GREETINGS FROM THE CHAIRMAN

It's hard to organize and begin a report to you covering all the past year's many activities. But first—the academic scene.

Our classes had slightly fewer in them, by 2.7%, than in the prior year. All told, there were 5000 students in a total of 45 classes and 107 labs, including our graduate courses. Of this number 425 were declared majors in chemistry, including 253 premeds, 12 marine science/chemistry majors, 25 professional chemists, and 20 graduate students.

This led, on 4 May 1982, to granting 68 BS degrees in chemistry, of which three were professional and the rest premeds. Of the professionals, ADAM OPPENSTEIN and JOHN STUFF are in graduate school, at Penn State and U. Massachusetts, respectively; ROBERT GALATIK is with Dow Chemical in Michigan.

Premeed Committee records, provided by Mrs. Lipman, show that 28 of the above chemistry majors have thus far been accepted to 63 different medical, dental, or related professional schools. (One graduate had eight acceptances!) There are about 20 active applications and alternate acceptances that as of this writing have not yet been acted upon. Two are going into business school MBA programs, two into computer science, and one into law school.

At this year's Honors Convocation, held 6 April 1982 in the Ferre Music Hall, you honored the outstanding premedical student, ANA LOPEZ-GOMEZ (GPA, 4.0) and professional chemistry student, JOHN STUFF (GPA, 3.8), with inscribed Merck Index volumes to each, as well as having the names engraved on separate plaques which hang on the chemistry office wall for all to see—CHEMISTRY ALUMNI OUTSTANDING PREMEDICAL (or) PROFESSIONAL AWARD. MS. LOPEZ-GOMEZ is now at the UM medical school; MR. JOHN STUFF is now in the graduate chemistry program of the University of Massachusetts. MARK SANDHOUSE won the award for the best organic chemistry paper delivered last May at the annual meeting of the Florida Section of the American Chemical Society. MR. SANDHOUSE described brain-aging research executed under the aegis of E. Mann. MARK is continuing in the UM graduate chemistry program.

Three MS degrees—- to JOEL TRUESDELL (with M. Van De Mark), JEFFREY CIANGI (with W. Drost-Hansen), and VALERIE LANG (with R. Doepker)--- and two doctorates—- to KENNETH SNELL (with A. Keenan) and MARIA VICTORIANO (with W. Purcell)--- were granted, bringing to totals of 95 and 51, respectively, the number of MS degrees granted since 1948, and PhD degrees conferred since 1962. JOEL is continuing his graduate studies in analytical chemistry at U. Hawaii, JEFF is working on an MBA, and KEN is in chemical industry in Michigan. MARIA and VALERIE, please let us know what you are doing!

With impetus provided by faculty members T. Cummings, R. Gawley, and W. Purcell, and with your help via the alumni fund, our junior and senior professional chemists, numbering 14, at a brief ceremony on 30 October 1981 in our seminar room, received lab smocks with escutcheons sewn to the left breast pocket. The patch is a colorful combination of the UM symbol molded with a three-dimensional projection representation of ferrocene, an organo-metallic compound.

At the annual Christmas reception at the Schultz' home Chemistry Alumni Graduate Student Awards of $50 checks were presented to outstanding graduate students, and also the recipients' names placed on a titled plaque which hangs on the chemistry office wall. The awards, determined by faculty and/or undergraduate student votes, were presented to SCOTT BOYETTE, VALERIE LANG, and INES TRIAY for outstanding TA performance; MARTA GOICOECHEA-PAPPAS, best first-year graduate student; JAMES LANKFORD, best upper division graduate student; and MARIA VICTORIANO, for the best published paper.

On 23 April 1982 two murals on chemical topics, painted by Gerald Winter of the UM Art Department, were dedicated and hung in conspicuous areas of our building corridors. The brilliantly colored, 4-ft x 4-ft panels, donated by the chemistry alumni, and described as such with attached placards, are of a Liquid Crystal Mosaic (2000X magnified) of p-(p-heptyloxybenzylidene)-p-n-butylandine and of Collagen (11000X magnified), a fibrous protein which provides structure and strength to soft tissues and animal organs. Attached is a picture, taken at the moment of dedication of the murals, which shows Chairman Schultz and Art Professor Winter, along with the Liquid Crystal Mosaic mural.
C. H. Stuckwisch, department chairman for the four years of 1968-1972, effected numerous changes in and to the department. In the realm of graduate education, a complete remodeling of the graduate program became effective in 1971, with core courses constituting the major thrust of the first year of graduate student study, specialization being postponed to the second and subsequent years of graduate study.

