

UMSL CHEMIST

8001 Natural Bridge Road - St. Louis, MO. 63121

VOL. 4

MARCH, 1986

Chairman's Message

As promised in 1984, the UMSL CHEMIST is fast becoming accepted as a regular annual publication. Much has happened since we published the last issue, and most of it will be described or mentioned in these pages.

One year ago the controversy concerning the CBHE recommendation lingered; there were still some uncertainties about Commissioner Aery's plans for the future of UM-St. Louis. We had just completed an extensive series of program reviews culminating in the Duplicated Program Review. The latter was designed to eliminate some programs which existed on all four UM campuses, for example doctoral programs in chemistry. There was much uncertainty about the Science Complex. Original plans called for a \$25.2 million facility, the legislative request was for \$23.2 million, but Commissioner Aery of the CBHE had recommended only \$12 million.

Since then many extremely positive events have occurred. The legislature approved the \$23.2 million and in spite of a \$4 million veto by the governor, the \$19.2 million Science Complex is in final stages of architectural design and construction is expected to begin this summer. The results of the various program reviews were that the chemistry program was among

several at UM-St. Louis selected for enhancement and in the summer it was selected as one of eight in the UM-system to be developed into "Centers of Eminence" by 1995. Plans for the department include addition of faculty, graduate students, improvement of graduate stipends and the improvement of facilities and especially major instrumentation. Funds for this program will come from the state, the federal granting agencies, and the chemical industry. Although there may be uncertainties about the state's ability to provide the required funding, the necessary first step in this process, we are very optimistic about the development of the chemistry program, and we have the support of President Magrath, Interim Chancellor MacKinney and Dean Terry Jones.

Another important development during the past year was that for the second year in succession we were successful in the highly competitive National Science Foundation Chemical Instrumentation Grant Program. Last year we received funds which allowed us to purchase a research quality infrared spectrometer; this year we acquired funds to purchase a Varian XL-300 NMR spectrometer. The presence of such a facility in the building will revolutionize undergraduate and graduate research in the department. In addition, the receipt of this award of \$140,000, which was matched by \$82,200 from the university, represents the level of recognition for which we have been striving for

a long time. I regard this as one of the most important developments in our short history. We aggressively continue to seek funds from this source. Currently proposals are pending for a GC-MS system and for the upgrading of the UM-St. Louis/Washington University joint X-ray Diffraction Facility. We are also seeking funds for a departmental computer to supplement the integrated scientific computer network system which will be installed in Benton Hall as part of a special state appropriation of funds to the UM-system.

Last year's resurgence in alumni activities was a good start and we look for continued improvement. The reception we held last April was a success with more than fifty people in attendance. I did think the function followed too closely the "phonathon" and thus perhaps had a fund-raising connotation to some of you. Of course there was none and we sincerely hope to see more of you this next April 4, 1986 when we hold our second annual function. I feel it is very important for us to keep in touch with our alumni. Any measure of success we use must clearly include, as a major part, the successes of our graduates. Some of our recent successes, including the designation as a future "Center of Eminence", relate to our placing emphasis on our interaction with the chemical and related industries in St. Louis. Of course faculty initiatives have seen some success in this area, collaboration with industrial colleagues in many areas and at many levels, industrial grants, and so on. The most important component of this success, however, is the success of our graduates in the local industry. UM-St. Louis has more chemistry graduates working in the chemical companies than any other single institution. This includes the large companies whose recruitment is nationwide.

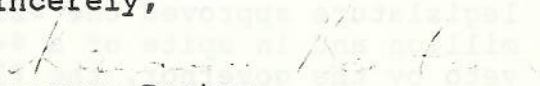
There are many, many examples we could use to describe alumni successes. Our problem is that it is not so easy to maintain data that are current. We hope you will keep in touch with us. Please take time to complete the information form at the end of this newsletter. Let us know what you are doing, about your successes in professional and personal activities. Let us know what you think about the newsletter and what we should be doing in alumni activities. Many of you made financial contributions to the alumni fund this last year. We thank you for your support. We certainly need all the financial support we can get, however the focus of our alumni activities is not limited to that aspect. Success of graduates, political and other support can do much more for us and for your alma mater.

