

Mr. Curt Shipley Butler County Community College 901 S. Haverhill Road El Dorado, KS. 67042

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

Dr. Douglas E. Zabel Charles County Community College P.O. Box 910 LaPlata, MD. 20646 Mrs. Betty Graef
Alvin Community College
3110 Mustang Rd.
Alvin, TX. 77511

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

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

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

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

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

Mrs. Peggy Green Broward Community College-North 1000 Coconut Creek Blvd. Coconut Creek, FL. 33066

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

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

Mrs. Martha Brosz Cincinnati Technical College 3520 Central Parkway Cincinnati, OH. 45223

Ms. Margie Arighi Clackamas Community College 19600 S. Molalla Ave. Oregon City, OR. 97045

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

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

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

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

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

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

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

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

Diane Schulman Erie Community College 4140 Southwestern Blvd. Orchard Park, NY. 14127 Mr. Al Salerno Clark State Community College P.O. Box 570 Springfield, OH. 45501

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

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

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

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

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

Dr. Helen Bell Dyersburg State Community College 1516 Nichols Avenue Dyersburg, TN. 38024

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

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

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

#### 1991 College Sponsors Active List

printed 10/09/91

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

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

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

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

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

Taylor Pancoast Jamestown Community College 525 Falconer Street Jamestown, NY. 14701

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

Chem.Dept Chair. Johnson County Community College 12345 College at Quivira Overland Park, KS. 66210 Dr. Martin VanDyke Front Range Community College 3645 W. 112th Avenue Westminster, CO. 80030

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

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

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

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

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

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

Mr. V.L. Wolfmeyer Jefferson College P.O. Box 1000 Hillsboro, MO. 63050

Mrs. Pat McCoy Brown Jefferson Community College/DT 109 East Broadway Louisville, KY. 40202

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

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

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

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

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

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

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

Ms. Dorothy A Stumpf Middlesex Community College Springs Road Bedford, MA. 01730

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

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

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

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

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

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

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

Dr. Edmund Leddy Miami-Dade Community College-North Chemistry/Earth Science Department Miami, FL. 33167

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

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

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

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

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

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

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

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

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

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

Mary Jo Podrebarac Penn Valley Community College 3201 Southwest Blvd. Kansas City, MO. 64111

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

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

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

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

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

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

Prof. George Davis Norwalk Community College 188 Richards Ave. Norwalk, CT. 06854

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

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

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

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

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

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

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

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

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

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

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

Ms. Lucette Held South Suburban College 15800 South State Street South Holland, IL. 60473

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

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

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

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

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

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

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

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

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

# 1991 College Sponsors Active List

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

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

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

Mr. Gordon Harrach Western Nebraska Community College 1601 E. 27th Scottsbluff, NE. 69361 printed 10/09/91

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

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

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

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

#### COMMITTEE ON CHEMISTRY THE TWO-YEAR COLLEGE

#### Division of Chemical Education, American Chemical Society

#### APPLICATION FOR COLLEGE SPONSORSHIP

College name	• •	Date
Address: (Street)		7
(City)	(State)	(Zip)
Contact Person		
[ ] Prof. [ ] Dr. [ ]	Mr. [ ] Ms.	[ ] Miss [ ] Mrs.
Telephone (Area Code)	(Number)	(Ext)
Address (if different from	above)	4 ,
All questions and correspon Sponsorship should be direc		lege

Palatine, IL 60067-7398

Phone: (708) 397-3000 Ext. 2408

Please make check for \$25 payable to:

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

and return with the completed application to:

DUANE SELL

at the above address

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

Thank you for your sponsorship.

116th 2YC3 MEMBERSHIP REPORT

Total Members as of 1991 - 572

Submitted by
Richard F. Jones

October 21, 1991

2YC3:QUESRESL

#### Who Are We?

#### Richard Jones, 2YC3 Membership Chairperson

Last May a questionnaire was mailed to approximately 1200 two-year colleges. The purpose of the questionnaire was two-fold: First, we wanted to bring 2YC3 to the attention of the top administrators of two-year colleges. Second, we wanted to gather the information asked on the forms.

