CHEMISTRY-DIVERSIFIED VIEW POINTS



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

Friday, March 11 and Saturday, March 12, 1988

AMERICAN RIVER COLLEGE

4700 College Oak Dr.

Sacramento, CA 95841

1988 EXECUTIVE COMMITTEE

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St. Louis Community College—Meramec 11333 Big Bend Blvd. St. Louis, MO 63122 Office: (314) 966-7718 Home: (314) 225-9253

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Onofrio Gaglione Jay Bardole Marion Baker Tamar Susskind Douglas Bond Katherine Weissmann

MEETING

Two Year College Chemistry Conference



American River College Sacramento, California

March 11 – 12, 1988



99TH TWO-YEAR COLLEGE CHEMISTRY CONFERENCE

Joint Conference In Conjunction With California Association of Chemistry Teachers And The Bay Area - 2YC3

Conference Theme:

CHEMISTRY - DIVERSIFIED VIEW POINTS

Friday, March 11 and Saturday, March 12, 1988

American River College 4700 College Oak Drive Sacramento, CA 95841

Program Chair: Richard A. Lungstrom, Chemistry Department, American River College, Sacramento, CA 95841, (916) 484-8464.

Local Arrangements: Danny White, Chemistry Department, American River College Chair, Sacramento, CA 95841, (916) 484-8385.

FRIDAY, MARCH 11, 1988

- 9:00 5:15 Registration, Exhibits, Coffee Chemistry Building, Room 401
- 9:30 10:30 Committee on Chemistry in the Two-Year Colleges (This meeting open to all interested persons) Library, Teaching Resources Center, 2nd Floor
- 10:35 11:00 OPENING CEREMONIES
 Chemistry Building, Room 420
 Dr. Queen Randall, President, American River
 College
 Dr. Jack Randall, Chancellor, California Community
 Colleges

11:00 - 12:00 "SUPERCONDUCTORS"

Victor, T. Lee, IBM - Almaden Research Center, San Jose, CA. Introduction & Discussion Leader: Ross Westover, Canada College, Redwood City, CA

12:00 - 2:00 WINE COMPONENT SEMINAR and BUFFET LUNCHEON
Ron Buss, Robert Mondavi Winery
Cafeteria Banquet Rooms 3 & 4
(Buffet Luncheon and Wine Seminar limited to
first 75 registrants)

Afternoon meetings will be in Raef Hall, Rm. 160

- 2:10 2:50

 "NO NEWS IS GOOD NEWS CHEMISTRY AND THE NEWS MEDIA"

 Prof. A. Last, Athabasca University, Athabasca, Alberta, Canada
 Introduction and Discussion Leader: Robert Hubbs, DeAnza College, Cupertino, CA
- 3:00 3:35 "FORENSIC CHEMISTRY"

 Mr. Torey Johnson, California Department of
 Justice, Crime Lab., Sacramento, CA
 Introduction and Discussion Leader: Ruth Sime,
 Sacramento City College, Sacramento, CA
- 3:35 3:50 BREAK
- 3:50 4:25 "HAZARDOUS SUBSTANCES IN THE LABORATORY"

 Dr. Carol Rubin, Environmental Health and Safety,
 University of California at Davis, CA
 Introduction and Discussion Leader: Richard
 Rowland, Cosumnes River College, Sacramento, CA
- 4:40 5:15

 "ACS GUIDELINES AND CONSULTANT SERVICE FOR CHEMISTRY AND CHEM TECH PROGRAMS IN TWO-YEAR COLLEGES"

 Prof. William T. Mooney, El Camino College,
 Torrance, CA
 Introduction and Discussion Leader: Jodie Chase,
 Truckee Meadows Community College, Reno, Nevada

5:15 - 6:15 BREAK

All evening activities will be held at the Sierra Inn, 2600 Auburn Blvd., Sacramento, CA

6:15 - 7:15 NO HOST SOCIAL HOUR

7:15 - 9:30 BANQUET

"PROPOSAL WRITING"

James Bradford, Education Office, American Chemical Society

Keynote Address: "THE TRANSURANIUM ELEMENTS"
Dr. Glenn T. Seaborg, Nobel Laureate, University
of California at Berkeley, CA

Saturday, March 13, 1988

8:30 - 12:00 REGISTRATION, EXHIBITS AND COFFEE Chemistry Building, Room 401

Morning meetings will be in Chemistry Lecture Hall, Room 420

- 9:00 9:40 "PROBLEMS AND ISSUES IN GENERAL CHEMISTRY"
 Prof. Keneth Whitten, University of Georgia,
 Athens, Georgia
 Introduction and Discussion Leader: Ruth Sherman,
 Los Angeles City College, Los Angeles, CA
- 9:45 10:25 "PROBLEMS AND ISSUES IN PREPARATORY CHEMISTRY"
 Prof. Edward Peters, West Valley College,
 Saratoga, CA
 Introduction and Discussion Leader: Julius
 Hasting, Delta College, Stockton, CA
- 10:25 10:35 BREAK
- 10:35 11:15 "PROBLEMS AND ISSUES IN ORGANIC CHEMISTRY"
 Prof. Francis Carey, University of Virginia,
 Charlottesville, Virginia
 Introduction and Discussion Leader: John
 Clevenger, Truckee Meadows Community College,
 Reno, Nevada

11:20 - 12:00 "INTRODUCTORY CHEMISTRY AND ALLIED HEALTH: A
MODULAR APPROACH TO TEACHING CHEMISTRY"

Prof. Charles H. Corwin, American River College,
Sacramento, CA
Introduction and Discussion Leader: Gordon
Williams, Monterey Peninsula College, Monterey, CA