It is certainly very pleasing to read of successes of alumni. One example of this was my reading of the technical program at the recent National ACS Meeting in Chicago. The program included six recent graduates of the department, the details are given later.

One way in which we can be of assistance is in the employment area. Some of you contact me when there are openings in your companies, others contact me when they are looking for positions or changes in positions. I hope both groups will continue to contact me, or whoever happens to be chairman. The phone number is 553-5311.

On behalf of my colleagues on the faculty and staff I wish you a successful 1986.

Sincerely,


Lawrence Barton
Associate Professor of
Chemistry and Chairman

Graduates 1984-85

Since we are publishing the UMSL Chemist every Spring we decided to include August 1985 and January 1986 graduates in order that future listings will be very current.

August 1984

Stephen Jedrzykowski BA
Pamela K. Rush Ph.D.

December 1984

Gerard Beasley BA
Janet K. Braddock BA
Barbara Isaac BA
Joseph Maas BA
Peggy S. Ponzar BA
David Regan BA
Robin Evans BS
Floris Homan BS
Judy Morris BS
Judith L. Taylor BS
Jettie J. Travis BS
Hassan Saleh MS
Douglas K. Stracke MS
R. Keith Webber MS
Rajiv M. Banavali Ph.D.

May 1985

Jeffrey W. Beger BA
Linda J. Henken BA
Joan A. Raumschuh BA
Mark Willet BA
Sandra E. Aubuchon BS
Steven C. Standley BS
William E. Tator III BS
Christopher P. Wachter BS
Michelle D'Harlingue MS

August 1985

Julia M. Sicking BA
Kevin Stewart BA
Antonia K. Phipps BS
Gary L. Hilmes Ph.D.
Susan A. Jansen Ph.D.

December 1985

Kevin Berdak BA

Jeanette Kew BA
Lisa L. McChesney BA
Douglas L. Boyer BS
Ward J. Longolius BS
Mary E. Rudolph BS
Rebecca L. Simeone BS
Richard Wisneski BS
Michael Hauser MS
Mario Deprimo MS

The 1985 Fall ACS meeting where six alumni were on the program is an appropriate place to start.

Donna G. Friedman (Alway), Ph.D. 1979, presented a paper in the 35th National Technician's Symposium which was held at the meeting. Donna is chairman of the chemistry department at the Florissant Valley Community College. She was recently married to Dr. Robert Friedman, a chemist employed by Monsanto.

Deborah F. Bergstrom, BS, 1980, was coauthor of two papers presented in the inorganic division. Debbie is working on her Ph.D. degree with Paul Rasmussen at the University of Michigan. Debbie and her husband Wayne live in Ann Arbor, Michigan with their two daughters, Christina and Stephanie.

Mary K. Hays, BS 1982, was coauthor of a paper presented in the inorganic division by Dr. John Bleeke of Washington University in St. Louis. Mary is working towards her Ph.D. with Bleeke and is a fourth year graduate student at Washington University.

Mark A. Leiber, BS 1980, presented a paper in the division of chemical health and safety at the meeting. Mark, who is employed by Monsanto, is currently working toward an MS degree, part-time at UM-St. Louis. The work Mark presented at the meeting was recently published in Analytical Chemistry.

Pamela K. Rush, Ph.D. 1984, presented a paper in the inorganic division coauthored by her post-doctoral advisor Maurice Brookhart of the University of North Carolina-Chapel Hill. Pam has since moved on and is now a research chemist at Hercules Inc. in Wilmington, Delaware.

Mark Vilmer, BS 1983, was coauthor of a paper presented in the inorganic division by Dr. Paul Sharp of UM-Columbia. Mark is working on his MS degree with Dr. Sharp.

The St. Louis Section of the American Chemical Society has a strong UM-St. Louis flavor as usual. In addition to the typically active roles played by faculty and students, UM-St. Louis alumni dominate the key important positions in 1986.