Because the primary purpose of the mailing was to inform the top administrators of two-year colleges about 2YC3, the questionnaire was addressed to the President of the college. Included with the questionnaire were informational brochures, individual membership forms and college membership forms. The idea was for the President to pass the questionnaire down the hierarchy to the chemistry department. Despite this inefficient means of getting the questionnaire to the chemistry department, we received 226 questionnaires back. (In case you're wondering, my own school did not respond!!!)

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

Location of College Urban: 67 Suburban:	74 Rural: 86
Fall FTE of College  0 to 1999: 101 2000 to 3999: 50 4000 to 5999: 19 6000 to 7999: 7 8000 to 9999: 5 10000 to 11999: 19 12000 to 14000: 5 above 14000: 7	Fall FTE of Chemistry  0 to 19: 6 20 to 39: 25 40 to 59: 28 60 to 79: 18 80 to 99: 13 100 to 119: 15 120 to 139: 11 140 to 159: 15 160 to 179: 3 180 to 199: 7 200 to 219: 7 above 220: 19

Number of Full-Time Chemistry Faculty 92 Five: 10 One: Nine: 9 Two: 68 Six: Ten: 1 Seven: Three: 26 3 Eleven: 1 Four: 18 Eight: 2 Twelve:

Full-Time Chemical Technician Yes: 72 No: 157

Degrees held by Chemistry Faculty Doctorate: 246

Doctorate: 246 Masters: 295 Bachelors: 20

Racial Background of Chemistry Faculty

Afro-American: 14
Hispanic: 6
Asian: 37
Caucasian: 474
Other: 11

Sex of Chemistry Faculty
Male: 400 Female: 140

# 2YC3 Faculty Questionaire College Address

College Name _		
Street Address _		
City	, State	, Zip Code
School Phone	N. C.	
	Chemistry Fa	aculty
	}	
		ANT TO SERVICE
Chairperson		Phone
Faculty _		Phone
Faculty _		Phone
Faculty		Phone
Faculty _		Phone
Faculty _	•	Phone

\*\*\* Questionnaire continues over \*\*\*

#### \*\*\* 2YC3 Questionnaire Continued \*\*\*

Fall 1990 FTE of College	
Location of College Urban Suburban Rural	هـ
Total Enrollment of Chemistry Courses. (Fall 1990 FTE)	
Number of Full-Time Chemistry Faculty	
Do you have a full time chemical technician?	Y N
Distribution of Faculty Degrees held by Chemistry Faculty	4
Number of Doctorate Degrees	
Number of Masters Degrees	
Number of Bachelors Degrees	
Racial Background of Chemistry Faculty	
Afro-American	e <del>v.</del>
Hispanic	*
Asian	
Cacausian	
Other	
Sex of Chemistry Faculty M F	
Age of Faculty	
Number of Faculty age 20 to 29	
Number of Faculty age 30 to 39	
Number of Faculty age 40 to 49	
Number of Faculty age 50 to 59	
Number of Faculty age 60 and above	

#### TWO-YEAR COLLEGE CHEMISTRY CONFERENCE SITES

#### 1991-92 ACADEMIC YEAR

#### 116th Conference (Southern Region)

Nov. 15-16, 1991 - Cape Fear Community College, 411 N. Front St., Wilmington, NC 28401 (9,19) 343-0481

**Program Theme:** 

CHEMICAL POTPOURRI

Program Chair:

Dale R. Buck, Chemical Tech. Dept., Cape Fear C.C.

\* OFFICE: (919) 343-0481, EXT. 263 HOME: (919) 762-6369 Raymond P. Brandi, Marine Tech, Dept,. Cape Fear C.C.

