Holiday Greetings from the WSU Chemistry Department to all alumni and friends. One saying which is always made concerning a university is that the only item which is constant is change. During the past year, change was the catchword at WSU. After an exhausting search, Audrey McGowin was hired as the newest faculty member of the Chemistry Department. Audrey received her Ph.D. from the University of Missouri-Columbia, where she worked with Stanley Manahan in Environmental Analytical Chemistry. She then spent three years as a post-doc at the ABC Laboratories, a nationally known Environmental Research Lab. Audrey, along with Dan Bombick, George Hess and Tom Tiernan, will be responsible for the chemist segment of the new Environmental Sciences Program at WSU. The Environmental Sciences was originally part of the Biology Department. Two years ago it became a free standing program in the College. Currently, Environmental Sciences has the third largest enrollment in the College behind Psychology and Biology. Sue Cummings graciously relinquished her office and laboratory to Audrey. Sue still teaches the senior level inorganic chemistry on an adjunct basis for us. Jim Kane, after 30 years of teaching, finally decided that he had had enough of the classroom scene. Jim and his wife Peg are living the good life in their newly remodelled home in Yellow Springs. The social event of the department occurred last August when Dan Bombick married Catherine Rauch. Dan is adjusting to the duties of married life as well as acting as advisor to the Chemistry Club. We all hope that Dan doesn't get the two duties confused.

John Fortman continues on the ACS Visiting Speakers tour for the third year in a row. His trips included The Ozarks, Upstate New York and Texas-Arizona, where John managed to set off the fire alarms at the U. of Arizona. We're all amazed that John can get on a plane carrying all those explosive chemicals which he uses in his talk/demonstration. John was promoted to the rank of Full Professor this year. He also has taken on the duties of being the coordinator of the the Science Education Program being developed at WSU. The Science Education Program involves the teaching of elementary education majors biology, chemistry, geology and physics. Until last year those courses were taught in the College of Education. Dean Marc Low has negotiated to have the courses taught in the College of Science and Mathematics by trained scientists, not by trained educators. Hopefully, the new elementary education graduates will not have any fear of science, but instead can convey an excitement and stimulate youngsters interests in the various sciences.

Bill Feld and Ivan Goldfarb are keeping the Polymer Program moving along. They received an additional $67,000 to continue their research with the ADTEC Company of Beaver Creek. Bill set a record by having 5 people defend their theses last year. Ivan is advancing the knowledge of synthetic polymer uses in large bodies of water. He is frequently seen navigating his sailboat either on the water or on I-75. While at the San Diego ACS Meeting, Bill ran into his former student Kumarapandian Paulvannan (Paul). Paul is still at the Scripps Research Institute working with K. Nicolaou. A picture featuring the Nicolaou group appeared in C&E News last spring.

Dan Ketcha maintains a very active research operation. Dan was recently awarded a $25,000 research grant by Aldrich Chemical to synthesize some intermediate pyrroles which he discovered. Dan drove his group to the Washington, D.C. ACS meeting in August. At the meeting Johyne Brooke (Chemistry Club President) presented an invited poster on the activities of the WSU Chemistry Club. While attending the ACS meeting Dan spent time with three of his former research students, Ron Tomlinson (Marion Merrill Dow), Jeff Schreier (University of Florida) and Jim Cook (Miles).

Rubin Battino attended the Sixth Symposium on Solubility Phenomena in Buenos Aires in August, where he chaired a session and also presented papers. Rubin gave an invited talk at the ACS Meeting in San Diego on "the Teacher as Metaphor". Although Rubin is planning on retiring in August 1995, he shows no signs of slowing up. He is completing a book on Ericksonian Hypnotherapy and The Life of Charley Taylor (the man who built the Wright Brothers engines). Rubin will be shifting his efforts to New Zealand to work on a 6-7 month fellowship.

Vladimir Katovic is still actively synthesizing inorganic molecules for the Plasma Physics Lab at the Wright-Patterson Air Force Base and is building a new Inorganic Preps Lab on the 4th floor of Oelman Hall. Vlado still makes his annual sojourn to his home in Croatia. He claims it is to escape the pollens in Ohio to which he is allergic.
Paul Seybold continues to put the students through their paces in the Physical Chemistry course. Paul also coordinates the Graduate Student Admission Committee for the department.

Ken Turnbull still has an active and large research group. Ken is very active in publishing and this year continued to function as the co-editor along with Dan Ketcha of the Annual Reports in Organic Synthesis series.