Into a department with a dearth of equipment was brought at least some of the large instumental needs, such as a Hitachi Perkin-Elmer 60 MHz H-nmr spectrometer, a Cary UV/VIS spectrometer, a JASCO ORD/UV-5 spectropolarimeter, and a CEDC 103-C mass spectrometer, to cite the more important acquisitions.

Also during the period of 1968-1972, like all USA campuses, the University campus was the scene of student strife and unrest, a reaction to the USA Vietnam policy at that time. The sciences, although possibly less affected by student disturbances, were nonetheless also in a state of ferment; "relevant" became the social tocsin of the time.

And also in the late 60's a slowing of the economic pulse of the country, a retreat from the "Sputnik"-induced scientific fervor of the previous decade, combined to reduce the number of graduate students. Conforming to a countrywide retreat, graduate students in the Chemistry Department sank from a high of 31 (1971) to a low of 17 (1978). So did also Department undergraduate students 3422 (1968-69), sink to a fall 1977 low of about 2900.

In 1972 C. G. Stuckwisch became Dean of the Graduate School, University of Miami. Upon a vote of the Chemistry Department faculty, Dean McQuitty of the College of Arts and Sciences appointed H. P. Schultz chairman of the Chemistry Department, as of June 1972.

During the five academic years (1967-68 through 1971-72) that the department was chaired by C. G. Stuckwisch 342 premed BS degrees and 34 professional chemistry degrees were granted. A precipitous diminution in the number of UM professional chemistry baccalaureate degrees was observed as the nation slid into the early-seventies recession—1969, 10; 1970, 9; 1971, 7; 1972, 2. (Heresfore talented students had in many instances opted for a scientific career; the reduced national demand for chemists turned many brilliant individuals to a premedical orientation.) Additionally 19 MS and 11 PhD degrees were granted in the same above interval of time.

The period from 1947 to 1967 was a long one of improvisation, inadequate space and equipment for highly technical programs, insufficient funding, and bifurcation between two campuses—the North and Main Campuses. Handicapped though the department was, its teaching and research productivity increased all through this time. With only one printed paper issued from the chemistry department in 1948, by 1957 a half-dozen papers, and by 1966 (the last full year in the old Anastasia Building) 23 papers were published by various of the chemistry faculty.

Under the above circumstances there was considerable faculty mobility, many chemists serving Miami for brief periods. Faculty who were here, but constructively and vigorously, served the Chemistry Department during the 1947-67 interval were: Joseph E. Glacken (Am, Washington), 1946-47; James H. Moffit (PhD, Northwestern), 1947-49; Richard B. Ellis (PhD, Vanderbilt), 1948-52; Richard C. Hall (PhD, Ohio State), 1949-54; Seymour Yolles (PhD, North Carolina), 1948-53; Jerome G. Morse (PhD, IIT), 1952-55; H. W. Allison (MS, ?), 1953-54; Ludwig Luft (PhD, Kansas), 1955-57; Lewis Jennings (MS, Michigan), 1956-61; Arthur H. Haut (PhD, Fordham), 1957-58; Nathaniel L. Remes (PhD, Connecticut), 1957-59; Earl Brill (PhD, Miami), 1958-59; Arthur J. Lewis (MS, Columbia), 1959-61; Frank D. Popp (PhD, Kansas), 1959-62; Karl S. Vorres (PhD, Iowa), 1960-62; David F. Bever (PhD, Ohio State), 1961-62; Irving Lilien (PhD, Brooklyn Poly), 1962-65; John O'Mhart (MS, Miami), 1962-73; John P. Guarino (PhD, Notre Dame), 1963-65; Howard B. Powell (PhD, Texas), 1963-69.

(H. W. Allison temporarily replaced A. P. Mills who in 1952-1953 during the Korean War was ordered to active duty with the US Navy, serving as officer in charge of a service school in Yorktown, Virginia).

The fall of the academic year 1966-67, the last year the Chemistry Department spent in the old Anastasia Building, saw 2283 students taught by 12.5 faculty and 23 graduate assistants, with three staff members serving the administrative and logistics demands of the department.
MUCH 'N LITTLE FROM OUR ALUMNI

Each spring I talk to many chemistry alumni during our telephone campaign. And all through the year, but especially at Christmas time, you send me notes, cards, and letters that describe your circumstances. Please stay in touch and keep us informed. Your fellow alumni are also interested in where you are and what you are doing.