Local Arrangements Chair:

**Exhibits Coordinator:** 

OFFICE: (919) 343-0481, EXT. 260; HOME: (919) 763-7192

William E. Cheek, Chemistry Department, Central Piedmont C.C., 1201 Elizabeth Avenue at Old Kings Drive, Charlotte, NC 28204

OFFICE: (704) 342-6968 or 6603; HOME: (704) 535-3418

117th Conference (Western Region)

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

\* April 5-10, 1992 - College of Marin, 835 College Avenue/Sir Francis Drake Kentfield (Marin County), CA 94904

(415) 485-9513 - FAX: (415) 485-0135

**Program Theme:** 

CHEMISTRY, STILL THE CENTRAL SCIENCE

Program Co-Chairs:

Elizabeth Armstrong, Dean of Sciences, Canada College,

4200 Farmhill Blvd., Redwood, CA 94061 OFFICE: (415) 306-3291; FAX: (415) 365-2187;

HOME: (415) 239-5401

Laurie O'Connor, Department of Chemistry, Chabot College,

25555 Hesperian Blvd., Hayward, CA 94545 OFFICE: (510) 786-6891; HOME: (510) 352-7974

Local Arrangements Co-Chairs:

Housing/Travel Information: Dr. O.H. Bezirjian, Marin College

**OFFICE:** (415) 485-9515;

Campus Facilities: Dr. Lydia Bearden, Marin College

**OFFICE:** (415) 485-9517

**Exhibits Coordinators:** 

Book Exhibits Coordinator: Courtney Anderson,

Santa Rosa Junior College. OFFICE: (707) 597-4656

Instrument Exhibit Coordinator: Dr. Manus Monroe, Marin College

**OFFICE:** (415) 485-9514

Shipping Address: Receiving Department/College of Marin,

120 Kent Avenue, Kentfield, CA 94904-2590

#### 118th Conference (Midwest)

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

**Program Theme:** 

ROLE OF THE LAB IN UNDERGRADUATE CHEMISTRY

Program Chair:

Joseph Maguire, Henry Ford Community College OFFICE: (313) 845-9632; HOME: (317) 277-1162

Local Arrangements Chair:

Laura Yeakel

OFFICE: (313) 845-9632; HOME: (313) 782-1556

**Exhibits Coordinator:** 

Joseph Muscarella

OFFICE: (313) 845-9632; HOME: (313) 995-8742

<sup>\*</sup> Indicates new or revised information

#### 119th Conference (12th Bienniel)

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

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

**Program Co-Chairs:** 

Daniel (Danny) White, PH.D., American River College,

Sacramento, CA 95841

OFFICE: (916) 484-8385; HOME: (916) 331-7766

Linda Zarzana

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

1992-93 ACADEMIC YEAR

#### 120th Conference (Southern)

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

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

Program Theme:

TEACHING CHEMISTRY IN THE LABORATORY

Program Chair:

Jerry Foster, Physical Science Department, Amarillo College

Local Arrangements Chair:

OFFICE: (806) 371-5327
Peggy Alley, Physical Science Department, Amarillo College

OFFICE: (806) 371-5327; FAX: (806) 371-5370;

HOME: (806) 857-3426

**Exhibits Coordinator:** 

Mary Graff, Physical Science Department, Amarillo College

OFFICE: (806) 371-5326

#### 121st Conference (Western Region)

Nov. 13-14, 1992 - Mt. Hood Community College, 26000 S.E. Stark St., Gresham, OR 97030

(503) 667-6422 - FAX: (503) 667-7389

Program Theme:

CHEMISTRY AND THE ENVIRONMENT - HEALTH HAZARDS:

LIVING IN THE 21ST CENTURY

Program Chair:

Richard Bolesta, Science Department, Mt. Hood Community College

**OFFICE**: (503) 667-7361; **HOME**: (503) 665-6353

Local Arrangements Chair:

Gil Albelo, Science Department, Mt. Hood Community College

OFFICE: (503) 667-7365; HOME: (503) 666-3276

**Exhibits Coordinator:** 

**Paul Sunset** 

HOME: (503) 253-5317

#### 122nd Conference (Midwestern Region)

Apr. 16-17. 1993 - Normandale Community College, 9700 France Avenue South, Bloomington, MN 55431

(612) 830-9300

Contact Person:

Warren Eidsness

123rd Conference (Eastern Region) (In Conjunction with C<sub>3</sub> Canada)

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

**Contact Persons:** 

Harry Hajian and Tom Whitfield, Community College of Rhode Island

(401) 825-2257 or (401) 825-2012;

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

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

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

All 2YC<sub>3</sub> 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. 2YC<sub>3</sub> can function more effectively to serve all community colleges when all persons participate. We welcome your suggestions.

