

# CORNELL CHEMISTRY

## EXECUTIVE DIRECTOR'S COLUMN

Here is the special issue of the Newsletter in which we report on where the respondents to our 1982 questionnaires live and what they do. Future information of this kind will be reported in a column in regular issues of the Newsletter.

You will note that there are two alphabetical lists. We won't bother you with the dull story of why our word processor refused to merge the two lists. Be assured, it was the machine's fault, not ours!

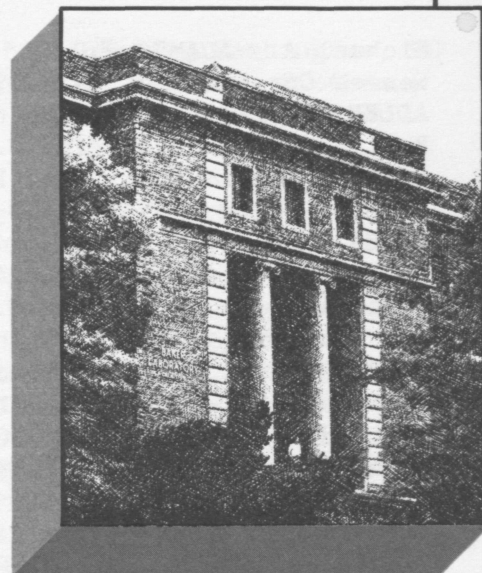
A very moving Memorial Service was held for Michell Joseph Sienko in Sage Chapel on Campus on 18 December 1984. The Reverend Jack Lewis conducted the service. Ben Widom, David Johnson and Robert Plane spoke in tribute. The readings were chosen by Mike's daughter, Tanya. Musical selections by Corelli, Bach and Chopin were played by Mike's colleagues and students.

The program for the Symposium to commemorate the 100th anniversary of the birth of Peter Debye is now complete. The speakers and titles of their lectures are as follows: Mansel Davies, "Peter Debye: Roots and Achievements in Europe - A Summary"; Linus Pauling, "The Nature of the Bonds Formed by Atoms of Transition Metals"; E. Bright Wilson, "Extraction of Barriers to Internal Motion and Other Information About Reaction Paths from Spectroscopic Data, with Malonaldehyde as an Example"; Mark Kac, "Is There a Quantum Langevin Equation?"; Paul J. Flory, "Recent Investigations on the Configurations of Chain Molecules"; Manfred Eigen, "Experiments on Biogenesis". The banquet speaker will be Hans Bethe.

If you plan to attend the Symposium, please let me know promptly. The price for each ticket to the banquet is \$25.00. We are reserving seats in the order in which checks, made out to "Cornell University", are received.

Alumni and friends of the Department will have a get-together at the April 1984 American Chemical Society meeting in St. Louis. It'll take place in the late afternoon of Wednesday, 11 April, at the ACS Alumni Hour. Roald Hoffmann will be at the Alumni Hour to greet you and bring you up-to-date on happenings in the Department.

Earl Peters



THE NEWSLETTER  
OF THE  
DEPARTMENT OF  
CHEMISTRY  
AND THE SOCIETY OF  
CORNELL CHEMISTS

Cornell University  
Baker Laboratory  
Ithaca, New York 14853

Winter 1984  
Issue 32

Michael A. **ADAMS**, PhD 77, Monell Chemical Senses Ctr, Univ of PA ...Steven M. **ADLER-GOLDEN**, PhD 79, Spectral Sciences, Burlington, MA ...Frank J. **ADRIAN**, PhD 55, Applied Physics Lab, John Hopkins Univ...Steven **AKIYAMA**, PhD 81, NIH ...John **ALTER**, PhD 74, Miles Labs, Elkhart, IN ...Edward W. **ANACKER**, PhD 49, Chem Dept, Montana State ...Graydon K. **ANDERSON**, PhD 75, Los Alamos National Lab ...Herbert R. **ANDERSON**, Jr., PhD 52, IBM, Hopewell Junction, NY ...David B. **ANDREWS**, MChem 34, Retired, Gibsonia, PA ...Gordon, O. **ANDREWS**, BChem 26, Retired, Naples, FL ...

Donald W. **ANDRUS**, PhD 40, Retired, New Haven CT ...Morton **ANTLER**, PhD 53, Bell Labs, Columbus, OH ...Edward **ARNOLD**, PhD 82, Bio Sci Dept, Purdue Univ ...David S. **AULD**, PhD 66, Harvard Med School, Boston, MA ...Tomas **BAER**, PhD 69, Chem Dept, Univ of North Carolina ...Kermit H. **BALLARD**, PhD 39, Retired, Kerrville, TX ...Harold D. **BANKS**, PhD 70, Chem Dept, Atlanta Univ ...Michael **BARBALAS**, PhD 82, Hoffmann-LaRoche, Nutley, NJ ...Brian D. **BARFORD**, PhD 74, Procter & Gamble, Cincinnati, OH ...Thomas M. **BARGAR**, PhD 77, Dow Chemical, Indianapolis, IN ...

P. Glenn **BARKELY**, PhD 83, Pall Trinity Micro, Cortland, NY ...Martin J. **BARNETT**, PhD 40, Retired, Wilmington, DE ...Douglas G. **BATT**, PhD 81, DuPont, Wilmington, DE ...Stuart J. **DAUM**, PhD 47, Los Alamos National Lab ...J. Philip **BAYS**, PhD 68, Chem Dept, St. Mary's College, Notre Dame, IN ...O.T. **BEACHLEY**, Jr., PhD 62, Chem Dept, SUNY, Buffalo, NY ...Orson C. **BEAMAN**, MChem 30, Retired, Glens Falls, NY ...B.C. **BELDEN**, PhD 31, Retired, Cranford, NJ ...Manson **BENEDICT**, BChem 28, Prof Emeritus, MIT ...

Stephen J. **BENKOVIC**, PhD 63, Chem Dept, Penn State Univ ...Elinor **BENTON**, Boca Raton, FL ...Melvyn **BENZON**, PhD 71, Chem Dept, Bar-Ilan Univ., Israel ...Peter P. **BERLOW**, PhD 69, Chem Dept, Dawson College, Montreal, Canada ...Fred W. **BILLMEYER**, Jr., PhD 45, Chem Dept, RPI, Troy, NY ...

Alan **BILOSKI**, PhD 82, MBA candidate, Columbia University ...John J. **BISHAHA**, PhD 80, Chem Dept, Cal Tech, Pasadena, CA ...A. Eugene **BLAKESLEE**, PhD 55, Solar Energy Res. Inst., Golden, CO ...John R. **BLEEKE**, PhD 80, Chem Dept, Washington Univ, St. Louis, MO ...Rudolph S. **BOTTEI**, MS 52, Chem Dept, Univ of Notre Dame, IN ...Donald B. **BOYD**, Lilly Research Labs, Indianapolis, IN ...William C. **BRASIE**, BChemE 51, Dow Chemical, Midland, MI ...Richard F. **BREWSTER**, MS 37, Retired, Williamsville, NY ...

Steven J. **BRICKNER**, PhD 81, Upjohn, Kalamazoo, MI ...Charles H. **BRIDGES**, PhD 38, Retired, Sun City Center, FL ...Kenneth W. **BRITT**, BChem 29, SUNY College of Env Sci and Forestry, Syracuse, NY ...R. W. **BROGE**, PhD 48, Procter & Gamble, Cincinnati, OH ...Constance L. **BROWN**, MS 26, Retired, Burlington, VT ...Duane **BROWN**, PhD 51, Chem Dept, Arizona State Univ, Tempe, AZ ...Austin S. **BRUNJES**, Retired, Plandome, NY ...Melvin I. **BUCHWALD**, PhD 72, Los Alamos Nat'l Lab ... Carl J. **BUCK**, PhD 58, Johnson & Johnson Products, New Brunswick, NJ ...