Phyllis R. Bennett, MS 1979, serves as chairman of the St. Louis Section after spending 1985 as chairman-elect and also chairman of the Steering Committee. Phyllis is a research chemist working in protein technology at Ralston Purina. Phyllis received her BS degree from Miami University in 1952 and was pleased to see the establishment of the Award in honor of Dr. Berndt since he had encouraged her as she started back in chemistry. During the 23 year hiatus from studying chemistry, Phyllis spent six years working at Monsanto, married Bill Bennett and raised two children.

Donna G. Friedmann, mentioned above, serves as Treasurer of the St. Louis Section. Donna had previously served as business manager for the Chemical Bond.

Dennis W. Wester, BS 1970, serves as chairman of the awards committee and as a voting member of the Board of Directors. Dennis is a research manager at Mallinckrodt Inc. He received a Ph.D. degree at the University of Florida, spent time at Ohio State University as a post-doc

and worked at Amoco and Argonne National Laboratories prior to returning to St. Louis. We are also very pleased that Dennis is currently teaching part-time at UM-St. Louis as adjunct Assistant Professor of Chemistry.

Steve Sprinkle, BS 1976, MS 1984 serves as chairman of the Education Committee and also as a voting member of the Board of Directors. Steve teaches chemistry at St. Mary's High School in South St. Louis.

Harold Messler, BS 1970, serves as chairman of the Publicity and Public Relations Committee and also as a member of the Board of Directors. Harold is the chief Criminalist and Head Chemist in the St. Louis Police Department Crime Laboratory. (see Vol. 3, "The UMSL Chemist").

J. Michael Dye, BS 1977, is Associate Editor of the Chemical Bond. Last year Mike served as Editor. He is a research chemist at the P.D. George Company and is currently pursuing a MS degree in chemistry, part-time at UM-St. Louis.

James K. Grant, MS 1982, is currently President of the Chemical Council of Missouri after serving as Vice-President in 1985. Jim received his BS degree in Chemical Engineering from the University of Illinois and an MS in Chemical Engineering from Washington University. Prior to taking courses in chemistry at UM-St. Louis, he received an MS in Engineering Management through the UM-Rolla extension center on the UM-St. Louis campus. He spent six years at Monsanto prior to joining Mallinckrodt in 1975 where he now serves as a Director of Environmental Affairs.

The Alan F. Berndt Outstanding Senior Award

This year's awardee was Lisa Lynn McChesney. Lisa graduated with a BA degree, Summa Cum Laude in December 1985 and now works as a chemist at the Seven-Up Company Research Laboratories in St. Louis. She was presented the award which includes a certificate of recognition and a small honorarium by Mrs. Marion Berndt on April 28th, 1985.

Last year we presented a list of the awardees. We had established this list ex-post facto. For 1975 we listed Robert W. Dugger but since then we realized that we had goofed. That year two seniors shared top honors, Bob Dugger and Daniel E. Henton. The plaque which hangs in the office alongside Alan Berndt's photograph bears the names of both Bob and Dan. Dan completed a Ph.D. degree in organic chemistry at Ohio State University after graduating from UM-St. Louis. He is now a research chemist at Dow Chemical in Midland, Michigan. Apologies were accorded for our error to Dan.

The Faculty

Last year William J. Welsh agreed to join the faculty in the summer of 1986 as assistant professor. He is a physical chemist and will take the position occupied by the late Alan F. Berndt. Bill is a theoretical chemist with interests in structure-activity relationships in high performance and elastomeric polymers and in theoretical and computer graphic studies of anti-cancer drugs and other biomolecules. He received his BS degree from St. Joseph's University in Philadelphia, his Ph.D. degree from the University of Pennsylvania and he did post-doctoral work at the University of Cincinnati. He worked in industry at

Proctor and Gamble, and most recently was on the faculty of the College of Mount St. Joseph in Cincinnati and served as an adjunct faculty member at the University of Cincinnati.

Gordon K. Anderson's research program which he runs with the help of four graduate students and a postdoc. continues to progress. He was recently awarded a grant from the Petroleum Research Fund of the ACS for a study of "Cyclopentadienyl and Fulvalene Complexes of the Platinum Group Metals". He presented a paper at the XIIth International Conference on Organometallic Chemistry in Vienna, Austria, September 1985.