\*Indicates new or revised information.

#### REPORT OF 2YC3 INDUSTRIAL SPONSORS

Current Industrial Sponsors to Date: 20

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Ace Glass Inc.

Fisher Scientific

Chemical Education Research Inc.

Falcon Software

Instruments for Research and Industry

Edovek Inc.

Varian Chromatography System

Saunders College Publishing

Ohaus Corporation

November 11, 1991 Submitted by Patricia McCoy-Brown

# CONFERENCE SUMMARY CALENDAR

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

128th (BIENNIAL) 137th (BIENNIAL)

# 116th 2YC3

## CAPE FEAR COMMUNITY COLLEGE

411 North Front Street, Wilmington, NC 28401

Friday, November 15 and Saturday, November 16, 1991

PROGRAM THEME: Chemical Potpourri

Southport, NC

"REAL" Chemistry, Chemical Technology, Microscale Chemistry,

High School Chemistry, Safety, etc.

PROGRAM: Dale Buck (919) 343-0481 ext. 263 Cape Fear Community College (919) 762-6369

LOCAL ARRANGEMENTS:

Ray Brandi (919) 343-0481

Cape Fear Community College

**EXHIBIT COORDINATOR:** 

Bill Cheek (704) 342-6968 or 6603 Central Piedmont Community College 1201 Elizabeth Ave. at Old King's Drive

Charlotte, NC 28204

#### Friday, November 15, 1991

8:00 - Until	Registration / Coffee, Etc. / Exhibits	-	
8:30 - 9:30	COCTYC Meeting, Margot K. Schumm, Chair		
9:45 - 10:00	Introduction and Welcome Margot K. Schumm, Chair, COCTYC Richard C. Conrath, President, CFCC		
10:00 - 10:45	Microscale Chemistry Mono M. Singh, Merrimack College, North And	over, MA	
10:45 - 11:15	Chemical Technology — Perspectives on Techr John Kenkel, SECC, Lincoln, NB	nician Training	9
11:15 - 11:45	Chemical Technology — ACS update Ken Chapman, ACS, Washington, DC	s e	
11:45 - 1:00	LUNCH — Suggestions and Maps provided		
	SESSION A	<u>SE</u>	SSION B
1:00 - 1:30	"REAL" Chemistry — Immunoglobulins Lynn Gerrall, Applied Analytical Inc. Wilmington, NC	1:00 - 2:30	EPA / OSHA Regulations Dennis Graham Safety-Kleen Corp. Elgin, IL
1:30 - 2:00	"REAL" Chemistry — Chrome Products Robert Running, Occidental Chemicals Castle Hayne, NC		(Same as Sat. AM)
2:00 - 2:30	"REAL" Chemistry — Citric Acid Dale Carter, Archer-Daniel-Midland		