Arthur W. **BULL**, PhD 22, Retired, Clearwater, FL ...C. K. **BUMP**, PhD 33, Retired, Hampden, MA ...James R. **BUNTAINE**, PhD 80, Eastman Kodak, Rochester, NY ...Ronald A. **BURDO**, PhD 73, Corning Glass, Corning, NY ...Joseph E. **BURKE**, PhD 40, Consultant, Burnt Hills, NY ...Karen **BURKE**, M.D., PhD 72, NYU Med Ctr, NY ...Donald J. **BURTON**, PhD 61, Chem Dept, Univ of Iowa ...Anne **BUZZELL**, PhD 50, Retired, Wilmington, MA ...

John **CAPECCHI**, PhD 80, 3M Center, St. Paul, MN ...Harvey F. **CARROLL**, PhD 69, Phys Sci Dept, Kingsborough Comm College, Brooklyn, NY ...Ricard J. **CELLA**, Jr., PhD 69, DuPont, Wilmington, DE ...Alexander **CHANG**, PhD 78, IBM, France ...Herbert C. **CHEUNG**, MS 56, BioChem Dept, Univ of Alabama ...Pierre **CHIEUX**, PhD 69, Inst Laue-Langvin, Grenoble, France ...Jim-Son **CHOU**, PhD 81, Univ of So California ...

Benjamin **CHU**, PhD 59, Chem Dept, SUNY Stony Brook, NY ...Frances D. **COFFIN**, PhD 50, Instructor, Lorain County Comm College, Elyria, OH ...Gerson H. **COHEN**, PhD 65, NIH, Bethesda, MD ...Collins C. **CONLEY**, PhD 79, Marconi Avionics, Atlanta, GA ...Lawrence E. **CONROY**, PhD 55, Chem Dept, Univ of Minn ...Charles M. **COOK**, Jr., PhD 51, Dept of Energy, Washington, D.C. ....Harry W. **COOVER**, PhD 44, Eastman Kodak, Kingsport, TN ...Rachel **COUNTRYMAN**, Computer Unit, Univ of Warwick, Coventry, United Kingdom ...

William L. **COURCHENE**, PhD 52, Procter & Gamble, Cincinnati, OH ...John **COUTANT**, PhD 71, Merrell-Dow Pharmaceuticals, Indianapolis, IN ...Jack K. **CRANDALL**, PhD 63, Chem Dept, Indiana Univ ...Gordon M. **CRIPPIN**, PhD 72, Chem Dept, Texas A&M ...Paul **CURTIS**, PhD 79, PA International, Princeton, NJ ...David L. **DAUPLAISE**, PhD 77, American Cyanamid, Stamford, CT ...Henry **DAYRINGER**, PhD 76, Monsanto, St. Louis, MO ...Nordulf **DEBYE**, PhD 70, Chem Dept, Towson State Univ ...Robert J. **DEFRANCO**, PhD 72, DuPont, Wilmington, DE ...

Dennis **DIAMOND**, MS 57, Financial Consultant, Johannesburg, South Africa ...S. Webster **DODGE**, BChem 24, Retired, Westerly, RI ...William R. **DOLBIER**, Jr., PhD 65, Chem Dept, Univ of Florida ...Daniel R. **DONOVAN**, BChem 23, President, CM Mfg & Machine, Bloomfield, NJ ...Alan W. **DOW**, PhD 67, Baptist Memorial Hospital, Memphis, TN ...M. Peter **DREYFUSS**, PhD 57, Goodrich Tech Ctr, Avon Lake, OH ...Lois V. **DUNKERTON**, PhD 75, Chem & BioChem Dept, Southern Illinois Univ ...Garry **EHRlich**, PhD 59, US Geological Survey, Menlo Park, CA ...

Eugene O. **ELLIS**, Accountant, Jamaica, NY ...Charles E. **ENTEMANN**, PhD 33, Retired, Painesville, OH ...Karen L. **ERICKSON**, Chem Dept, Clark Univ, Worcester, MA ...Charles A. **EVANS**, Jr., PhD 69, Pres, Charles Evans & Assoc, San Mateo, CA ...Arnold H. **FAINBERG**, PhD 60, Pennwalt, King of Prussia, PA ...Donald G. **FARNUM**, Chem Dept, Michigan State Univ ...Jack **FASSETT**, PhD

78, Nat Bureau of Standards, Washington, DC ...Robert J. **FLETTERICK**, PhD 70, BioChem & Biophysics Dept, Univ of California, San Francisco ...

George C. **FLOYD**, PhD 33, Retired, Girard, OH ...James M. **FORTUNATO**, MS 76, McNeil Pharmaceutical, Spring House, PA ...Jeffrey R. **FOX**, PhD 78, Nat Bureau of Standards, Boulder, CO ...David S. **FRANK**, PhD 71, Eastman Kodak, Rochester, NY ...Mark B. **FREEDMAN**, MS 59, Merck, Sharp & Dohme, West Point, PA ...Eli **FREEDMAN**, Baltimore, MD...Howard **FREUND**, PhD 75, Exxon, Linden, NJ ...David J. **FRURIP**, PhD 76, Dow Chemical, Midland, MI ...Harold F. **FURBER**, Jr., MS 41, DuPont, Wilmington, DE ...Kenneth L. **GALLAHER**, PhD 75, Standard Oil (OHIO), Cleveland, OH ...

Robert R. **GARRETT**, PhD 57, DuPont, Wilmington, DE ...Paul G. **GASSMAN**, PhD 60, Chem Dept, Univ of Minnesota, Minneapolis, MN ...William E. **GEIGER**, PhD, Chem Dept, Univ of Vermont ...Henry C. **GIVAN**, Jr., PhD 24, Pittsburgh, PA ...William A. **GLAUNSINGER**, PhD 72, Chem Dept, Arizona State Univ, Tempe, AZ ...Jollie D. **GODFREY**, Jr., PhD 78, Squibb, Princeton, NJ ...Victor **GOLD**, Chem Dept, King's College, London, England ...Stephen A. **GOLDMAN**, PhD 73, Miami Valley Labs, Cincinnati, OH...

Wilson M. **GULICK**, Jr., PhD 65, Chem & Chem Eng Dept, Michigan Technological Univ, Houghton, MI ...William D. **GUROWITZ**, BA 53, VP Campus Affairs, Cornell Univ, Ithaca, NY ...M. R. **GUSTAVSON**, PhD 53, Lawrence Livermore National Lab., Livermore, CA ...Dewey A. **HAGEN**, BChem 23, Retired, Hillsboro Beach, FL ...A. T. **Hagler**, PhD 70, Agouron Inst., La Jolla, CA ...Elliot **HAHN**, PhD 70, Rockefeller Univ, New York, NY ...

Rudy **HAIDLE**, MS 71, Chem Dept, Northwestern Univ, Evanston, IL ...Lee R. **HARPER**, PhD 54, DuPont, Philadelphia, PA ...David N. **HARPP**, Chem Dept, McGill Univ, Montreal, Que ...William L. **HARRINGTON**, PhD 66, RCA Labs, David Sarnoff Res Ctr, Princeton, NJ

...Willard T. **HASKINS**, BChem 30, Retired, Yuma, AZ ...Julian J. **HAST**, BChem, Retired, Pittsburgh, PA ...William **HAWKINS**, PhD 80, Xerox, Webster, NY ...David M. **HAYES**, PhD 71, Chem Dept, Union College, Schenectady, NY ...Susan **HAYES**, PhD 73, GE, Waterford, NY ...