Charles W. Armbruster, very active in his teaching, recently began participation in a high school outreach program for the department. He will be one of the Plenary Lecturers at the UM-St. Louis Junior Science, Engineering and Humanities Symposium in March speaking on "Superman and Little Magnets: NMR Imaging in Medicine".

Lawrence Barton will complete a second, three year term as chairman this year. He has been very active this last year on the long range plan for the department, on the plans for the science complex, and on the establishment of an industrial advisory council, yet still found time to publish three papers in metallaborane chemistry on results from the Ph.D. thesis research of Pamela K. Rush.

Eric G. Brunngraber is expected to join the faculty as a regular member later this year. Eric is currently Adjunct Professor of Chemistry at UM-St. Louis and a member of the staff of the Biochemistry Unit at the Missouri Institute of Psychology and is Professor of Biochemistry in the Medical School at UM-Columbia. Eric currently teaches biochemistry in the department and directs UM-St. Louis graduate and undergraduate

research students. Eric has a highly productive research program in neurochemistry and he expects to bring a post-doctoral research associate with him and will continue his research in room 262 Benton Hall (the old "animal room").

James S. Chickos is currently on leave at the University of Reading in England. His research program has gone very well recently, he published several papers in 1984-85 and he continues to collaborate with colleagues throughout the US.

Eugene R. Corey with Joyce Corey and Peter Gaspar of Washington University is busy planning the VIIIth International Organosilicon Symposium to be held in St. Louis in 1987.

Joyce Y. Corey was the 1985 recipient of the St. Louis Award of the St. Louis Section of the American Chemical Society. For this well-deserved recognition, Joyce was cited for her enthusiastic and untiring efforts as a teacher and researcher and particularly for her motivation of young people and especially young women to pursue study in chemistry. Joyce's highly productive research program continues in collaboration with three graduate students.

David L. Garin is currently re-establishing his research program in organic chemistry. He recently took a graduate student - UM-St. Louis alumnus - Floris Homan. Dave continues his activity in science and public policy. He recently testified before the House (of Representatives) Subcommittee on Science, Research and Technology on bill HR 2823, the University Research Revitalization Act of 1985. He more recently cochaired a Coalition of Science and Technology Task Force on University Research Facilities in Washington DC which included several congressmen.

Harold H. Harris spent the summer of 1985 at the Solar Energy Research Institute in Golden, Colorado.

M. Thomas Jones is back after his sabbatical leave which he spent in St. Louis. He is chairman of the Science Complex Committee and has logged many hours testifying before the CBHE and the central administration in Columbia, speaking to the architects and moderating disagreements about the distribution of space etc. His research program continues to go well and he has been awarded grants by McDonnell-Douglas and the Missouri Research Assistance Act Committee. He recently took on a post-doc and has a graduate student and several undergraduates in his laboratory.

David W. Larsen, has been busy recently installing the new 300 MHz NMR spectrometer. His research in collaboration with Anheuser Busch, from which he recently received a research grant continues.

Jane A. Miller is currently on sabbatical leave in Philadelphia, studying the history of the development of the chemical industry there with a view of comparing it with that in St. Louis. Jane continues to write on the history of women in chemistry.

Robert W. Murray continues his highly visible and productive research program. He and his coworkers have recently discovered and characterized dimethyldioxirane, an extremely powerful oxygen transfer agent. His major National Institutes of Environmental Health Sciences award has recently been renewed for four years. His research group now comprises five graduate students and two post-docs.

James P. Riehl spent much time these last few months helping determine how the campus would spend a one-time state appropriation of \$1.385 m for computer facilities. As a

result, the department will see a dramatic improvement in access to computation facilities later this year. Jim spent the summer of 1985 at Hanscom Air Force base on a United Energy Systems/USAF faculty research fellowship. He received grants this year from the USAF Office of Scientific Research and was also awarded the Monsanto Postdoctoral Fellowship appointment.

John Schreifels, the coordinator of alumni relations for the department, spent last semester on a research leave, putting together his surface science laboratory in 411 and 412 Benton Hall.