12:00 - 1:30 BUFFET LUNCHEON
Cafeteria Banquet Rooms 1, 2, 3 & 4

Afternoon meetings will be held in Chemistry Building, Room 420

- 1:30 2:10 "WHAT INSTRUMENTATION FOR THE TWO-YEAR COLLEGE:
 Prof. William T. Mooney, El Camino College,
 Torrance, CA
 Introduction and Discussion Leader: Howard
 Vanderbilt, Sierra College, Rocklin, CA
- 2:15 2:55

 "A CHEMISTRY DEPARTMENT PILOT PROGRAM LOCAL AREA NETWORK"

 Prof. Paul O'Brien, West Valley College, Saratoga, CA

 Introduction and Discussion Leader: Donald Dugre, San Francisco City College, San Francisco, CA
- 2:30 3:15

 "THE FUTURE ROLE OF CHEMICAL INSTRUMENTATION IN
 THE TEACHING LABORATORY AND HOW THE ICE CHEMICAL
 INSTRUMENTATION UPDATE PROGRAM CAN HELP"
 Prof. M. Donner Denton, University of Arizona,
 Tuscon, Arizona
 Introduction and Discussion Leader: Catherine
 Boshek, Mission College, Santa Clara, CA
- 3:15 4:00 TOUR OF AMERICAN RIVER COLLEGE CHEMISTRY FACILITIES FOR INTERESTED PARTICIPANTS.

INDUSTRIAL SPONSOIRS EXHIBITIS

ACE GLASS, INCORPORATED AMERICAN CHEMICAL SOCIETY **BROOKS-COLE PUBLISHING COMPANY** CHEMICAL EDUCATION RESOURCES GOW-MAC INSTRUMENT CORPORATION D.C.HEATH AND COMPANY HARCOURT BRACE JOVANOVICH (NEW) 4 HOUGHTON MIFFLIN COMPANY JOURNAL OF CHEMICAL EDUCATION MACMILLAN PUBLISHING COMPANY McGRAW-HILL BOOK COMPANY METTLER CORPORATION O'HAUS SCALE CORPORATION ORION RESEARCH PRENTICE HALL, INCORPORATED (NEW) **RANDOM HOUSE** SAUNDERS COLLEGE PUBLISHING JOHN AND WILEY AND SONS VAN WATERS AND ROGERS WILMAD GLASS AND INSTRUMENT

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PRENTICE HALL, INCORPORATED
ROBERT MONDAVI WINERY
SAUNDERS COLLEGE PUBLISHING

FOR HELPING TO PROVIDE SPEAKERS

AND TO

AMERICAN CHEMICAL SOCIETY SACRAMENTO SECTION

AMERICAN RIVER COLLEGE
STAFF INSTITUTIONAL DEVELOPMENT COMMITTEE

FOR HELPING WITH INCIDENTAL EXPENSES

AGENDA -

Committee on Chemistry in the Two-Year Colleges (COCTYC)

Firday, March 11, 1988

General Meeting,	American	River	College,	Sacramento,	CA
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- I. Introductions
- II. Approval of the minutes from the Jacksonville, FL meeting Executive meeting minutes, page ______
 Open COCTYC meeting minutes, page _____

III. Reports

- A. Chair Ralph Burns
- B. 98th Conference, Jacksonville, FL Wendell Massey, Program Chair
- C. 99th Conference, Sacramento, CA Richard Lungstrom
- D. 100th Conference, Toronto Mark Amman or Ralph Burns
- E. Biennial Conf. on Chem. Education, Purdue Uni Susskind/Doris Kolb
- F. Membership Mike Knoll, page <u>7</u>
- G. Treasurer Duane Sell, page 9
- H. College Sponsors Duane Sell, page 11
- I. Industrial Sponsors Leo Kling III, page _____
- J. Future Meeting Sites John Clevenger, page ____
- K. ACS Two-Year Colleges Program Jim Bradford, page ____
- L. Committee Roster, page ____
- IV. Old business
- V. New business
- VI. Announcements
- VII. Introductions of Executive Committee members and others present.

2YC₃ EXECUTIVE COMMITTEE MEETING 98th CONFERENCE

Chem. Lab. of Florida C.C. at Jacksonville, N. Campus Thursday, November 12, 1987

Members present: Edith Bartley, Jay Bardole, James Bradford, Ralph Burns, John

Clevenger, Elliott Greenberg, Leo Kling III, Mike Knoll.

Guests present: Wendell Massey, Jacksonville meeting program chairman.

OPENING: Edith Bartley, Chair, called the meeting to order at 8:50 p.m. in a college chemistry lab. She distributed copies of the detailed agenda.

MINUTES: Minutes of the Executive Committee for the 97th Conference (Lincoln, NE) were approved as printed in the Agenda Book pages 1-3.

CONFERENCE REPORTS:

The 98th 2YC3, Florida Community College at Jacksonville, North Campus:
Wendell Massey, Program Chairman, described the van service he is providing to
the Days Inn. He also explained that he needs to sell more Saturday luncheon
tickets to get it catered. Committee members expressed appreciation to
Wendell for his work in planning this conference.

The 97th 2YC3, Southeast Community College, Lincoln, NE:
Edith reported that 73 persons registered for that conference, including 38 new members. Persons involved in chemical technology progrms had expressed great appreciation for holding a special conference with this theme. There were 14 exhibitors at the conference.

FUTURE MEETING SITES:

Ralph distributed updated lists of future meeting sites, meeting personnel, and program themes. Recent changes and additions were underscored for quick reference to changes. This list is printed on pages 12-14 of the 98th Conference Program Book, and is summarized here with changes underscored:

99th Conference: Sacramento, CA, Date 3/11-12/88, American River Coll., Prog. Chairman is Richard Lungstrom. Theme: Chemistry: The

Diversified Science. Local Arr. Chair is Dr. Danny White.