George **HEINSOHN**, PhD 74, DuPont, Wilmington, DE ...Edward W. **HEIDERICH**, PhD 51, Retired, Salzburg, Austria ...Robert H. **HEISTAND II**, PhD 82, Dow Chemical, Wayland, MA ...Paul **HELQUIST**, PhD 72, Chem Dept, SUNY, Stony Brook, NY ...Carl P. **HEMENWAY**, PhD 82, Rohm and Haas, Spring House, PA ...Ronald E. **HINMAN**, BChem 32, Retired, Medford, NJ ...Hugh B. **HODGE, Jr.**, PhD 28, Retired, Guilford, CT ...David **HODUL**, PhD 79, IBM, San Jose, CA ...Robert L. **HORTON**, PhD 51, American Cyanamid, Bound Brooke, NJ ...

James C. **HOWARD**, PhD 77, Middle Tennessee State Univ, Murfreesboro, TN ...James **HOWELL**, PhD 71, Chem Dept, Brooklyn College, Brooklyn, NY ...John R. **HOY**, BChem 27, Retired, Jacksonville, FL ...Ernest B. **HOYT**, Retired, Syracuse, NY ...Victor J. **HRUBY**, PhD 65, Chem Dept, Univ of Arizona ...Jamin **HUANG**, PhD 80, Union Carbide, Charlestown, WV ...Liang **HUANG**, PhD 49, Institute of Materia Media, Chinese Academy of Medical Sciences, Beijing, China ...Clifford E. **HUBRACH**, BChem 24, Self-employed, Millbrae, CA ...

E. C. **HUGHES**, PhD 30, Univ of Southern Cal, Los Angeles, CA ...Joanne S. **INGWALL**, PhD 68, Brigham & Women's Hospital, Boston, MA ...John F. **JAWORSKI**, PhD 74, National Research Council, Ottawa, Canada ...Jane **JERNOW**, Hoffmann-La Roche, Nutley, NJ ...Raymond G. **JESAITIS**, PhD 67, State Univ College at Utica/Rome, Utica, NY ...

Eugene L. **JEWETT**, BChem 22, Jewett Orthopaedic Clinic, Winter Park, FL ... Joseph C. **KALTENBACHER**, BChem, Palm Beach, FL ...Robert R. **KARL, Jr.**, BA 46, Univ of Colorado Med School, Denver, CO ...Malcolm E. **KENNEY**, PhD 54, Chem Dept, Case Western Reserve Univ, Cleveland, OH ...John H. **KIEFER**, PhD 60, Chem Eng Dept, Univ of Illinois, Chicago, IL ... C. Sue **KIM**, PhD

60, Chem Dept, Cal State Univ, Sacramento, CA ...A. Bruce **KING**, PhD 57, Gulf Research & Development, Pittsburgh, PA ...David S. **KLIGER**, PhD 70, Univ of Cal, Santa Cruz, CA ...

Richard J. **KLIMOWSKI**, PhD 69, Perkin-Elmer Norwalk, CT ...Bruce **KNAUER**, PhD 69, Chmn, Chem Dept, SUNY, Oneonta, NY ...Lawrence **KNOWLTON**, PhD 27, Kalamazoo, MI ...John W. **KOBZINA**, PhD 69, Chevron Chemical, Richmond, CA ...Robert G. **KOOSER**, PhD, Knox College, Galesburg, IL ...Richard **KORNFELD**, PhD 71, Philip Morris Res Ctr, Richmond, VA ...John C. **KOTZ**, PhD 63, Chem Dept, SUNY Oneonta, NY ...Irvin M. **KRIEGER**, PhD 51, Chem Dept, Case Western Reserve Univ, Cleveland, OH ...Arthur D. **KUH**, PhD 65, Eastman Kodak, Rochester, NY ...

Robert T. V. **KUNG**, PhD 71, Abiomed, Danvers, MA ...Peter M. **KUNZMANN**, PhD 72, Swiss Aluminium Ltd., Switzerland ...Robert **LAVILLA**, PhD 60, Nat Bureau of Standards, Washington, DC ...John N. **LABOWS, Jr.**, PhD 67, Monell Chemical Senses Ctr, Philadelphia, PA ...Robert H. **LAFFERTY, Jr.**, PhD 41, Retired, Oak Ridge, TN ...John C. **LANG**, PhD 72, Procter & Gamble, Cincinnati, OH ...Michael **LASKOWSKI, Jr.**, PhD 54, Chem Dept, Purdue Univ, W. Lafayette, IN ...

Eugene **LEGOFF**, PhD 59, Chem Dept, Michigan State Univ, East Lansing, MI ...Ronald S. **LEIGHT**, PhD 77, Union Beach, NJ ...Barry R. **LENTZ**, PhD 73, BioChem & Nutrition Dept, Univ of No. Carolina, Chapel Hill, NC ...Frank M. **LEVY**, BChem 17, Consultant, Port Huron, MI ...David K. **LEWIS**, PhD 70, Chem Dept Colgate Univ, Hamilton NY ...Alan F. **LINDMARK**, PhD 75, Chem Dept, Indiana UnivNW, Gary, IN ...Leslie **LOEW**, PhD 74, Chem Dept, SUNY, Binghamton, NY ...

Daniel T. **LONGONE**, PhD, Chem Dept, Univ of Michigan, Ann Arbor, MI ...Paul J. **LUCKERN**, MS 53, Soc Sec Admin, Pittsburgh, PA ...John **MACKLIN**, PhD 69, Univ of Washington, Seattle, WA ...Kathleen V. **MAHER**, PhD 74, Rohm and Haas, Bristol, PA ...Russell **MALZ, Jr.**, MS 63, Uniroyal

Chemical, Naugatuck, CT ...Margaret Brately **MAMET**, BA 59, Department de Biochimie, Universite de Montreal, Quebec ...Leo **MANDELKERN**, PhD 49, Inst of Molecular Biophysics, Florida State Univ, Tallahassee, FL ...

Thomas B. **MARSHALL**, PhD 50, Retired, West Chester, PA ...Stuart C. **MASSEY**, BChem 35, Retired, Lake Placid, NY ...Richard A. **MATHIES**, PhD 74, Chem Dept, Univ of Cal, Berkeley, CA ...Steven **MATSUMOTO**, PhD 75, Univ of Cal at San Diego, La Jolla, CA ...Fred **MAXFIELD**, PhD 77, Pharmacology Dept, NYU Med School, New York, NY ...David **MCADOO**, PhD 70, Univ of Texas Medical Branch, Galveston, TX ...Joanne M. **McCALIP**, Chem Dept, Comm Coll Allegheny County, Pittsburgh, PA ...Wm. Martin **McCLAIR**, PhD 65, Chem Dept, Wayne State Univ Detroit, MI ...

John K. **McCLENNAN**, PhD 46, Retired, Scottsdale, AZ ...H.W. **McCUNE**, PhD 49, Procter & Gamble, Cincinnati, OH ...Angelika H. **McHALE**, PhD 76, Dow Corning, Midland, MI ...A. J. **MEDALIA**, Cabot Corp, Billerica, MA ...B. Spencer **MEEKS**, PhD 51, Chem Dept, Moorhead State Univ Moorhead, MN ...Gary D. **MERCER**, PhD 74, Chem Dept, Boise State Univ, Boise, ID ...Edward **MILLER**, PhD 61, Chem Dept, Manchester College, N. Manchester, IN ...Robert D. **MILLER**, PhD 68, IBM, San Jose, CA ...Bob **MINARD**, PhD 68, Penn State Univ, University Park, PA ...