Dave Grossie managed to get his "new" X-ray diffractometer operational and is busy running X-ray crystallography for people. Dave's new lab is in 125 Oelman, next door to Dave Dolson's laser lab. Dave Dolson, in addition to being promoted to Associate Professor, graduated two students with their MS degrees this year. One of his MS students, Diana West won the 1994 Ohio Valley Section of Applied Spectroscopy Graduate Student Award. Diana's thesis entitled "Energy Transfer from Electronically and Translationally Excited Cl Atoms to Vibrational Modes in SO2" also was nominated as the Wright State University's representative to the 1995 Midwestern Association of Graduate Schools Distinguished Master's Thesis Award competition.

During the ACS meeting in San Diego last April, several members of the department were entertained by formed faculty member Edgar Hardy. Edgar is actively involved in San Diego Community Affairs and enjoys painting in his studio at his home. Edgar asked to be remembered to all his friends and former students at Wright State.

Gordon Skinner in a note to George Hess noted, that from his home in Banks, Oregon, a suburb of Portland, he and his wife Marjorie were traveling extensively. Gordon, one of the founding faculty members of the WSU Chemistry Department, is still leading an active life-style.

This past year the Chemistry Department graduated 18 MS people; this was a record. The previous year 1992-3, the department graduated 14 MS people, which according to C&E News ranked the WSU Chemistry Department in a tie for 15th in the country for MS in Chemistry graduates. An interesting sidebar is that further examination of the C&E News list indicates that the WSU Chemistry Department ranked second in the country in the graduation of MS degrees for schools in which the MS in Chemistry is the terminal degree offered by the institution. Requests for GTAs have exceeded the number which we have available. An interesting fact is that many of the GTA information requests have come from outside the immediate Dayton area. Other indications that the WSU MS program in Chemistry has an excellent reputation are that several pharmaceutical companies have expressed an interest in our graduates and we are starting to get companies to send interviewers to campus to speak to our prospective graduates. The department is acutely aware that the viability of our programs is based upon the preparation of our students and we are doing everything feasible to maintain the high quality and standards that have characterized our programs.

CAMPUS CONSTRUCTION

In last year's newsletter I discussed the ongoing construction of the new Student Union. I am pleased to report that the new Union is finished and is fully operational. Many of the student services previously found on the 1st floor of Allyn Hall and the Allyn Hall extension have been moved to the Union. Research and Sponsored Programs are moving into some of the space in the Allyn Hall extension. In addition to the Food Court and the many meeting rooms, the Health Club is very popular with students, faculty and staff. A reminder that the Health Club is open to all dues paying Alumni and those of you who plan on visiting the campus should check out the facilities.

Continuing around the campus, the Fawcett Hall construction in which the 3rd and 4th floors of Fawcett are being renovated to house the Psychology Department, is in its final stages and the Psychology people are scheduled to move in during the Spring Quarter with all the moves being completed by the end of June 1995. The Microbiology Department is starting to vacate (as this letter is being written) the 4th floor of Oelman Hall for the newly remodeled basement of the Mathematics Building, which has changed its name to the M&M Building (Mathematics and Microbiology).

John Fortman and I, along with architects and university planners, are currently making plans for the use of the 3rd and 4th floors of Oelman. The most recent plan has the Oelman Hall 3rd floor being a classroom floor, with 7 new classrooms being constructed. Most people remember the shortage of classroom space at the university and this plan will hopefully remedy that problem. The 4th floor of Oelman will become all Chemistry. Tom Tieman's Brehm Lab operations will occupy about 25% of the floor space with the rest being devoted to the Chemistry Department's research needs. Included in the Oelman 4th floor renovation will be the creation of an Educational Science Lab, which will be used by Biology, Geology and Physics in addition to Chemistry for the training of Elementary School Teachers.
Beginning in the Winter Quarter, a new academic building to be used by the Education College will be started in the parking lot in front of Rike Hall. The Visitors Parking Lot which now uses that space will be moved to the area in front of the new Student Union. Thus, if you come to campus for a visit, it may be wise to park in the new Student Union Visitors Lot.

NEW GRADUATES
A hearty welcome to the following new chemistry alumni who received their WSU diplomas between July 1, 1993 and June 30, 1994.