# CONFERENCE PROGRAM

# 116th 2YC3

2	:30 - 2:45	BREAK — Exhibits / Coffee, Etc.		
.2	:45 - 3:15	"REAL" Chemistry — "Unknown" Samples Roger Oxford or Bruce Babson, Oxford Laboratories Wilmington, NC		
3	:15 - 3:45	"REAL" Chemistry — Forensic Chemistry Ralph Keeton, NC State Bureau of Investigation Raleigh, NC		
4	:00 - 5:00	Chemical Technology — Discussions and Updates Brief presentations / Question and answer session John Kenkel, presiding		
6	:00 - 9:00	Social & Banquet — Wilmington Hilton (\$20.00) NC Governor Jim Martin — (Former Chem Prof., Davi "Politics and Chemical Waste" (TENTATIVE)	idson U.)	
Satur	day, Novembe	r 16, 1991		
8	:30 - Until	Coffee, Etc. / Exhibits		
9	:00 - 9:30	"REAL" Chemistry — Pharmaceutical Analysis Jerry Roberts, Applied Analytical, Wilmington, NC		**** *********************************
9	:30 - 10:00	High School Chemistry — Kitchen Chemistry Becky King, New Hanover High School, Wilmington,	NC	
1	0:00 - 10:15	BREAK — Exhibits / Coffee / Etc.		
1	U:00 - 10:15	BREAK — Exhibits / Coffee / Etc.  SESSION A	<u>SES</u>	SION B
	0:00 - 10:15 0:15 - 10:45		<u>SES:</u> 10:15 - 11-:45	EPA / OSHA Regulations Dennis Graham
1		SESSION A  Computers: Chemistry/Physics/Math		EPA / OSHA Regulations
	0:15 - 10:45	SESSION A  Computers: Chemistry/Physics/Math James Reeves, UNCW, Wilmington, NC  "REAL" Chemistry — Vitamin Production	10:15 - 11-:45	EPA / OSHA Regulations Dennis Graham Safety- Kleen Corp. Elgin, IL
1 1 1	0:15 - 10:45 0:45 - 11:15	SESSION A  Computers: Chemistry/Physics/Math James Reeves, UNCW, Wilmington, NC  "REAL" Chemistry — Vitamin Production Keith Nuttle, Takeda, Inc. Wilmington, NC  Making Science Accessible to Students with Disability David Lunney	10:15 - 11-:45	EPA / OSHA Regulations Dennis Graham Safety- Kleen Corp. Elgin, IL
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1 1 1 1 1 1 1 1	0:15 - 10:45 0:45 - 11:15 1:15 - 11:45	SESSION A  Computers: Chemistry/Physics/Math James Reeves, UNCW, Wilmington, NC  "REAL" Chemistry — Vitamin Production Keith Nuttle, Takeda, Inc. Wilmington, NC  Making Science Accessible to Students with Disability David Lunney East Carolina University, Greenville, NC  LUNCHEON, CFCC Cafeteria (\$5.00)  Chemical Technology — CHEM TECH - Then and No	10:15 - 11-:45	EPA / OSHA Regulations Dennis Graham Safety- Kleen Corp. Elgin, IL
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0:15 - 10:45 0:45 - 11:15 1:15 - 11:45 1:45 - 1:00 :00 - 1:30	SESSION A  Computers: Chemistry/Physics/Math James Reeves, UNCW, Wilmington, NC  "REAL" Chemistry — Vitamin Production Keith Nuttle, Takeda, Inc. Wilmington, NC  Making Science Accessible to Students with Disability David Lunney East Carolina University, Greenville, NC  LUNCHEON, CFCC Cafeteria (\$5.00)  Chemical Technology — CHEM TECH - Then and Not Harry Hajian, C.C. of R.I., Warwick, RI  Chem Tech — Program Update	10:15 - 11-:45	EPA / OSHA Regulations Dennis Graham Safety- Kleen Corp. Elgin, IL
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1	0:15 - 10:45 0:45 - 11:15 1:15 - 11:45 1:45 - 1:00 :00 - 1:30 :30 - 2:00	SESSION A  Computers: Chemistry/Physics/Math James Reeves, UNCW, Wilmington, NC  "REAL" Chemistry — Vitamin Production Keith Nuttle, Takeda, Inc. Wilmington, NC  Making Science Accessible to Students with Disability David Lunney East Carolina University, Greenville, NC  LUNCHEON, CFCC Cafeteria (\$5.00)  Chemical Technology — CHEM TECH - Then and Note Harry Hajian, C.C. of R.I., Warwick, RI  Chem Tech — Program Update Carol White, Athens Area T.I., Athens, GA  "REAL" Chemistry — Municipal Water Supplies and Velma Hagens, Sweeney Water Plant, Wilmington, N	10:15 - 11-:45	EPA / OSHA Regulations Dennis Graham Safety- Kleen Corp. Elgin, IL