Thomas E. **MOFFITT**, BA 22, Retired, Seattle, WA ...Richard W. **MOONEY**, PhD 51, GTE, Stamford, CT ...Alec C. **MORGAN**, BChem 23, Retired, Atlanta, GA ...James A. **MORRELL**, PhD 79, Monsanto, St. Louis, MO ...Gloria Rubin **MOSESSON**, Publishing Consultant, Marblehead, MA ...

Janice A. **NAGY**, PhD 82, Harvard Med School, Boston, MA ...David L. **NEALY**, PhD 63, Eastman Kodak, Kingsport, TN ...Carl **NEBEL**, MS 61, PCI Ozone Corp., West Caldwell, NJ ...Gordon M. **NICHOLS**, PhD 47, Retired, Aiken, SC ...Lawrence E. **NIELSEN**, PhD 45, Plastics Consultant, Redmond, OR ...H. H. **NORDSIECK**, PhD 39, Retired, Cincinnati, OH ...Richard P. **OERTEL**, PhD 68, Procter &

Gamble, Cincinnati, OH ...K. Ole **OSRUNN**, Strafford-Wayne, PA ...Robert J. **OTT**, PhD 72, Eastman Kodak, Rochester, NY ...Dorothy **PAPISH**, Albany, NY ...

Moses **PASSER**, PhD 48, Dir, Ed Div, ACS, Washington, DC ...David E. **PATCHEN**, MS 67, IBM, Austin, TX ...Berbert H. **PECKHAM**, BChem 32, Retired, Basking Ridge, NJ ...S. William **PELLETIER**, PhD 50, Chem Dept, Univ of Georgia, Athens, GA ...Lorenzo F. **PELOSI**, PhD 73, DuPont, Wilmington, DE ...Gail **PESYNA**, PhD 75, DuPont, Birmingham, AL ...Robert J. **PFEIFFER**, PhD 58, Chem Dept, Univ of Santa Clara, Santa Clara, CA ...Hymo V. **PFISTER**, BChem 29, Retired, Wayne, NJ, ...Earl W. **PHELAN**, PhD 28, Tusculum College, Greeneville, TN ...

Herschel **PILLOFF**, PhD 66, Naval Res., Washington, DC ...Douglas **POLAND**, PhD 66, Chem Dept, Johns Hopkins Univ Baltimore, MD ...Carl F. **POLNASZEK**, PhD 76, Chem Dept, Univ of Minnesota, Minneapolis, MN ...Jermain **PORTER**, PhD 37, Retired, Honolulu, HI ...Noel M. **POTTER**, PhD 71, General Motors Res Labs, Warren, MI ...Barrett E. **RABINOW**, DuPont, Wilmington, DE ...Thelma **RAMADANOFF**, MS 37, Berea, OH ...Jesse R. **REA**, PhD 72, Duracell, Burlington, MA ...Sherman K. **REED**, PhD 49, VP, FMC Corp, Philadelphia, PA ...

Bernard E. **REHBERG**, PhD 65, Rohm and Haas, Philadelphia, PA ...Scott A. **REINES**, BA 68, Merck Sharp & Dohme Res Labs, West Point, PA ...Lloyd D. **REMINGTON**, MS 62, Chem Dept, UNC-Asheville, Asheville, NC ...Paul R. **RESNICK**, PhD 61, DuPont, Wilmington, DE

Daniel H. **RICH**, PhD 68, School of Pharm, Univ of Wisconsin-Madison, WI ...Lester **ROBBINS**, BChem 27, President, Robbins Contracting Co, Union, NJ ...Richard M. **ROBERTS**, PhD 38, Berkeley, CA...Eugene G. **ROCHOW**, PhD 35, Prof Emeritus, Harvard Univ, ...Theodore George **ROCHOW**, PhD 34, Prof Emeritus, NC State Univ Raleigh, NC ...Marianne P. **ROELLIG**, PhD 80, Raychem, Menlo Park, CA ...Glen E. **RODGERS**, PhD 71, Chem Dept, Allegheny College, Meadville, PA ...Edward **ROSENBERG**, PhD 70, Chem Dept, Cal State Univ, Northridge, CA ...

Douglas M. **ROSIE**, PhD 55, Chem Dept, Univ of RI, Kingston, RI ...Jay S. **ROTH**, MS 41, Biochem & Biophys, Univ of Connecticut, Storrs, CT ...William D. **ROUNDS**, MS 71, Chem Dept, Purdue Univ, W. Lafayette, IN ...Robert J. **RUBIN**, PhD, Nat Bureau of Standards, Washington, DC ...Rodney R. **RUCH**, PhD 65, Illinois State Geological Survey, Champaign, IL ...Stephen W. **RUDICH**, PhD 68, Staten Island, NY ...Philip G. **RUSSELL**, PhD 63, Great Lakes Res, Elizabethton, TN ...

Steven D. **RUSSO**, PhD 79, Chem Dept, Indiana Univ, Bloomington, IN ...Charles B. **RUTENBER**, PhD 30, Elmira, NY ...A. Lynam **SATTERTHWAITE**, BChem 22, Retired, Wilmington, DE ...Richard L. **SAWYER**, PhD 38, Retired, Beacon, NY ...W. Robert **SCHEIDT**, Chem Dept, Univ of Notre Dame, Notre Dame, IN ...John M. **SCHEMPF**, PhD 38, Penn State Univ, University Park, PA ...Ronald D. **SCHENKE**, PhD 76, Chem Dept, Johns Hopkins Univ, Baltimore, MD ...Paul **SCHIMMEL**, Bio Dept, MIT, Cambridge, MA ...

Charles S. **SCHOLLENBERGER**, PhD 47, BF Goodrich Co., Avon Lake, OH ...Richard **SCHOONMAKER**, PhD 60, Chem Dept, Oberlin College, Oberlin, OH ...Stephen E. **SCHULLERY**, PhD 70, Chem Dept, Eastern Michigan Univ, Ypsilanti, MI ...Harold S. **SCHWENK**, Retired, Storrs, CN ...Thomas **SCOTT**, PhD 81, Bell Labs, Murray Hill, NJ...D. Scott **SEARS**, PhD 43, Retired, Richmond, VA ...D. R. **SEARS**, PhD 58, US Dept of Energy, Grand Forks, ND ...

Nick **SERPONE**, PhD 68, Chem Dept, Concordia Univ, Montreal, Canada ...John C. **SHELTON**, PhD 64, Chem Dept, Cal State Univ, Hayward, CA ...Allen **SHEPP**, PhD 53, Polaroid, Cambridge, MA ...D. Robert **SILBERMAN**, PhD 65, Chem Dept, SUNY at Cortland, Cortland, NY ...Michael E. **SILVER**, PhD 82, Chem Dept, Hope College, Holland, MI ...Andrew **SIVAK**, PhD 78, Gulf Res & Dev, Pittsburgh, PA ...Norman A. **SKOW**, PhD 30, Naples, FL ...Earl Cooper **SMITH**, PhD 39, Indiana State University, Terre Haute, IN ...