One of UM's cum laude graduates, RONALD B. BEACHMAN (BS, 1973; MD, UM, 1977), has begun practice as a psychiatrist in Springfield, MA. DR. BEACHMAN, after earning his MD degree, served on the medical faculties of Harvard, Tufts, and Boston University Medical Schools, as well as having had residency experience at Veterans Administration Hospital, Bedford, University Hospital, Boston, and Boston City Hospital. DR. BEACHMAN is married to the former Sandy Cohen of Springfield, MA.

Especially happy was I to receive a joint Christmas greeting from two wonderful former fellow students, both now at Johns Hopkins University—JOHN BRANTLEY (BS, 1980) and CARL FREIDHOFF. JOHN is a graduate student in biophysics; CARL (see below, please) is in the JHU chemistry department.

DR. YOUNG SANG CHOI spent productive research years here at UM from 1975-1977 working for C. Criss on problems concerned with thermodynamics of dilute solutions. He wishes us well last Christmas with an evocative and bucolic scene engraved on a lovely Christmas card, and tells us that he is now teaching in the Department of Chemistry at Korea University in Seoul.

ANA ALIXANDRE CIERESZKO (BS, 1969) married, with two children, and teaching chemistry at the Miami Dade Community College, still finds time to do more! She is a Vice President of the College of Arts and Sciences Alumni Association, and she is the 1981 Chairman of the Arts and Science College Annual Telephone Campaign.

JUDY COHEN (X, 1976; MD, UM, 1980) wrote us from upper New York state that she is now married (her husband is a radiologist), making her name DR. JUDY COHEN RUTHEMG.

JOSEPH FREAL (BS, 1958) still resides here in the Goulds area, doing chemical consulting and quality control for Adamo Veterinary Research Labs, as well as developing land and groves in the Redlands area below Miami.

The Chesapeake Bay area and Johns Hopkins University brought us greetings from CARL FREIDHOFF (BS, 1981), who is a graduate student of physical chemistry. CARL, who commented on his very good scholastic background, was teaching an introductory chemistry course as part of his graduate duties at JHU as of last spring. CARL received the prestigious Thomas Arkle Clark Award, given annually to the outstanding Alpha Tau Omega Fraternity member, a tribute to CARL's scholastic ability and a credit to the University of Miami.

CHARLES GRANITO (BS, 1960; MS, 1962) has been involved with chemical information, a field he has become well known in, and now has recently taken on an additional responsibility as the president of International Products Corporation of Trenton, NJ. One of his products, "Micro," a liquid laboratory cleaner, was a whiz of a cleaner, as we observed in the labs here at UM.

About a year ago we heard that WILLIAM H. GREENWOOD (BS, 1969; MD, UM, 1973) became Monroe County's only Board Certified Anesthesiologist. DR. GREENWOOD holds appointment and privileges at DePoo Hospital of Key West, where his wife Kathy is an RN on the nursing staff. They have one child, Kristin, age 8.

Three-fifths of the way through dental school at Chicago, DEBORAH A. HILEMBOCH (BS, 1979) included with a pleasant letter and greetings her caveat that the above progress assumed that her needed patients would come along at the right time! All else was going beautifully for her.

Now in graduate school where he is doing research in organic chemistry, THOMAS KODADEX (BS, 1981) is enjoying Stanford University.

A beautiful and vivid Christmas card from EN-CHU LIN (BS, 1972, National Chung-Kung University; MS, 1980), Taiwan, assured us that all was well with him.

WILLIAM McGUIRE (BS, 1981) started work as a chemist II with the Ferro Corporation of Bedford, OH, specializing in analytical chemistry.

ALFRED NICOLETTI (BS, 1974; D0, Des Moines U., 1978) specialized in family medicine, doing a residency at the New York Interborough Hospital. DR. NICOLETTI is now practicing locally, with an office on Sunset Drive.

SCOTT OSBORNE (BS, 1979) and his wife, JLL, wrote from East Lansing, MI, where at MSU SCOTT hopes to complete his doctorate in sociology as a preliminary to medical school. All was well with SCOTT and JLL OSBORNE, but it was cold in Michigan!

JAMES R. POWELL (BS, 1978; MD, Jefferson, 1982) received his medical degree at the 158th commencement of Jefferson Medical College. A superb student who also took the professional chemistry sequence for his BS degree requirements, DR. POWELL plans a general surgery residency at Western Pennsylvania Hospital in Pittsburgh.