100th Conference: Toronto, June 1-4 (Held in conjunction with Natl. ACS

Mtg. 06/05-11/1988) 2YC3 Program Co-Cair is Mark Amman, SUNY Ag and Tech. College, Alfred, NY 14802 Office (607)

587-3690 or 587-3694. Home (607) 478-8677.

101st Conference: Purdue Univ., W. Lafayette, IN. 7/31 to 8/04 (Held in

conjunction with 10th Biennial Conf. on Chem. Educ.)
Program Chairs, Doris Kolb, Bradley Univ., and Tamar

Susskind, Oakland C.C. Auburn Hills Campus (303) 853-4325.

102nd Conference: Pittsburgh, PA. 10/14-15/88. Community College of Allegheny,

808 Ridge Ave., Pittsburgh. Program Chair is Barbara

Rainard (412) 237-2649. Local Arr. Chair is William McVeagh;

Local Industrial Sponsors Chair is Joanne McCalip.

103rd Conference: Kansas City, KS. 11/18-19/88. Program Chairman is David W.

Klein, K.C. Kansas C.C. (913) 334-1100, Local Arr. Chair

is Sam Crawford, Johnson County C.C. (913)-469-8500.

104th Conference: Irving, TX Date 04/07-08/89 (Held in conjunction with

National ACS Mtg. 04/09-14/1989.) No changes reported.

105th Conference: Cerritos Community College, 5/19-20/89 11110 E. Alondra Blvd., Norwalk, CA 90650-9973, Office (213) 860-2451,

Program Chair is Christine (Chris) Romer, Local Arr. Chair

is James R. Peter, Cerritos C. C.

Jefferson Community Coll., 10/13-14/89 P.O. Box 1036, 106th Conference:

Louisville, KY 40222, Prog. Chair is Mrs. Patricia McCoy Brown, Office (502) 584-0181 Ext 277, Home (502) 425-7606,

Local Arr. Chair is John Gibson; Ind. Spons. Nik Kakolesha.

107th Conference: Late Nov. 1989, Mississippi Gulf Coast Junior College-

Jefferson Davis Campus, Switzer Road, Gulfport, MS 39507 Program Chair is James M. Knight, Office (601) 896-3355.

Local Arr. Chair is Ed Decker, same address.

108th Conference: Boston, April 20-21, 1990 (preceeding ACS Natl. mtg.),

Roxbury Community College, 625 Huntington Ave., Boston, MA 62115. Program Chair is Dotty Stumpf, Middlesex Comm.

Coll., Local Arr. Chair is Muriel Kanter, Roxbury C.C.

109th Conference: May or early June, 1990 jointly with C3, Capilano College,

2055 Purcell Way, North Vancouver, B. C., V7T 3H5 Contact persons: Penny LeCouteur, Capilano College, (604) 986-1911 and William Wasserman, Seattle Central C. C., Seattle, WA

98122, (206) 587-4080.

TREASURER/COLLEGE SPONSORS REPORT:

The report from John Clevenger, Treasurer, is printed on page 8 of the program bood. The current balance is \$13,122.42. There were 101 College Sponsors for 1987.

MEMBERSHIP REPORT:

Mike Knoll reported that as of Oct. 23, we have 440 individual membership renewals along with 215 new memberships to give a total of 655 members. Due to some confusion, he explained that the membership application form in the newsletter is for new members and should not include a check-off for "renewals" since notices are mailed out. Also, registration forms should identify "new" memberships and "renewals."

INDUSTRIAL SPONSORS REPORT:

Elliott Greenberg reported that we have 23 industrial sponsor renewals plus 2 new sponsors to give a total of 25 fully paid industrial sponsors. There were 3 cancellations along with 4 that have not yet responded.

POLICIES AND PROCEDURES:

- a. For the Treasurer/College Sponsors position, all but 1 of the ballots were returned. Ballots were opened and counted. Duane Sell was declared the winner.
- b. For the Chair-Elect position, the committee agreed to extend the deadline for applications. The next newsletter will contain an announcement of this extension. Applicants should send their specific qualifications to Edith Bartley by February 20, 1988 and ballots will be mailed out Feb. 24. Ballots are to be returned to Edith by March 5, and will be opened at Sacramento.

- c. Jay Bardole pointed out that we want to make sure that printing and mailing costs of newsletters be kept as a line item in the budget since the chairperson's campus may not be able to pay these expenses during some years. The committee was in agreement on this issue.
- d. Edith Bartley recommends that we consider an increase in membership dues. This topic is to be discussed at future meetings. Jay Bardole pointed out that we must follow ACS guidelines and Bylaws. 2YC3 funds cannot be used to pay speakers. It was requested that Jim Bradford check on ACS restrictions regarding payment of honorariums and speaker expenses. Ralph suggested that we also consider other alternative methods of funding, perhaps in the form of "sustaining memberships" where corporations would be asked to contribute something like \$500 or \$1000 (at the choice of the contributor) in a manner similar to alumni fund raising. Contributors would be listed in our newsletter. There was also discussion regarding the possibility of including paid advertisements in newsletters. This issue is to be discussed at future meetings.
- e. It was pointed out that we should discuss the possibility of listing "positions available" and "positions wanted" in newsletters.

ACS OFFICE OF THE TWO-YEAR COLLEGE REPORT:

Dr. James Bradford expressed great pleasure in being able to announce that the NSF is now accepting proposals from two-year colleges for matching equipment funding. The deadline is Nov. 20, 1987 for applications. Other types of grants are also now open to two-year colleges. It was pointed out that the Committee might consider submitting a proposal for attendance at a particular seminar or workshop. Jay Bardole suggested having a workshop involving the use of NMR's along with NMR Simulator software for computers. Workshop ideas are to be solicited from persons attending this conference.