John E. **SNOW**, PhD 42, Retired, Minneapolis, MN ...Jerome J. **SOLOMON**, PhD 72, NYU Med Ctr, Tuxedo, NY ...Howard **SORKIN**, PhD 60,

Philips Labs, Briarcliff Manor, NY ...Robert C. **SPRINGBORN**, PhD 54, Chm, Springborn Group, Enfield, CN ...O. Kirk **SPURR**, PhD 58, Union Carbide, Bound Brook, NJ ...John J. **STEGER**, PhD 71, Exxon, Linden, NJ ...Amy E. **STEVENS**, BA 76, Univ of Colorado, Boulder, CO ...Malcolm P. **STEVENS**, PhD 61, Chem Dept, Univ of Hartford, West Hartford, CT ...Halsey B. **STEVENSON**, PhD 37, Retired, Wilmington, DE ...

Chas. W. **STILLWELL**, PhD 26, Retired, Framingham, MA ...Carl A. **STREULI**, PhD 52, Lederle Labs, Pearl River, NY ...Satya S. **TALWAR**, PhD 69, Chem Dept, Indian Inst of Technology, Powai, Bombay ...Jane **TANG**, PhD 68, Dept of Health Services, Berkeley, CA ...Edward C. **TAYLOR**, Chem Dept, Princeton Univ, Princeton, NJ ...Donald E. **TUITES**, PhD 56, Counselor, Newark, DE ...A. D. **TURISSINI**, BChem 31, Retired, Sag Harbor, NY ...Simon W. **ULMER**, PhD 72, DuPont, Wilmington, DE ...Harold Van **WART**, PhD 74, Chem Dept, Florida State Univ, Tallahassee, FL ...

Alfred E. **VAN WIRT**, BChem 23, Retired, Glen Falls, NY ...Robert C. **VINCENT**, PhD 40, Chem Dept, George Washington Univ, Washington, DC ...Robert B. **VON DREELE**, PhD 71, Chem Dept, Arizona State Univ, Tempe, AZ ...Herbert W. **WALKER**, PhD 27, Retired, Tucson, AZ ...Edward H. **WALLACE**, PhD 35, Retired, Erie, PA ...Chester A. **WALWORTH**, BChem 20, Retired, Charleston, WV ...Chas. N. **WARD**, BChem 22, Retired, Bay Village, OH

David P. **WARRNE**, PhD 78, Eastman Kodak, Rochester, NY ...Jerome **WEINSTOCK**, PhD 60, Env Sci Services, Boulder, CO ...Eva Barta **WEISZ**, MS 60, Edison, NJ ...Robert S. **WEISZ**, PhD 42, Retired, Santa Barbara, CA ...Wanda Lizak **WELLES**, PhD 76, Kidney Disease Inst, NYS Dept of Health, Albany, NY ...Tunis **WENTINK**, Jr., PhD 54, Geophysical Inst, Univ of Alaska, Fairbanks, AK ...Michael F. **WHEELER**, PhD, Houghton College, Houghton, NY ...George C. **WHITNEY**, PhD 65, DuPont Photo Products Parlin, NJ ...

Eve **WILDI**, PhD 80, Eastman Kodak, Rochester, NY ...Brian Wesley **WILLIAMS**, PhD 81, Howard Hughes Med Res Inst, Univ of Washington, Seattle, WA ...Randall **WINANS**, PhD 76, Argonne National Lab, Argonne, IL ...Richard C. **WINTERTON**, PhD 77, Dow Chemical, Midland, MI ...Maynard F. **WITHERELL**, PhD 30, Retired, Bristol, VT ...Joseph **WOLINSKY**, PhD 56, Chem Dept, Purdue Univ, West Lafayette, IN ...Morton P. **WOODWARD**, BChem 20, Retired, Cincinnati, OH ...Herbert Fessenden **WRIGHT**, PhD 42, Univ of New Haven, West Haven, CT ...

LeRoy B. **YEATTS**, Jr., PhD 48, Oak Ridge Nat'l Lab, Oak Ridge, TN ...David **YEE**, PhD 78, Chem Dept, Harvard Univ, Cambridge, MA ...Wilbur **YELLIN**, PhD 62, Procter & Gamble Co, Cincinnati, OH ...R. S. **YOUNG**, PhD 34, Consulting Chemical Engineer, Victoria, B.C., Canada ...Stephen A. **ZAGER**, PhD 82, DuPont, Wilmington, DE ...Arie **ZASK**, Chem Dept, Columbia Univ, New York, NY ...Gary P. **ZIENTARA**, PhD 80, MIT, National Magnet Lab, Cambridge, MA ...

Mario A. **ACITELLI**, PhD 57, IBM, Charlotte, NC ...John W. **ACKERMAN**, PhD 31, Retired, Nutley, NJ ...Phillip **ADAMS**, PhD 50, Millmaster Onyx, Jersey City, NJ ...S. L. **AGGARWAL**, PhD 49, General Tire & Rubber, Akron, OH ...Raymond P. **ALLEN**, PhD 32, Consultant, Microscopy, Akron, OH ...John H. **ANDREEN**, PhD 45, DuPont, Wilmington, DE ...Keith P. **ANDERSON**, PhD 50, Chem Dept, Brigham Young Univ ...William J. **ARGERSINGER**, Jr., PhD 42, Chem Dept, Univ of Kansas ...

David **ARMENTROUT**, PhD 65, Dow Chemical, Midland, MI ...Earl L. **ARNOLD**, BChem 23, Retired, Rochester, NY ...Gordon J. **ARQUETTE**, PhD 52, The BOC Group, Murray Hill, NJ ...Robert W. **ASHCRAFT**, PhD 71, DuPont Photo Products, Towanda, PA ...E. B. **BAGLEY**, PhD 54, USDA, Peoria, IL ...Patrick G. **BARBER**, Chem Dept, Longwood College, VA ...William A. **BARBER**, PhD 52, American Cyanamid, Stamford, CT ...Paul L. **BARRICK**, PhD 39, Chem Eng Dept, Univ of Colorado ...

Paul F. **BENTE**, III and Henrietta Bryan **BENTE**, PhD's 75, HP-Genenchem, So. San Francisco, CA ...Elliot **BERGMAN**, PhD 55, Stauffer Chemical, Richmond, CA ...Basil **BERCHEKAS**, MS 31, Retired, Indianapolis, IN ...Richard R. **BERNECKER**, PhD 62, Naval Surface Weapons Ctr, Silver Spring, MD ... Paul W. **BLESS**, PhD 72, Electro-Science Labs, Pennsauken, NJ ...Peter **BOCKO**, PhD 80, Corning Glass Works, Corning, NY ...David M. **BODILY**, PhD 64, Fuels Eng Dept, Univ of Utah ...Susan D. **BOETTGER**, PhD 79, Bristol-Myers, Syracuse, NY ...

Robert K. **BOHN**, PhD 64, Chem Dept, Univ of Connecticut ...Robert **BOTTO**, PhD 76, Exxon, Baytown, TX ...Linn B. **BOWMAN**, BChem 25, Retired, Pittsford, NY ...Seymour W. **BRAINARD**, PhD 28, Retired, Wilmington, DE ...Johst H. **BURK**, PhD 78, Stauffer Chemical, Dobbs Ferry, NY ...Cynthia **BURROWS**, PhD 81, Chem Dept, SUNY, Stonybrook, NY ...Milton T. **BUSH**, PhD 34, Prof Emeritus, Pharm Dept, Vanderbilt Univ ...Alfred J. **CANALE**, PhD 47, Pacific Chemical, Albany, OR ...