Michael Sworin recently expanded his research operation into the old 343/264 lab to accommodate his three graduate students and several undergraduates. Mike received a grant from the Petroleum Research Fund of the ACS recently.

Rudolph E.K. Winter continues his research in nematode-caused pine wilt disease. He has four graduate students in his laboratory and has been very active recently attempting to generate external support for his research program and for better data handling facilities for GC-MS and MS data.

Donations Received from Alumni

The response to the phonathon and our request for donations of money was outstanding and we are pleased to report that we received a total of \$5,288 in donations from the individuals in the list that follows. Since many of the donations were processed by the alumni office first, we may have missed some people's names. Please accept our apologies if that has occurred.

Donna Alway (Friedman), Judith Anderson, David Armbruster, Patricia Armbruster, Patricia Barton, Ali Bazzi, Pauline Bellavance, Phyllis

Bennett, John Reutner, Teresa Blase, Paul Blystone, Paul Bostick, Gussie Carpenter, John Chaber, Dennis Clapper, Arthur Clark, James Crowley, George Dennis, Jodie Duke, Lee Gorman, James Dye, James Es-singer, Elizabeth Francis, Brenda Fuerst, Elizabeth Galie, Gregory Genova, Lee Gori, James Grant, Carol Green, Timothy Guethler, Douglas Hagen, Steven Harrison, Richard Hauhart, Gregory Hayward, John Heimos, Donald Hesse, Andrew Hilliker, Mark Hingst, John Hird, Clyde Hudson, Helen Janoski, Vincent Jansen, Susan Jansen, Gary Joachims, Larry Justice, Leslie Kalman, Michael Katich, Mark Knollman, Michael Kontominas, Vernon Koziatek, Thomas Kuechler, Shelly Kumar, Robert Lamberg, Michael Lowhorn, Lawrence Lynn, Kerry Martin, Marie Mates, Michael Maxwell, Judy Mei, Tom Mertle, Harold Messler, Timothy Miller, Fredrick Mitchell, Michael Mohl, Sharon Moran, Susan Moritz, Rick Mrad, Steven Mumm, Joseph Muo, Theodore Nilges, Harry Orf, Scott Passer, Dennis Patterson, Lawrence Payette, Gregory Przygoda, Vincent Rapini Jr., Myron Rhodes, Dennis Roy, John Ruggeri, James Seper, Carroll Sharp, William Shiang, Deborah Sprinkle, Mark Stehlin, Gerard Sullivan, Deborah Tannenbaum, Charles Tatosian, John Taylor, Charles Thierheimer, Anthony Thomas, Dennis Timmerman, Dan Tucker, Robert Ruedlinger, Angelo Vangel Jr., Delores Vermont, Dale Vineyard, Dennis Wester, Michael Young

The following individuals in the last few years were very helpful in making sure that used laboratory equipment, chemicals or glassware were donated to the department and these people deserve our hearty thanks and recognition. If we missed you, please let us know so that we can include you in next year's list.

We hope that our Alumni will continue helping us procure equipment through their companies. Quite often equipment that is not being

used at a company will have a big impact on our teaching and/or research efforts when it is donated. If you know of some equipment that your company would be willing to donate, please contact Lawrence Barton or John Schreifels at 553-5311. We would appreciate any information you have and help you can provide.

Dave Haywood, Scientific Assoc.
Brian Barrett, Warner-Jenkinson
Steve Hollis, Engelhard Corp.
Thomas Deuber, Dupont Corp.
James Crowley, P.D. George
Roger Buchanan, Monsanto
Larry Kaempfe, Monsanto
Mike Finkes, Monsanto
John MacDonald, Ralston Purina
Tom Layloff, FDA
Robert Halvachs, Mallinckrodt
Suzanne Mates, McDonnell-Douglas
Jeff Stillwell, McDonnell-Douglas
Anthony J. Cutaia, Anheuser Busch
Brenda Fuerst, Monsanto
Harold Messler, St. Louis City
Robert L. Flowers, Police Dept.
Mark Owens, Envirodyne Eng.