Jim Bradford also submitted a letter requesting \$2000.00 for publication of the <u>DISTILLATE</u> for 1987. John Clevenger moved that we approve this expenditure. The motion was seconded by Elliott Greenberg, and passed unanimously. It was recommended that next year's budget include "2000.00 for "outreach."

OLD BUSINESS:

John Mitchell had submitted to Edith Bartley a letter of resignation as the 2YC₃ liason to the SOCED Task Force on Chemistry in the Two-Year Colleges. He expressed appreciation for having had the opportunity to work with the Task Force. Three names have been submitted to fill this position: Jay Bardole, Dick Gaglione, and Cecil Hammonds. By February 1, 1988, each candidate is to submit to Edith a resume' itemizing specific qualifications for this position. Ballots will be mailed out on Feb. 24 and are to be returned to Edith Bartley by March 5. Ballots will be opened at the Sacramento meeting.

Items regarding conference planning were deferred to later meetings. It was suggested that a portion of the Kansas City, KS meeting be set aside for discussion and presentation of ideas about greater involvement of all Regional Committee members.

ADJOURNMENT: The executive committee was adjourned at 11:25 p.m.

Respectfully submitted,

Ralph A. Burns, Chair-Elect

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE 98th CONFERENCE

Florida Community College at Jacksonville, North Campus Friday, November 13, 1987

Attendance: Twenty-seven persons attended the open committee meeting, including Paula Ballard, Jay Bardole, Edith Bartley, James Bradford, Larry Bray, Ralph Burns, John Clevenger, Ed Decker, Curtis Dhonau, Margaret Forrester, Art Fowler, Ira Gibbs, John Gibson, James Graham, Elliott Greenberg, Elsie Gross, Nik Kakolesha, Muriel Kanter, Leo Kling III, Michael Knoll, Larry Little, Wendell Massey, Barry Moore, Gary McGlaun, Conlie Rasnake, Mary Robinson, Sankey Sherer.

OPENING: Edith Bartley, Chair, called the open meeting to order at 9:30 a.m. and passed around a listing of two-year college chemistry faculty to be checked for changes. She explained that copies of the ACS "Minimum Guidelines for Chemical Demonstrations" are available at the registration table.

MINUTES: Minutes of the 97th Conference (Lincoln, NE) were approved as printed in the Agenda Book pages 4-5.

CONFERENCE REPORTS:

The 97th 2YC3, Southeast Community College, Lincoln, NE:
Edith Bartley reported that 73 people, including 38 new members were registered at the Lincoln, NE Conference. There were 14 exhibitors at the conference.

The 98th 2YC3, Florida Community College of Jacksonville, North Campus: Wendell Massey, Program Co-Chair, reported that over 40 persons have pre-registered. Dlinner and luncheon tickets are still available.

Edith Bartley, Chairman, pointed out that registration forms are at the registration desk for the Toronto conference to be held jointly with $\rm C_3$ (College Chemistry Canada). Persons wishing to submit a paper should see the registration form. Abstracts for papers are due by January 31, 1988.

MEMBERSHIP REPORT:

Mike Knoll reported that at this time we have 266 membership renewals plus 53 new memberships for 1988. During 1987 there were 655 2YC3 members. Persons who have not paid 1988 dues were urged to do so at this meeting.

TREASURER/COLLEGE SPONSORS REPORT:

John Clevenger, Treasurer, reported that there were 110 College Sponsors for 1987. A College Sponsorship application form is on page 9 of the program book.

INDUSTRIAL SPONSORS REPORT:

Elliott Greenberg stated that we have 25 fully paid industrial sponsors. Leo Kling III, newly elected Industrial Sponsors Chair, presented Elliott Greenberg with an engraved wall plaque in appreciation for his nine years of outstanding service to 2YC_3 as Industrial Sponsors Chair.

FUTURE MEETING SITES:

Ralph distributed printed copies of future meeting sites and personnel with changes and additions underscored. This list is on pages 12-14 of the 98th Conference Program Book, and is summarized here with changes underscored:

99th Conference: Sacramento, CA. 03/11-12/88 R. Lungstrom, Program Chair. 100th Conference: Toronto 06/01-04/88 with $\rm C_3$ in conjunction with National ACS Mtg. 2YC $_3$ Program Co-Chair is Mark Amman.

101st Conference: Purdue Univ., West Lafayette, IN. (With 10th Biennial Chem. Educ. Conf.) Doris Kolb and Tamar Susskind, Program Chairs.

102nd Conference:

Pittsburgh, PA 10/14-15/88 Barbara Rainard, Program Chair. Kansas City, KS 11/18-19/88 David W. Klein, Program Chair.

103rd Conference: 104th Conference:

Irving, TX 04/07-08/89 (Held in conjunction with National ACS Mtg. 04/09-14/89.) Weldon Burnham, Program Chair.

105th Conference:

Norwalk, CA, Cerritos C.C. 5/19-20/89 Christine Romer,

Program Chair; James Peter, Local Arrangements.

106th Conference:

Louisville, KY, Jefferson C.C. 10/6-7/89 John Gibson is Prog. Chair; Patricia McCoy Brown, Local Arrangements; Nik

Kakolesha, Local Indust. Sponsors. Chair.