Peter G. **CARTIER**, PhD 73, Rohm & Haas, Spring House, PA ...Richard Norman **CASTONGUAY**, PhD 72, Ciba-Geigy, Ardsley, NY ...Robert **CEDERGREN**, PhD 66, Biochem Dept, Univ of Montreal, Canada ...Orville L. **CHAPMAN**, PhD 57, Chem & Biochem Dept, UCLA ...Ralph A. **CHAPMAN**, PhD 68, Canada Agr Res Ctr, London, Ontario, Canada ...Albert C. **CHEN**, PhD 67, Mobil Chemical, Princeton, NJ ...Maynard **CHEN**, PhD 76, Polaroid, Cambridge, MA ...Pradisth **CHEOSAKUL**, PhD 44, Thai Asahi Caustic Soda, Bangkok, Thailand ...

Joseph **CHIANG**, PhD 68, Chem Dept, SUNY, Oneonta ...Chester T. **CHMIEL**, PhD 56, Uniroyal, Mishawaka, IN ...Hugh K. **CLARK**, PhD 43, DuPont, Aiken, SC ...Bruce N. **COLBY**, PhD 71, S-CUBED, LaJolla, CA ...Dennis **CORNELIUS**, PhD 72, Cutter Labs, Emeryville, CA ...David W. **CORNISH**, PhD 70, Sandoz, East Hanover, NJ ...F. Fleming **CRIM**, PhD 74, Chem Dept, Univ of Wisconsin ...G. Graydon **CURTIS**, PhD 62, Wood, Struthers & Winthrop Mgt Corp, NYC ...Louisa R. **DAVIS**, PhD 32, Retired, Argos, IN ...

Lee G. **DAVY**, PhD 34, Retired, Point Clear, AL ...Gilbert **GAVLIN**, PhD 48, Custom Organics, Chicago, IL ...Koert **GERZON**, PhD 49, Pharmacology Dept, Indiana Univ School of Medicine ...Arthur D. **GILBERT**, PhD 42, Retired, Wilmington, DE ...Byron L. **GILMAN**, MS 71, Medtronic, Inc, Minneapolis, MN ...Amal Y. **GIRGIS**, PhD 70, Chem Dept, L.A. Pierce College, Woodland Hills, CA ...Harold E. **GOLDSMITH**, PhD 26, Retired, Wallingford, PA ...Stephen E. **GOULD**, PhD 69, NYC, NY ...

Barrett K. **GREEN**, BChem 28, Consulting Chemist, Panama City, FL ...Peter F. **GROSS**, PhD 36, Retired, Woodstown, NJ ...Irving **GRUNTFEST**, PhD 41, USEPA, Washington, DC ...Tom **HAGEMAN**, PhD 76, New England Nuclear, Newton, MA ...William **HAGMANN**, PhD 78, Merck & Co., Rahway, NJ ...Allen T. **HAMNER**, PhD 68, Chem Dept, West Virginia Wesleyan College ...

Mervin P. **HANSON**, PhD 65, Chem Dept, Humboldt State Univ, CA ...Howard L. **HASSELL**, PhD 50, Retired, Houston, TX ...Fredrick W. **HAYWARD**, PhD 36, Retired, Winter Haven, FL ...R. G. **HERGENROTHER**, BA 36, Fried Industries, Milltown, NJ ...Jack L. **HERZ**, PhD 64, Stauffer Chemical, Westport, CT ...Ronald E. **HESS**, PhD 67, Chem Dept, Ursinus College, PA ...George R. **HILL**, PhD 46, Chem Eng Dept, Univ of Utah ...Trevor B. **HILL**, PhD 57, Chem Dept, College of William and Mary ...

Thomas Tsu Chi **HO**, MS 54, Butyl Corp., Taiwan ...Lehman E. **HOAG**, PhD 30, Retired, St. Simons Island, GA ...Colin **HOCKING**, Swedish Packaging Res Inst, Spanga, Sweden ...John C. **HOWARD**, PhD 53, Biochem Dept, Medical College of Georgia, Augusta, GA ...Norman J. **HUDAK**, PhD 59, Chem Dept, Willamette Univ, Salem, OR ...Edward W. **HUGHES**, PhD 35, Cal Tech ...Peter N. **LEWIS**, PhD 73, Biochem Dept, Univ of Toronto, Canada ...Francis **HUTTO**, PhD 53, La Pacific Corp, Fruita, CO ...

Raymond C. **INGRAHAM**, PhD 31, Port Charlotte, FL ...Richard T. **INGWALL**, PhD 67, Polaroid, Cambridge, MA ...Thomas L. **JACOBS**, PhD 35, Prof Emeritus, Chem

Dept, Univ of Cal, Los Angeles ...Marilyn E. **JACOX**, PhD 56, Nat Bureau of Standards, Washington, DC ...Harold A. **JEWETT**, Retired, Washington, DC ...Arnold **JOHNSON**, Hendersonville, NC ...A. William **JOHNSON**, PhD 57, Dean of Grad School, Chem Dept, Univ of North Dakota ...Oliver H. **JOHNSON**, PhD 39, Retired, Hampstead, NC ...

Samuel C. **JONES**, BChem 28, Retired, Chadds Ford, PA ...Samuel S. **JONES**, PhD 50, ARCO Metals, Tucson, AZ ...William C. **JONES**, Jr., Retired, Baytown, TX ...Mary Schuster **JAFFE**, BA 37, General Electric, Cleveland, OH ...Ernest J. **JOSS**, PhD 26, Retired, State College, PA ...Maureen M. **JULIAN**, PhD 66, Geo Sci Dept, VPI ...A. Thomas **KASHUBA**, PhD 70, Betz Labs, Trevose, PA ...

William **KIRK**, Jr., PhD 43, Retired, Wilmington, DE ...Robert J. **KLEINHAUS**, BA 35, V.P. & Treas., Cooper Chemical Co., Long Valley, NJ ...Spencer **KNAPP**, PhD 75, Chem Dept, Rutgers Univ ...Paul **KOENIG**, BA 68, Pediatrics, North Central Bronx Hospital ...George E. **KOSEL**, Chem Consultant, Park Ridge, NJ ...Kain-Sze **KWOK**, PhD 72, Fraser & Neave, Singapore ...J. T. **KWON**, PhD 62, G.E. Lummus, Bloomfield, NJ ...S. S. **LABANA**, PhD 63, Polymer Science Dept, Ford Motor Co, Dearborn, MI ...

Lorraine **LABANA**, PhD 65, Dearborn, MI ...Bennett C. **LAGUZZA**, PhD 81, Eli Lilly, Indianapolis, IN ...Neil L. **LARK**, PhD 60, Physics Dept, Univ of the Pacific ...Aubrey A. **LARSEN**, PhD 46, Retired, Evansville, IN ...Robert G. **LAUGHLIN**, Procter & Gamble, Cincinnati, OH ...Karl E. **LEMMERMAN**, PhD 51, Procter & Gamble, Cincinnati, OH ...Zafra **LERMAN**, Chmn, Science Dept, Columbia College, Chicago, IL ...George G. **LIBOWITZ**, PhD 54, Allied Corp, Morristown, NJ ...Ronald K.H. **LIEM**, PhD 73, Pharm Dept, NYU School of Medicine ...

Kin-Ming **LO**, PhD 81, Postdoc, MIT ...Karl L. **LOCKWOOD**, PhD 55, Mech Eng Dept, Ohio State Univ ...R. Neil **LOWRY**, PhD 69, Swan Recreational Prod, Ont., Canada ...Robert D. **LUCCI**, PhD 77, Hoffmann-LaRoche, Nutley, NJ ...James E. **MAGOFFIN**, PhD 36, Retired,



Kingsport, TN ...Willard J. **MARTIN**, PhD 41, Retired, Rapid City, SD ...Willis E. **MARTIN**, BChem 20, Retired, Stuart, FL ...Richard **MARTINELLI**, PhD 80, Postdoc, Harvard Medical School ...Harry E. **MATTIN**, BChem 18, Mearl Corp., Ossining, NY ...