Last year we used most of the money from the Alumni fund to provide one graduate student with a summer fellowship. We solicited proposals from the graduate students, reviewed them and awarded the fellowship to Toshio Maruo, a third year Ph.D. student working under the supervision of M.T. Jones, for his project entitled, "The Magnetic, Electrical and Structural Study of Conducting Organic Charge Transfer Complexes". We feel that this is a very good way to use donations from the Alumni and hope that we can continue encouraging excellence by supplying graduate and undergraduate students with financial support for the summer. The support received from the alumni is helping us to improve the quality of our program and hope that you can continue your help. If at this time you would like to make a donation, please make any check payable to the UMSL Chemistry Department Alumni Fund, and send it

to us with the attached form entitled "UMSL CHEMISTRY ALUMNI FUND".

Industrial Advisory Council

This group has recently been established to serve in an advisory capacity to the department especially in the area of industrial relations and the preparation of graduates for careers in industry. Several industrial chemists were invited to become charter members, typically two from each of the larger companies, one being a UM-St. Louis chemistry alumnus. The following have agreed to serve; others are expected to serve but are not listed below since they have not formally accepted our invitation.

Dr. G. Vermont, Mallinckrodt
Dr. D. Wester*, Mallinckrodt
Dr. J.E. Bujake, Seven-Up Co.
Mr. D. Vineyard*, Seven-Up Co.
Dr. A.J. Cutaia, Anheuser Busch
Mr. J.J. Grib*, Anheuser Busch
Dr. D.P. Ames, McDonnell Douglas
Mr. G. Przygoda*, McDonnell Douglas
Mr. N. Gilbert, MO Anal. Labs.
Mr. R. Larson*, MO Anal. Labs.
Dr. F. Mange, Petrolite Co.
Mr. C. Thierheimer*, Petrolite Co.
Dr. A. Wall*, Sigma Chemical Co.
Dr. T. Tolbert, Monsanto
Mr. M. Finkes*, Monsanto
Dr. R.E. Erickson, W.J. Flavors
Dr. R. Lusskin, Ralston-Purina
Ms. P. Bennett*, Ralston Purina
Mr. M. Owens*, Envirodyne Eng.
Dr. J. Damrath, Ethyl Co.
Mr. K.O. Henderson*, Ethyl Co.

*UM-St. Louis Alumnus

Coming Events

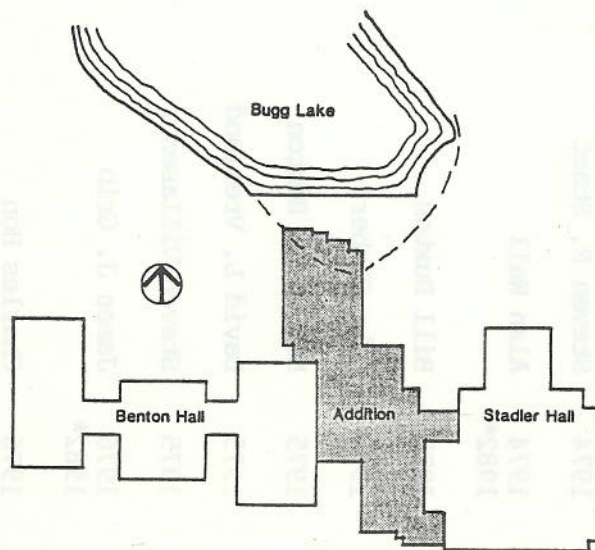
We plan to hold our annual graduate student-faculty reception on March 7, 1986 between 4:00 - 6:00. This is one of the few times that graduate students and faculty have to interact with each other on

a social basis and we consider this event an important one. Each year we hear comments from both students and faculty indicating that they enjoyed it.

On April 4, 1986 from 7:00 - 10:00 we will hold our second annual alumni reunion party and would like to extend an invitation to all of you. Last year's party was very successful and we hope to make this one even more so. Refreshments will be provided. If you and spouse (or companion) plan to attend please contact Randa Schneider (314)553-5311 between 8:00 and 5:00.