107th Conference:

Gulfport, MS, Miss. Gulf Coast J. C., Jefferson Davis Campus, 11/17-18/89, James Knight, Prog. Chair; Ed Decker, Local Arr. Boston, MA 4/20-21/90 (With Natl. ACS Mtg.) Dotty Stumpf,

108th Conference:

Prog. Chair (tentative); Muriel Kanter, Local Arr. (tentative)

109th Conference:

Capilano College, North Vancouver, BC May or early June 1990 with C3. Penny LeCouteur, Capilano Coll. and William Wasserman, Seattle Central C.C., Contact Persons.

ACS OFFICE OF THE TWO-YEAR COLLEGE REPORT:

Dr. James Bradford discussed the Task Force Guidelines for two-year colleges. He reported that site visits have recently been made to the three St. Louis Community College campuses. Next year about twenty visits are to be made to campuses with chemical technology programs.

Jim pointed out that as of mid-October, NSF grants previously open to only four-year colleges are now open for all two-year colleges. The deadline for grants for matching funds for instruments is November 20. Research Opportunity Awards are also open-find a person with an NSF grant and you can go to work. Undergraduate Faculty Enhancement programs are also available. Jim will be presenting a session at this conference on grant writing.

OLD BUSINESS

Edith Bartley announced that Duane Sell has been elected as treasurer. He is to serve a 4-year term (1 year to complete John Clevenger's term plus the usual 3-year term.)

Edith explained that at the Kansas City, KS meeting a time is te be set aside for presenting ideas related to involving committee members more fully. Clevenger pointed out that ideas regarding program themes and sites are welcomed.

INDIVIDUAL INTRODUCTIONS:

After introducing Executive Committee members, Edith Bartley asked that all persons in attendance stand and introduce themselves.

ADJOURNMENT: The committee meeting was adjourned at 10:20 a.m.

Respectfully submitted,

Ralph a. Buns Ralph A. Burns Chair-Elect

MEMBERSHIP REPORT

February 9, 1988

 Renewals
 368

 New Memberships
 75

 Total
 443

75 new members registered in Lincoln and Jacksonville

February 10, 1988 FINANCIAL REPORT FOR COCTYC For 1987

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COLLEGE SPONSORS

We had 110 College Sponsors for 1987.

∆ohn V. Clevenger Treasurer/College Sponsors

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COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

Division of Chemical Education, American Chemical Society

APPLICATION FOR COLLEGE SPONSORSHIP

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All questions and correspondence concerning the ${\bf 2YC}_{\overline{\bf 3}}$ College Sponsorship should be directed to:

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

Phone: (312) 397-3000 Ext. 2408

Please make check for \$25 payable to:

COMMITTEE ON CHEMISTRY IN THE TWO-YEAR COLLEGE

and return with the completed application to:

DUANE SELL

at the above address.

We <u>are</u> a tax exempt organization. Our tax I.D. # is 23-7169683. Thank you for your sponsorship.

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

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

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

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

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

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

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

Mr. Cullen Johnson Cuyahoga Community Coll.-Western Campus 11000 Pleasent Valley Rd. Parma, GH. 44130

Mr. Robert R. Hubbs DeAnza Community College 221250 Stevens Circle Blvd Cupertino, CA. 94014 Mrs. D. M. Reeder
Anne Arundel Community College
101 College Parkway
Arnold, MB. 21012

Mr. J. Surendranath
Bellevue Community College
P.O. Box 92700
Bellevue, WA. 98008

Dr. Ken Tasa Brazosport College 500 College Drive Lake Johnson, TX. 77565

Katherine E Weissman C.S. Mott Community College 1401 E. Court St. Flint, MI. 48502

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

Mr. Robert Brasile College of Lake County 19351 W. Washington St. Grayslake, IL. 60030

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

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

Mr. J.J.Friederichs Dawson Community College 300 College Drive Grendive, MT. 59330

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

1988 College Sponsors

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

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

Dr. Mildred H. Evans Erie Community College 4140 Southwestern Blvd. Orchard Park, NY. 14127

Dr. Mary Vennos Essex Community College 7201 Rossville Blvd Baltimore, MD. 21237

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

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

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

Mr. John Tyler, Jr. Holyoke Community College 303 Homestead Ave. Holyoke, MA. 01040

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

Taylor Pancoast Jamestown Community College 525 Falconer Street Jamestown, NY. 14702 Sci/Math Tech. Supv. El Camino College 16007 Crenshaw Blvd Torrance, CA. 90506

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

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

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

Mr. Larry McGlaun Gainesvill Junior College P.O. Box 1358 Gainesville, GA. 30501

Mr. Paul J. Santiago Harford Community College 401 Thomas Run Road Bel Air, MD. 21044

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

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

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

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

1988 College Sponsors

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

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, BH. 44035

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

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

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

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

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

Dr. Kenneth Wright North Idaho College 1000 W. Garden Ave. Coeur D'Alene, ID. 83814 Dr. Pr. Rodriguez Kilgore College 1100 Broadway Kilgore, TX. 75662

Dr. Peter Scott Linn-Benton Community College 5500 S.W. Pacific Rd. Albany, DR. 97321

Prof. Anne Barber Manatee Junior College 5840 25th St. W. Bradenton, FL. 33506

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

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

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

Mr. Jeff Koch Muscatine Community College 152 Colorado Muscatine, IA. 52761

Mr. John Douglas New Mexico State University Box 477 Alamogordo, NM. 88310

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 February 9, 1988

1988 College Sponsors

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

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

Mrs. Pat Flath
Paul Smith's College
Box 45
Paul Smith's, NY. 12970

Dr. E. Greenberg Prairie State College P.O. Box 487 Chicago Heights, IL. 60411

Nicholas L. Reuter Raymond Walters College 9555 Plainsville Rd. Cincinnati, OH. 45236