William F. **McDevitt**, PhD 50, Vice Chmn & Exec Dir, Comm on Educ Aid, DuPont, Wilmington, DE ...Ted M. **McKINNEY**, PhD 64, Riverside, CA ...Beverly **MEIGS**, BA 33, Retired, Basking Ridge, NJ ...Wayne **MELANDER**, PhD 70, Chem Eng Dept, Yale Univ ...Herbert **MELTZER**, MD, BA58, Univ of Chicago, Pritzker School of Medicine ...Harold Clark **METCALFE**, Retired, Wickenburg, AZ ...James R. **MICHAEL**, PhD 57, Exxon, Florham Park, NJ ...Ralph **MIEGEL**, PhD 48, DuPont, Wilmington, DE ...

Marvin J. **MILLER**, PhD 76, Chem Dept, Univ of Notre Dame ...Phillip A. **MILLER**, PhD 36, Retired, San Francisco, CA ...John **MIODUSKI**, PhD 74, Hoffmann-LaRoche, Nutley, NJ ...Sheila **MOREHOUSE**, PhD 62, Chem Dept, Manhattanville College, Purchase, NY ...Frank **MOREHOUSE**, PhDs 62, Crawford & Russell, Old Greenwich, CT ...C. Richard **MORGAN**, PhD 46, Arthur D. Little, Inc, Cambridge, MA ...William S. **MORRISON**, PhD 73, IBM, San Jose, CA ...Harold C. **MATTRAW**, PhD 50, Ojai, CA ...Walter C. **McCRONE**, PhD, 42, Pres, McCrone Res Inst, Chicago, IL ...

Fannie **MOSES**, BChem 18, Retired, NYC ...George W. **MULHOLLAND**, PhD 73, Nat Bureau of Standards, Washington, DC ...David **MULLER**, PhD 80, Western Research Corp., San Diego, CA ...George W. **NAYLOR**, BChem 22, Retired, Stuart, FL ...Clive H. **NELLIS**, BChem 24, Retired, Herkimer, NY ...Arthur E. **NEWKIRK**, PhD 40, Retired, Schenectady, NY ...Robert **NEWTON**, MS 50, Sr VP, Eberstadt Asset Mgt Co, New York, NY ...John G. **NIKELLY**, PhD 56, Chem Dept, Philadelphia College of Pharmacy ...

Walter G. **NILSEN**, MS 51, Bell Labs, Murray Hill, NJ ...Norman **NOTLEY**, Nova Media Corp, Sierra Madre, CA ...Thomas A. **OROFINO**, PhD 56, Monsanto, Dalton, GA ...David **OSTFELD**, PhD 72, Dart & Kraft, Paramus, NJ ...Thomas

B. **OWEN**, PhD 50, Fairchild Space & Elec Co, Germantown, PA ...Jerome **PANZER**, PhD 56, Exxon Res, Linden, NJ ...Norman E. **PARNELL**, PhD 46, Bergen Comm College, Paramus, NJ ...Robert F. **PASTERNAK**, PhD 62, Chem Dept, Swarthmore College, PA ...George W. **PAWEL**, BA 11, Retired, Morris, PA ...

Carleton E. **PERRIN**, PhD 68, Nat Sci & Humanities, York Univ, Canada ...Lyle F. **PETERSON**, Jr., MS 54, IBM, Essex Jct., VT ...Dixon C. **PHILIPS**, BA 16, Retired, Hightstown, NJ ...Donald D. **PHILLIPS**, General Mgr, Res & Develp, Mobil Chemical, Edison, NJ ...Thomas J. **PINNAVALA**, PhD 67, Chem Dept, Michigan State Univ, East Lansing, MI ...George F. **POLZER**, Jr., BA 40, Exec VP, Commercial Serv, Witco Chem Corp., New York, NY ...John T. **PORTER** II, PhD 55, General Atomic Co., San Diego, CA ...

John J. **POTTINGER**, Retired, Barberton, OH ...Burt C. **PRATT**, PhD 38, Director, Crystal Trust, Wilmington, DE ...Donna **PRICE**, PhD 37, Naval Surface Weapons Center, Silver Spring, MD ...Maurice **PROBER**, PhD 46, Retired, Fairfield, CT ...Mary E. **PURCHASE**, MS 49, Des & Env Anal, Cornell Univ ...James W. **PYPER**, PhD 64, Lawrence Livermore National Lab, Livermore, CA ...Thomas P. **RADUS**, PhD 77, Bettis Labs, West Mifflin, PA ...Winston H. **REED**, Sr., MS 33, W.H. Reed Co., Punta Gorda, FL ...

Noel M. **RELYEA**, PhD 73, DuPont, Wilmington, DE ...David I. **RICHARDSON**, PhD 70, VP, Res & Devel, Armour Res Ctr, Scottsdale, AZ ...Bruce W. **RISTOW**, PhD 66, Asst VP, Acad Affairs, SUNY, Geneseo, NY ...Francis D. **ROBERTS**, PhD 64, VP, Res & Devel, Kendall Co., Boston, MA ...Gordon B. **ROBINSON**, PhD 64, Pres, Barclay Holdings, Inc., Houston, TX ...T. G. **ROEHNER**, BChem, Retired, Kennett Square, PA ...Don H. **ROTENBERG**, PhD 60, VP, Res & Devel, American Optical, Southbridge, MA ...

Miguell J. **ROYRA**, PhD 65, DuPont, Washington, WV ...George J. **ROYER**, PhD 32, Retired, Darien, CT ...John V. **RUND**, PhD 62, Univ of Arizona, Tucson, AZ ...Guy L. **RUNDEL**, BChem 29, Retired, New Milford, CT ...Emile **RUTNER**, PhD 51, Retired, Takoma PK, MD ...Oliver N. **SALMON**, PhD 46, Retired, St. Paul, MN ...Frank W. **SCHLAEFER**, PhD 62, Rohm & Haas, Spring House, PA ...Richard H. **SCHLOSSEL**, PhD 68, Center for Energy & Environmental Studies, Princeton, NJ ...

Lynn **Schneemeyer**, PhD 78, Bell Labs, Murray Hill, NJ ...Anthony M. **SCHWARTZ**, PhD 31, Self-employed, Rockville, MD ...Allan R. **SHULTZ**, PhD 53, GE, Schenectady, NY ...Martha N. **SIMON**, PhD 68, Brookhaven Nat Lab, Upton, NY ...Brandes H. **SMITH**, PhD 60, Exxon, Houston, TX ...G. Warren **SMITH**, PhD 66, Dean, Sciences & Tech, Univ of Houston, TX ...Harold Ray **SNYDER**, PhD 35, Prof Emer, Chem Dept, Univ of Illinois, Urbana, IL ...Henry N. **STEULER**, BChem 31, Retired, Upper Montclair, NJ ...H. Arthur **STRECKER**, PhD 48, Consultant, Walton Hills, OH ...

Dennis P. **STROMMEN**, PhD 71, Carthage College, Kenosha, WI ...Arthur C. **SUCSY**, PhD 48, Rohm & Haas, Philadelphia, PA ...Georges E. **TABET**, PhD 45, Retired, Racine, WI ...John F. **TANCREDI**, MS 66, Union Carbide, Danbury, CT ...William J. **TAPP**, PhD 43, Retired, Stanford, CT ...Anne Kuhlmann **TAYLOR**, PhD 72, Nutley, NJ ...Gerard T. **TAYLOR**, PhD 71, Hoffmann-LaRoche, Nutley, NJ, ...Harold N. **TAYLOR**, PhD 49, President, Hagerstown Leather Goods, Hagerstown, MD ...