Science Complex

Architectural plans are being finalized for the \$19.2 million facility which will link Benton and Stadler Halls and will increase research and teaching space by about 50%, from 102,804 net ft² to about 160,000 net ft². The schematic below shows the "foot-print" as we knew it on March 1st. It represents a five-story structure with a new floor, the basement, below the level of the first floor of Benton Hall. New chemistry space, all in the northern addition represents 16,700 ft² of new construction for a total of about 40,000 net ft². Currently we have a total of 26,481 net ft² in Benton Hall.



Help Wanted ...

We have no recent information about the alumni listed below. We hope that some of you will be able to help us locate them. If you have any recent information please contact us at 553-5311.

Gary Henrich
Patricia Skewes
Steven Mestamecher
Steven Stanfield
Rich Kinast
Robert Cushing
William Keyes
Allan Tenshert
Meri Cummings
Dennis Delfert
Jacqueline Knapp
Thomas Weatherby
Dennis Fortune
Terry Ward
Saiyid Nagui
Mollie Freebairn
Clarice Rieser
Jacquelyn Givens

Joseph Kern
Randal Quint
John Koenig
John Nestor
Marty Eresh
Thomas Goodwin
Janet Dobbins
Thomas Lucas
Rodney Erickson
Mary Hitt
Gerald Woodard
Roger Littge
Samuel Gershman
Paul Rains
Dennis Mollman
John Smith
Elizabeth Keath
Barbara Mcgee

Year of B.A./B.S.	Name	Residence	Employer	Job Title
1968	Robert Nicolletti	St. Louis, MO	Invitron Corp	Research Biochemist
1969	Lawrence Payette	Portland, OR	Boeing	Environmental Administrator
1970	Leslie Kalman	Dallas, TX	Self Employed	Doctor of Osteopathy
1971	Dennis W. Wester	Florissant, MO	Mallinckrodt, Inc.	Research Manager
1973	David A. Armbruster	Midlothian, VA	USAF - attending Grad. School	Student Clinical Chemistry
1973	Patricia Armbruster (nee Mauller)	Midlothian, VA	Mary Kay Cosmetics	Beauty Consultant
1973	Gregory W. Przygoda	Jennings, MO	McDonnell Douglas Corp.	Engineer
1974	Dennis Clapper	Houston, TX	Milchem Inc.	Senior Res. Chemist
1974	Virginia Martin	Maryland Hgts, MO	St. Louis Univ. Med. School	Asst. Prof. of Obst.
1974	Steven R. Staat	Bellevue, WA	Scougal Rubber Corp.	Technical Director
1974 1982*	Alan Wall	St. Louis, MO	Sigma Chemical	Chemist
1975	Bill Buxton	Parkersburg, WV	E.I. DuPont de Nemours	Research Chemist
1975	John Chaber	Greenville, NC	Burroughs Wellcome	Research Chemist
1975	Daniel R. Henton	Midland, MI	Dow Chemical, Pharma Process	Project Leader
1975	David L. Vreeland	Manchester, MO	Self Employed	Endodontrist
1975	Steven Villasebor	St. Louis, MO	Mallinckrodt	Research Chemist
1976 1982*	James J. Grib	St. Louis, MO	Anheuser Busch	Manager, Quality Assurance
1976	Charles Hon	St. Louis, MO	Smith & David Manufacturing	Qual. Control Manager
1976	Vincent Rapini	St. Louis, MO	Self-employed	Dentist