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

Mr. Bill Nickels Schoolcraft College 18500 Haggerty Road Livonia, MI. 48152

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

R. Ernest Dear St. Clair County Community College 323 Erie St. Port Huron, MI. 48060

Mr. Ralph Burns St. Louis Comm. College-Meramec 11333 Big Bemd Blvd. St. Louis, MO. 62122 Prof. Tamar Susskind Bakland Comm. Coll-Auburn Hills Campus 2900 Featherstone Rd. Auburn, MI. 48057

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

Mr. Cecil Hammonds Penn Valley Community College 3201 Southwest Trafficway Kansas City, MO. 64111

Dr. V. Idravkovich
Prince George's Community College
301 Largo Rd.
Largo, MD. 20870

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

Mr. Dale Heuck Sauk Valley College Route 5 Dixon, IL. 51021

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

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

1988 Callege Sponsors

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

Mr. Garrison Lewis SUNY Morrisville Ag & Tech College Route 20 Morrisville, NY. 13408

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

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

Mr. Thomas R. Clark Westark Community College P.O. Box 3649 Fort Smith, AR. 72913 Mr. Roland Hale SUNY - Alfred State College

Alfred, NY. 14803

Dr. John Mitchell
Tarrant County Jr. College-N.E. Camp
828 Harwood Road
Hurst, TX. 76055

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

Prof. Judith Jones Valencia Community College P.O. Box 3028³ Orlando, FL. 32802

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

Chemistry Dept Chair William Rainey Harper College Algonquin and Roselle Roads Palatine, IL. 50057

Shirt of a contract of the con

TWO-YEAR COLLEGE CHEMISTRY CONFERENCE SITES Updated November, 1987 by Ralph A. Burns, Chair-Elect

June 1-4, 1988 - Seneca College, 1750 Finch Ave. East, North York, Ontario, Canada M2J 2X5 (North York is in metropolitan Toronto.)

Dr. Murray A. Morello, Conference Chair (416) 491-5050 ext 2396

Program Theme: - College CHEM: Chemistry, Health, Education, and Materials

 $2YC_3-C_3$ Liaison Person:

- Shahid Jalil, John Abbot College, P. O. Box 2000 Ste. Anne de Bellevue, PQ, H9X 3L9

2YC₃ Program Chair:

- Mark Amman, SUNY Ag Tech. College, Alfred, NY 14802 College: (607) 587-3690 or 587-3694 Home: (607) 478-8677 Local Arrangements Chair: TBA Local Industrial Sponsors Coordinator: TBA

June 5-11, 1988 - 3rd CHEMICAL CONGRESS OF NORTH AMERICA and 195th ACS NATIONAL MEETING., Toronto, Ontario, Canada

101st CONFERENCE

(In conjunction with the 10th Biennial Conference on Chemical Education)

7/31 to 8/04/88 - Purdue University, West Lafayette, IN 47907, (317) 494-5465 Program Theme - Teaching Chemistry: A Problem We Can Solve 2YC₃ Program Co-Chairs:

- Doris Kolb, Dept. of Chem., Bradley Univ., Peoria IL. 61625 - Tamar Susskind, Oakland Comm. Coll., Auburn Hills Campus Auburn Hills, MI 48057 (313) 853-4325

102nd CONFERENCE (Eastern Region)

Oct. 14-15, 1988 - Community College of Allegheny, Allegheny Campus

808 Ridge Ave., Pittsburgh, PA 15212

Program Theme: - Pre-College Education and Developments in Learning Theory

Program Chair: - Barbara Rainard, Community College of Allegheny,

Allegheny Campus, 808 Ridge Ave., Pittsburgh, PA 15212

(412) 237-2649 or (412) 237-2647

Local Arrangements Char:

- William McVeagh, Community College of Allegheny,

Allegheny Campus, (412) 237-2687

Local Industrial Sponsors Coordinator:

- Joanne McCalip, C. C. of Allegheny, Al. Campus (412) 237-2535

103rd CONFERENCE (Midwestern Region)

Nov. 18-19, 1988 - Kansas City Kansas Community College

7250 State Ave., Kansas City, KS 66112

Program Theme: - <u>Lecture/Lab Demonstrations: Pro and Con</u>

Program Chair: - David W. Klein, Kansas City Kansas Community College

7250 State Ave., Kansas City, KS 66112 (913) 334-1100

Local Arrangements Chair:

- Sam Crawford, Johnson County Comm. Coll., College Blvd. at Quivira Rd., Overland Park, KS 66210 (913) 469-8500

Local Industrial Sponsors Coordinator: TBA

New information is underscored _

104th CONFERENCE (Southern Region) (Preceding the ACS National Meeting, Dallas, April 9-14, 1989)

April 7-8, 1989 - North Lake College, 5001 N. MacArthur Blvd.

Irving, TX 75038

- TBA Program Theme:

- Weldon Burnham, Richland College Program Chair:

12800 Abrams Rd., Dallas, TX 75243 (tentative)

(214) 238-6045

Local Arrangements Chair:

- Floyd King, North Lake College

5001 N. MacArthur Blvd., Irving, TX 75038

(214) 659-5358

Local Industrial Sponsors Coordinator:

- Chuck Gonzalez, North Lake College

5001 N. MacArthur Blvd., Irving, TX: 75038

(214) 659-5320

105th CONFERENCE (Western Region)

- Cerritos Community College, 11110 E. Alondra Blvd., May 19-20, 1989

Norwalk, CA 90650-9973

Program Theme: - TBA

- Christine (Chris) Romer, Cerritos Community College Program Chair:

11110 E. Alondra Blvd., Norwalk, CA 90650-9973

(213) 860-2451

Local Arrangements Chair:

- James R. Peter, Chairman, Dept. of Chem., Cerritos C. C.