DENNIS RANSKY (BS, 1975; MS, Marshall U, 1978) has been a long-time correspondent. Last June I sent the very enthusiastic news, via an invitation, that on 31 July 1982, Nancy Marie Barty's and DENNIS were married. DENNIS is a chemist with Ford Mortor Company in Dearborn, MI. Congratulations, MR. and MRS. RANSKY.

KATHRYN SCHWENZER (BS, SUNY Buffalo, 1970; PhD, 1974) writes a fascinating letter and includes with it a wealth of information that discerns the reader involved with Abbott Labs at North Chicago. On one of the company publications included in her letter there is a picture of DR. SCHWENZER along with the other members of the group which developed a direct immunoenzymoassay system called TDX, which has also led to publications in Clinical Chemistry (Fluorescence Polarization Immunooassay—An Automated System for Therapeutic Drug Determination) and The Journal of Analytical Toxicology (Fluorescence Polarization Immunooassay for the Determination of Therapeutic Drug Levels in Human Plasma). The group with which DR. SCHWENZER is associated at Abbott Labs sounds like a creative and gung-ho outfit!

Last 16 April 1982 I was pleased to be the guest of Alpha Epsilon Delta at their annual banquet (very enjoyable food and drinks)--KAM---who started at the UM medical school in this fall of 1982 with 90 credits, rather than a BS degree), there to meet DR. JUAN SORONDO (BS, 1968; MD, UM, 1972) and listen to his fascinating speech. DR. SORONDO specialized in gastroenterology at Mt. Sinai and Jackson Hospitals in Miami; he is now at the Coral Gables Hospital. His lovely wife, MRS. SORONDO nee ALICIA OTAHO, earned a UM BS degree as a math major in 1970. They have three children, all of whom, I was assured, are future UM students. Oh yes, DR. SORONDO was president of the UM chapter of AED in 1968!

DAVID TECOSKY (BS, 1975; DMD, U. Penn., 1979,) stopped by my office last March to bring me up to date, which included news of his wife, BARBARA, a nurse that he met in the operating theater of Pennsylvania Hospital whilst DR. TECOSKY was an...
Greetings, from p. 1----

expanding the American Chemical Society approved professional chemistry program from our own College of Arts and Sciences.

Professor Carl Snyder has started and coordinated a MCAT review course, in which in the late summer one spends a month reviewing the sciences, as well as learning how to take exams of the MCAT type.

The new six-year Honors Premed Program, already in its first and second years, attracted a dozen outstanding chemistry majors who finish 90 credits of undergraduate study in only two calendar years, then move on to the UM medical school to a waiting slot.

Also during the last two summers H. Hubinger and C. Snyder have taught an introductory science program to talented young girls of the 10-14 years age group.

As an exterior service to quite especially South Florida industry, the Department created a Chemistry Affiliates program. Under the aegis of E. Man a mutually beneficial relationship between the Department and interested industry and business was established. Professor Man is also the Department's industrial liaison officer, our representative to the prestigious national Council for Chemical Research.

Several major pieces of teaching and research equipment were acquired last year; most widely used among these acquisitions are a polarograph for the analytical chemistry division and a high-performance liquid chromatograph needed by all research-oriented faculty. Your contributions helped to purchase these items of equipment, bring two outstanding chemists to our campus seminar program, send four students to present papers at technical meetings, as well as the other uses described above in the preceding paragraphs.

So you see, 1981-82 was a big year. And 1982-83 will be even bigger. Among important tasks which face your Department are searches to fill two faculty positions—a new position in analytical chemistry and a replacement for R. Doepker in physical chemistry, as well as a chairmanship. We welcome your advice, counsel, suggestions, and nominations for any of these openings, which properly filled will project us even faster and further into the future.

Goodbye. it's great to have known you. Thank you for caring.

Alumni, from p. 3----
oral surgery extern. Dr. TECOSKY, now residing in Mount Carmel, PA, practices dentistry in Philadelphia.

MICHAEL WEISS (BS, 1981) is now in his first year of medical school at UCLA, and doing splendidly as he assured me during late last March, commenting also that medical school is harder than organic chemistry!

PETER WHITMAN (BS, 1965; MS, 1967; PhD, U Wisconsin, 1972) continues on the research staff of Upjohn. Dr. WHITMAN has been active in the town government of Groton, CT, and was reelected to its Board of Education. He and Fran have three rapidly growing children, all good students (no surprise!) and all with a bent for math and music!