Year of B.A./B.S.	Name	Residence	Employer	Job Title
1978	John J. Taylor	St. Peters, MO	Mallinckrodt	Senior Res. Chemist
1978	Thomas A. Hinrichs	Augusta, GA	Monsanto Co.	Maintenance & Manufacturing Supervisor
1978 1981*	Mark J. Pozzo	Chesterfield, MO	Monsanto Co.	Senior Res. Chemist
1979*	Phyllis R. Bennett	DesPeres, MO	Ralston Purina Co.	Research Chemist
1980	James Crowley	St. Louis, MO	P.D. George Co.	Chemist
1980**	Larry Revelle	St. Louis, MO	Pathfinder Labs	Chemist
1980	Sam Smith	St. Louis, MO	Sigma Chemical Co.	Qual. Control Chemist
1980	James S. Su	Raleigh, NC	Rollins Animal Disease Diagnostic Laboratory	Chemist
1980 1984*	Charles Thierheimer	St. Louis, MO	Petrolite	Research Chemist
1981	Susan Hartenbach	St. Louis, MO	Carboline	Maintenance Coatings Engineer
1981 1985**	Susan Jansen	Ithaca, NY	Cornell University	Postdoc. Res. Associate
1981	Roger A. Morgan	Ballwin, MO	Sigma Chemical Co.	Chemist
1981	Dennis Parazak	St. Louis, MO	Petrolite Corp.	Research Chemist
1981	Marie A. Seper (nee Militelio)	St. Louis, MO	Schaeffer Manufacturing Co.	Chief Chemist
1981	Cynthia Woodall	St. Louis, MO	McDonnell Douglas	Engineer
1982**	Shelly Kumar	Torrance, CA	Long Beach State Univ.	Asst. Professor
1982	Scott Passer	St. Louis, MO	Sigma Chemical Co.	Chemist

Year of B.A./B.S.	Name	Residence	Employer	Job Title
1982	Jerry Orlando	St. Louis, MO	St. Louis County Crime Lab.	Forensic Scientist
1982*	Mark H. Owens	Maryland Hgts, MO	Envirodyne Engineers	Chemist
1982	Michael Rocchio	St. Louis, MO	Petrolite	Associate Chemist
1982	Chandrasiri Somawardhana	San Antonio, TX	S.W. Foundation for Biomedical Research	Research Biochemist
1983	Gerry Sullivan	St. Louis, MO	Sigma Chemical	Research Chemist
1983	David A. Miller	Chesterfield, MO	attending Med. School, UMC	Medical Student
1983	Joseph O. Muo	St. Louis, MO	St. Mary's Hospital	Medical Technologist
1983	Yuan Di (Judy) Shih	Columbia, MO	UM-Columbia	Graduate Student
1984	Dale E. Lanser	St. Louis, MO	Scientific Associates	Chemist
1984**	Shankar Ranavavare	Ithaca, NY	Cornell University	Postdoc. Res. Associate
1984	David Regan	Kansas City, MO	Ciba-Geigy	Chemist
1984	Kathy Riggio	St. Louis, MO	K.V. Pharmaceutical	Chemist
1984	Judith Taylor	St. Louis, MO	Mallinckrodt	Chemist
1984	Michael Thornton	St. Louis, MO	Washington University	Medical Student
1984**	William VanArsdale	Clearlake, TX	Univ. of Houston-Clearlake	Asst. Professor
1985	George Mayes	Bloomington, IN	Indiana Univ.	Biochemistry Grad. Student

*year received M.S.

**year received Ph.D.

Information Update for UMSL Chemistry Alumni

Please help us by providing the requested information below. It is important for us to keep track of and in touch with you. Information you supply can be passed on to your classmates via the "UMSL Chemist". Anything you wish to provide for us will be very welcome. If you have any information on other alumni who have moved and about whom you think our data may be incomplete, please let us know.

Name _____ UMSL Degree _____ Year _____

Home Address _____

Marital Status _____ Number of Children _____

Current Professional Position and Activities _____

Other _____

Alumni Association Questionnaire

It has been suggested that we establish a chemistry sub-group of the UM-St. Louis Alumni Association. Perhaps this would allow us to serve you better and would allow you to participate more directly in alumni affairs. Please complete the following questionnaire and return it to us.

1. Should we establish a chemistry subgroup of the Alumni Association?
2. Would you be willing to help organize it?
3. What functions (business and social) should this association organize?
4. Should there be dues? If so, how much and should the dues money be kept in a separate account from the alumni donations?
5. Other comments:

UMSL Chemistry Alumni Fund

Enclosed please find my gift of \$ _____

_____ Yes, I work for a matching gift corporation : _____

Please make your check payable to "UMSL Chemistry Department Alumni Fund" and return it with this form to:

Dr. John A. Schreifels
Chemistry Department
University of Missouri-St. Louis
8001 Natural Bridge Road
St. Louis, Missouri 63121