Walter L. **THOMPSON**, PhD 55, DuPont, Chattanooga, TN ...Robert S-C **TSAI**, PhD 72, Loctite Puerto Rico, Sabana Grande, PR ...William **TUSZYNSKI**, PhD 82, Pennwalt, King of Prussia, PA ...Paul W. **VITTUM**, PhD 33, Retired, Mesa, AZ ...W. Von **NIESSEN**, Dept Phys Chem, Technische Universitat Braunschweig, West Germany ...John **VOURNAKIS**, PhD 68, Biochem Dept, Syracuse Univ, Syracuse, NY ...Bernard **WAGER**, BChem 31, Retired, NYC, NY ...George **WALKER**, PhD 52, Retired, Waynesville, OH ...

Peter **WALSH**, PhD 77, MIT, Cambridge, MA ...Ralph H. **WARDLOW**, MS 33, Retired, St. Louis, MO ...Craig B. **WARREN**, PhD 68, VP & Dir, Organoleptic Res Dept, International Flavors & Fragrances, Union Beach, NJ ...Paul C. **WARREN**, PhD 69, Bell Labs, Murray Hill, NJ ...Patricia Loral **WATSON**, PhD 76, DuPont, Wilmington, DE ...William J. **WATT**, PhD 56, Dean of the College, Washington & Lee Univ, Lexington, VA ...Herbert A. **WEAKLIEM**, PhD 58, RCA Labs, Princeton, NJ ...Edwin S. **WEAVER**, PhD 59, Mount Holyoke College, South Hadley, MA ...

Christopher J. **WELZ**, PhD 26, Retired, Swarthmore, PA ...Allen C. **WEST**, PhD 61, Chem Dept, Lawrence Univ, Appleton, WI ...John C. **WHEELER**, PhD 67, Univ of California, San Diego, La Jolla, CA ...Edwin F. **WHITING**, PhD 50, J.T. Baker Chemical Co., Phillipsburg, NJ ...B. **WIDOM**, PhD 53, Chem Dept, Cornell Univ ...Edwin A. **WILDE**, BChem, Retired, Cleveland, OH ...Max B. **WILLIAMS**, PhD 41, Chem Dept, Oregon State Univ, Corvallis, OR ...Charles O. **WILLITS**, PhD 33, Retired, Medford, NJ ...

Eugene C. **WINSLOW**, PhD 43, Retired, Warren, NJ ...Sau-Fong **WONG**, PhD 73, Sr. Scientific Officer, Dept of Scientific Services, Singapore ...William R. **WOOD**, BChem 27, Retired, Melbourne Beach, FL ...Robert W. **WORK**, PhD 32, Prof Emer, North Carolina State Univ, Raleigh, NC ...John E. **YOUNG**, PhD 70, Argonne Nat Labs, Argonne, IL ...Robin H. **YOUNG**, PhD 81, DuPont, Aiken, SC ...John **ZAJECK**, PhD 62, Arco Chem Co., Newton Square, PA ...

---

## ■ LETTER FROM LAUBY

The Chemistry Department's "Open House for Alumni" last June was attended by a goodly number of reuning alumni to chat with our faculty. A special exhibit of pictures of the awarding of the Nobel Prize in Chemistry to Roald Hoffmann was featured.

We old-time residents of Baker Lab also greatly appreciate the frequent visits of alumni during the rest of the year. Grace and I were delighted to be invited by George Polzer, BChem 40, to the award dinner at which he was inducted into the Cornell Athletic Hall of Fame. As an undergraduate he played as a classy short-stop on the baseball team and his authoritative batting contributed to its success. George has had a fine career in industry, presently being a Vice President for Witco. His brother Charlie, who completed study with me for the MS, came with his wife to celebrate, and we had a fine reunion.

Recently, Steve Stevenson, PhD 37, and his wife visited Betty and Bill Miller and we had a very pleasant evening hashing over old Cornell days. Since retiring from DuPont's Research Station, Steve has had great fun blending and carbonating wines to produce superior grades of champagne. Combining this hobby with extensive horticultural experimentation keeps him well and happy.

A phone call early in October came from Ed Wallace, PhD 36, a student of Professor Briggs. He was in Ithaca to fetch his daughter, who is in Biochemistry at Cornell. Ed retired from a career which began with industrial rubber chemistry and progressed to administering the procurement of tires for the US Government. He lives in Erie, PA, and takes advantage of living in a fine wine-grape area by bottling bulk wine fermented by local wineries.

Chap Condit, BChem 22, who lives in retirement in Syracuse, came back to the campus for a football game and dropped in with his son, Doug, to chat. Doug studied engineering at Cornell and now is in construction in Syracuse.

A. W. Laubengayer

## ■ REUNION WEEKEND '84

The Department of Chemistry will be holding Open House during Reunion Weekend on Friday, 8 June from 1:30 to 4:00 pm in the lobby of Baker Laboratory. A. W. Laubengayer will host the occasion, and will bring along memorabilia from his collection. We look forward to seeing many of you at the reunion.

---

## ■ ACS Alumni Hour—St. Louis

The Alumni Social Hour at this year's National ACS Meeting in St. Louis will be held on Wednesday, 11 April, from 5:30 to 7:00 pm at the Sheraton St. Louis, Ballroom Center. Look for our sign; we'll see you there!

---

## ■ Essma Davis 1912-1983

We were saddened by the loss of our friend, Essma Davis, on Christmas Day 1983. As most of you know, Essma was a mainstay of the department for more than 40 years. Many of us saw her at the annual Holiday party in December, and remember her cheerful vitality. We will miss her.

---

## ■ Coming in The Spring Issue

Next month we'll be publishing our Spring Newsletter, which will include features on the Baker Lecturers of 1983, the special collection of works by Robert Boyle now in Cornell's History of Science Collection, Lauby's recollections of the Department's history and Roald Hoffmann's thoughts on the differing views of C. P. Snow and F. R. Leavis on the gap between intellectual humanists and scientists. We'll also have an Alumni News column, which will become a regular feature of the Newsletter. Address any alumni items to Earl Peters, Dept. of Chemistry, Cornell University.

---

■ Faculty Members      Spring 1984

---

H. D. Abruña	M. E. Fisher	G. H. Morrison
A. C. Albrecht	J. H. Freed	R. F. Porter
B. A. Baird	B. Ganem	J. R. Rasmussen
J. M. Burlitch	M. J. Goldstein	H. A. Scheraga
J. Bernstein*	E. R. Grant	K. H. Theopold
B. K. Carpenter	G. G. Hammes	D. A. Usher
J. C. Clardy	R. Hoffmann	B. Widom
D. B. Collum	P. L. Houston	J. R. Wiesenfeld
W. D. Cooke	F. W. McLafferty	C. F. Wilcox
G. S. Ezra	J. E. McMurry	P. T. Wolczanski
R. C. Fay	J. Meinwald	

\*Visiting

### Emeritus Faculty

S. H. Bauer	F. A. Long
J. L. Hoard	A. W. Laubengayer
W. T. Miller	

<b>Chairman</b>	R. Hoffmann
<b>Acting Chairman</b>	W. D. Cooke
<b>Executive Director</b>	E. Peters

Cornell University  
Baker Laboratory  
Ithaca, New York 14853