11110 E. Alondra Blvd., Norwalk, CA 90650-9973

Local Industrial Sponsors Chair: TBA

106th CONFERENCE (Midwestern Region)

- Jefferson Community College, P. O. Box 1036, Oct. 6-7, 1989

Louisville, KY 40202 (502) 584-0181 Ext. 204 (Chem. Office)

Program Theme: - TBA

- John Gibson, Jefferson Community College, same address Program Chair:

Office: (502) 584-0181 Ext 263

Local Arrangements Chair:

- Mrs. Patricia McCoy Brown, Jefferson Community College

P. O. Box 1036, Louisville, KY 40202

Office: (502) 584-0181 Ext. 277 Home: (502) 425-7606

Local Industrial Sponsors Chair:

- Nik Kakolesha, Elizabethtown C.C., Elizabethtown, KY 42701

107th CONFERENCE (Southern Region)

Nov. 17-18, 1989 - Mississippi Gulf Coast Junior College,

Jefferson Davis Campus, Switzer Road

Gulfport, MS 39507 (601) 896-3355

- James M. Knight, Miss. Gulf Coast JC, Jefferson Davis Campus Program Chair:

Office: (601) 896-3355 Home: (601) 875-5884

Local Arrangements Chair: Ed Decker, same college and phone, Home: (601) 896-8377

Local Industrial Sponsors Chair: open

Comments: Excellent location near beach, motels, restaurants, special rates. Near Gulfport/Biloxi airport; limousine service possible to New Orleans Airport. 108th CONFERENCE (Eastern Region)
(Preceding the ACS National Meeting, Boston, April 22-27, 1990)

Apr. 20-21, 1990 - Roxbury Community College (Tentative site)

625 Huntington Ave., Boston MA 62115

Program Chair: - (tentative) Dorothy (Dotty) Stumpf, Middlesex Comm. College,

Springs Rd., Bedford, MA 01730, (617) 275-8910 Ext 287

Local Arrangements Chair:

- (tentative) Muriel Kanter, Roxbury Community College 625 Huntington Ave., Boston, MA 62115, (617) 734-1960

Home: (617) 282-7139

Local Industrial Sponsors Chair: open

109th CONFERENCE (Western Region)

Late May or

Early June, 1990 - Capilano College, 2055 Purcell Way

North Vancouver, BC V7T 3H5

(604) 986-1911

Contact Persons: - William Wasserman, Seattle Central Community College

Seattle, WA 98122, (206) 587-4080

- Penny LeCouteur, Capilano College, North Vancouver

Local Arrangements Chair: open

Local Industrial Sponsors Chair: open

New information is underscored ____

All $2\mathrm{YC}_3$ 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. $2\mathrm{YC}_3$ can function more effectively to serve all community colleges when all persons participate. We welcome your suggestions.



American Chemical Society

1155 SIXTEENTH STREET NW WASHINGTON D'C, 20036 Phone 202: 372-4534

January 29, 1987

IOHN K CRUM Executive Director

Petitioners for Amendment of the ACS Constitution and/or Bylaws

Dear Petitioner:

Some time ago you signed a petition, entitled "Honoraria for Presentations at Meetings," to amend the ACS Constitution and/or Bylaws. A final report thereon has been prepared by the Committee on Constitution and Bylaws.

The petition was recommitted by Council to the Committee on Meetings and Expositions at the September 10, 1986 meeting in Anaheim. The Committee on M&E agreed, subsequently, to recommend withdrawal of the petition if the Board of Directors, at its December meeting, were to adopt a Regulation that would achieve the objectives proposed by the petitioners. The Board of Directors, at its meeting on December 7, 1986, approved a new subsection (c) Honoraria to Regulation VIII, 3.

The Committee on Constitution and Bylaws concurred with the withdrawal of the petition.

The petition, marked <u>WITHDRAWN</u>, will appear in the Council agenda for the 1987 spring meeting for information only.

Sincerely,

John K Crum

Enclosure: Petition re:

"HONORARIA FOR PRESENTATIONS

AT MEETINGS"

cc: Council Policy Committee

Chairmen, Secretaries, and Staff Liaisons of all Council Committees, Society Committees, and Joint Board-Council Committees

WITHDRAWN.

HONORARIA FOR PRESENTATIONS AT MEETINGS

BYLAW VI. Sec. 5

Petition

We, the undersigned Councilors of the American Chemical Society, petition that Bylaw VI, Sec. 5, be amended by adding a new paragraph, as follows:

BYLAW VI Sec. 5

(new paragraph)

7. No honorarium shall be paid, or other similar payment made, by the SOCIETY or any of its constituent units to the author of any paper presented at a national, regional, divisional, or other major meeting of the SOCIETY, except in educational sessions in which a separate fee is charged. Payment to authors for appropriately documented expenses will be permitted. This paragraph shall not apply to an award which is sponsored, cosponsored, or administered by the SOCIETY or any of its constituent units.

Explanation

This petition seeks to amend the Bylaws to prohibit the payment of honoraria or any other payment to those who present "papers," as defined in Bylaw VI, Sec. 5, paragraph 1, at national, regional, and divisional meetings of the Society, as defined in Bylaw VI, Sec. 3, paragraphs 1, 2, and 3. The proposed Bylaw permits travel and other expenses to be reimbursed, and also permits the payment of honoraria for such activities as short courses, workshops, and tutorial sessions for which a separate fee is charged. Specific wording is included to permit award addresses to be presented at meetings of the Society.