BACHELORS OF SCIENCE IN CHEMISTRY

Applegate, Brian E.
Barns, Melissa L.
Brunner, Mark I.
Davis, William
Duran, Christina Cruz
Habash, Walid A. El
Hinch, Bryan T.
Kepner, Jonathan
Krein, Douglas M.
Lewis, Jennifer M.
Lindsay, John B
Litteral, Vaughn T.
Luna, Susan M.
Marsico, Vera M.
Moore, Scott G.
Nijakowski, Timothy M.
Rowley, Tony Kyle
Stitzel, David
Wanamaker, Mark D.
Watkins, Ronald J.

MASTERS OF SCIENCE IN CHEMISTRY

Baughman, Todd M
Chao, Jianhua
Chen, Hong-Ming
Chen, Jiaxing
Cook III, James H.
Gabbard, Stephen R.
Jennings, Robert B.
Lavine, Gary N.
Lieurance, Brett A.
Lin, Xuejun
Nagpal, Deepshika
Pulver, Michelle K.
Ren, Ziyi
Roselius, Mark W.
Shanbhag, Smita M.
Suzuki, Tetsuya
West, Diana S.
Xiao, Dong

WORK LOCATION

Baughman, Todd M: Eli Lilly, Indianapolis Indiana
Chao, Jianhua: Florida State University, Tallahassee, Florida - Grad School
Chen, Hong-Ming: Columbus, Ohio
Chen, Jiaxing: SUNY - Buffalo - Amherst, New York
Cook III, James H.: Miles Labs, Connecticut
Gabbard, Stephen R.: Mead Co., Dayton, Ohio
Jennings, Robert B.: DAYCHEM, Centerville, Ohio
Lavine, Gary N.: Michigan State U., East Lansing, Michigan- Grad School
Lieurance, Brett A.: DAYCHEM, Centerville, Ohio
Lin, Xuejun: University of Cincinnati, Cincinnati, Ohio - Grad School
Nagpal, Deepshika: Biochemistry Department, Wright State University
Pulver, Michelle K.: BASF, Kinderhook, New York
Ren, Ziyi: Cleveland, Ohio
Roselius, Mark W.: Springfield, Ohio
Shanbhag, Smita M.: Detroit Michigan
Suzuki, Tetsuya: Japan
West, Diana S.: Dept. of Energy Lab, Los Alamos, New Mexico
Xiao, Dong: University of Pennsylvania, Philadelphia, Pennsylvania
You will note that some of the data on the location of our M.S. students is sketchy. The problem is that we rely on each of you to keep us up to date regarding your situations. Thus, when you change locations or jobs, please drop us a line with your new address. Occasionally, we get requests for students to fill positions and we like to have a current address on hand. If it is more convenient, you can phone us with the information at 513-873-2855.

I wish to once again invite all of you to visit us if you are in the Dayton area. Our super secretaries Marty Tucker and Peggy Lubera and our student worker Jenny Thwaits will be happy to be of assistance and make you feel right at home. Also, check the enrollment listings at ACS meetings to see if any of the WSU Chemistry faculty are attending. Leave a message for us or visit us at a poster session. We are all enthusiastic to hear how you are doing. Finally, on behalf of the entire department, I want to thank all of you who have generously contributed to the Chemistry Department through the University Foundation. To those of you who are considering making a donation to the WSU chemistry department, please make certain that you designate that your contribution be earmarked for the Chemistry Department.

In closing I want to wish you a joyous Holiday Season and good fortune in 1995.

Paul Serve
Commencing this year the Chemistry Program along with other academic programs at Wright State will be undergoing an assessment of its quality and content. This assessment program has been mandated by the North Central Accrediting Group and the Ohio Board of Regents. Methods to be used for assessing the program will include Alumni Surveys and Employer Surveys. These surveys will be short and to the point.

We would be most appreciative if you would fill out the form below so that we can obtain a more complete survey. Note that one of the items requested is the name of your immediate supervisor; this will be for the employer survey. I will promise you that this information will not be used to solicit money from you via tele-marketing. After filling out the form, enclose it in the stamped addressed envelope and drop it in the mail. Thank You.

NAME (PRINT) ___________________________________________

YEAR RECEIVED DEGREE FROM WRIGHT STATE  B.S. _________  M.S. _________

HOME ADDRESS __________________________________________

HOME PHONE NUMBER (OPTIONAL) ____________________________

EMPLOYER ________________________________________________

EMPLOYER ADDRESS ________________________________________

WORK PHONE NUMBER ______________________________________

NAME OF IMMEDIATE SUPERVISOR ______________________________