SIGNED: Raymond J. Carroll Clara D. Craver J. Kenneth Craver Tomlinson Fort, Jr. Janan M. Hayes Valerie D. Kuck Joan P. Lambros Louis J. Nowacki

Eli M. Pearce Shirley B. Radding Charles P. Rader Jack H. Stocker Margil W. Wadlev Paul H. L. Walter Henry F. Whalen, Jr. John A. Whittle

(This petition was referred to the Committee on Meetings and Expositions, the Committee on Budget and Finance, the Committee on nivisional Activities, the Committee on Local Section Activities. the Committee on Science, and the Committee on Constitution and Bylaws.)

STATEMENT OF FINANCIAL IMPACT

The Society Committee on Budget and Finance has examined this petition and makes the finding that it will have no impact on the finances of the Society.

Final Report of the Committee on Constitution and Bylaws

This petition was recommitted by Council to the Committee on Meetings and Expositions at the September 10, 1986 meeting in Anaheim. The Committee on M&E agreed, subsequently, to recommend withdrawal of the petition if the Board of Directors, at its December meeting, were to adopt a Regulation that would achieve the objectives proposed by the petitioners. The Board of Directors, at its meeting on December 7, 1986, approved a new subsection (c) Honoraria to Regulation VIII, 3.

The petition has been withdrawn at the request of a sufficient number of petitioners to constitute a majority to reduce the number of signatories below that required by the Society's documents.

The Committee on Constitution and Bylaws concurs with the withdrawal of the petition.

James A. Walsh, Chairman

FEDERAL FUNDRAISING WORKSHOP

National Council for Resource Development February 20, 1988 National Science Foundation Washington, DC

8:30	Coffee and Rolls	ℓ
9:00	Welcome	David Canine President, NCRD Executive Director for Resource Development, Eastern Iowa Community College District
9:15	National Science Foundation	Alex Barton Program Director, College Science Instrumentation Program
12:00	Lunch	•
1:00	National Endowment for the Humanities	Kenneth Kolson Assistant Director Division of Fellowships and Seminars Judith Jeffery Howard Humanist Administrator Division of Education Programs Kathrine Abramovitz Regional Officer Division of State Programs
3:30	Adjourn	

NSF/NEH WORKSHOP ATTENDEES

February 20, 1988

Eastern Iowa Community College District

David Canine John Baker Jeff Armstrong

College of Eastern Utah

Karen Bliss Miller Brent Haddock Robert Torgson Faye Torgson

Cumberland County College

Tom Henry Jack Lobb

Northampton County Area Community College

Jim Kennedy

Santa Fe Community College

Lona Stein Barbara Sloan Richard Schwartz

Snow College

Bob Stoddard Judy Ivie Marilyn Larson Ted Olson

St. Louis Community College

Ray Taylor

Daytona Beach Community College

Emma Brombin Jerry Swanson NSF/NEH LIST February 20, 1988 Page 2

Prince George's Community College

Victoria Gellner Vera Zdrazkovich Ruth Dudley Lyle Linville

Holyoke Community College

Winnie Hayek

American Chemical Society

Jim Bradford

AACJC

Frank Mensel Carol Cross Suzanne Letourneau

100th CONFERENCE with 15th C3

(In conjunction with ACS national meeting)

JUNE 1-4

Seneca College, 1750 Finch Ave.
 East, North York, Ontario Canada
 M2J 2X5 (North York is in

metropolitan Toronto.) Dr. Murray A. Morello, Conference Chair

(416) 491-5050

Program Theme:

-College CHEM:

Chemistry, Health, Education,

and Materials

2YC₃-C₃ Liaison Person:

Shahid Jalil, John Abbot College,
 P.O. Box 2000 Ste. Anne de
 Bellevue, PQ, H9X 3L9

2YC₃ Program Chair:

Mark Amman, SUNY Ag Tech.
 College, Alfred, NY 14802 College: (607) 587-3690 or 587-3694

Local Arrangements Chair: TBA Local Industrial

Sponsors Coordinator: TBA

June 5-11

-3rd CHEMICAL CONGRESS OF NORTH AMERICA and 195th ACS NATIONAL MEETING, Toronto, Ontario, Canada



PRELIMINARY ANNOUNCEMENT OF TORONTO CONFERENCE



Sponsors:

Collaboration between College Chemistry Canada (\mathbb{G}_3) and the Two-Year College Chemistry Conference (2YC₃) of the American Chemical Society gives this Conference a special international flavour.

Multi-faceted Theme Approach:

- Materials (polymers, composites, metals and ceramics)
- Chemical Health (laboratory safety, environmental, pharmaceuticals)
- Educational (high school preparation, college education and industrial needs)

Location:

Seneca College of Applied Arts and Technology is situated in the City of North York which is part of the major urban centre of Metropolitan Toronto. This attractive setting will provide endless opportunities to ensure a full program - technically, socially and recreationally.

Contact:

Mark off June 1 to 4, 1988 on your "chemical calendar" and indicate your interest in attending or presenting a technical paper (on the themes above) by writing to:

Dr. Murray A. Morello, Conference Chairperson "15th C₃/100th 2YC₃ - International '88" Seneca College of Applied Arts & Technology 1750 Finch Avenue, East North York, Ontario, Canada M2J 2X5, (416) 491-5050 ext. 2396

CHEMISTRY HEALTH EDUCATION MATERIALS

SENECA COLLEGE

OF APPLIED ARTS AND TECHNOLOGY NORTH YORK(METRO TORONTO) ONTARIO, CANADA

To ensure that you receive a peliminary program, complete th	e following information, tear off this section and mail (to address above)	
Please check:	the second along	
Name:	Title:	
Department:		
Institution/Company:		
Address:	City:	
Prov /State:	Postal/Zip Code:	
Telephone: Home()-		