



UMSL CHEMIST

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Vol. 3

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Chairman's Message

This is the Newsletter we promised in our letter to alumni last spring. We plan to make it an annual publication. Some of you may remember similar issues of the UMSL Chemist in the late 1970's which Bob Penn and Ken Barnett put together. This one has been put together by the new Alumni Coordinator for the Department John Schreifels. In these remarks, I may repeat some of the information presented in the letter we sent last spring. There were some people who didn't receive the letter so if you have heard some of this before, please bear with me.

This last year was marred by the deaths of two people known very well to most of you. On May 30th 1984 Alan Berndt died after a valiant struggle with cancer of the liver and pancreas. The problem was discovered in January and although he suffered very much, he was cheerful and showed consideration to others to the end. He is survived by his wife Marion and children Sarah, Joseph and Harold. We are going to rename the senior undergraduate award in his memory as the Alan F. Berndt Award. In fact we are establishing a list of previous outstanding seniors and their names will be inscribed on a plaque which will hang in the department office. A list of the names which will appear in the plaque is given later in this Newsletter. Al joined the faculty

in 1965. He was promoted to professor in 1971 and served as assistant dean of the graduate school from 1975-78. He was an X-ray crystallographer and also did significant research in dental fluoride chemistry, he published a book in this field, and had about 50 publications in the literature.

On Friday December 7th 1984 Jack Coombs died. Jack was 80 years old and had suffered several heart attacks during the last two years. Jack was well known to those who passed through the UMSL program between 1965 and 1977. Of course he was the storeroom manager during that period and was a father figure to many students and faculty. Jack joined UMSL in 1965 when the storeroom and the laboratory was in the old country club house. He saw two moves of his facility one to the west wing of the third floor Benton Hall in 1966 and the other in 1969 to the second floor. Jack will be remembered for his sense of humor, for the advice he gave those who sought it, for his pride in his family and his love of music and golf. Jack is survived by his wife Fran, son Jack and daughter Carolee.

The department has seen some changes since the last Newsletter was published. In 1979 Ken Barnett left to take an appointment at Ashland Chemical Company in Columbus Ohio. Ken was replaced in 1981 by Gordon Anderson. Gordon is also a transition metal organometallic

chemist. He is from Edinburgh Scotland, did his Ph.D. at Glasgow University and postdoctoral research at Guelph in Ontario, Canada. John Schreifels came also in 1981 as replacement for Bob Penn who left to take a position at Dupont in Wilmington. John is a surface scientist who came to UMSL via his Ph.D. at South Florida and postdoctoral work at the University of Texas-Austin. In 1981 Eric Block accepted an offer from the State University of New York-Albany and he was replaced in 1982 by Mike Sworin. Mike is a synthetic organic chemist who did his doctoral work at Brown and postdoctoral research at California-Irvine. We recently received approval to hire a physical chemist to replace Al Berndt so we are in for further changes.

Yours truly became chairman of the department in 1980 replacing Bob Murray who had taken over from Charlie Armbruster in 1975. Bob was appointed Curators' Distinguished Professor of Chemistry in 1981 and he continues to provide leadership to the campus and the university by his research accomplishments. Tom Jones continues as Associate Dean of the College of Arts and Sciences. Jim Riehl was awarded tenure and promoted to Associate Professor in 1983.

The degree programs in chemistry continue to prosper. Since 1969 UMSL has consistently awarded more ACS accredited BS degrees in chemistry per year than any other institution in Missouri. Bachelor's degree average 25 per year, masters degrees about five and doctoral degrees three. Since 1967, we have awarded a total of 470 BA and BS degrees, since 1977 we have awarded 19 Ph.D. degrees and since 1976 42 MS degrees.

A very large percentage of UMSL chemistry graduates work in the St. Louis area and that has helped us in our efforts to improve

community support for our programs. A recent unusual action by the Missouri Coordinating Board for Higher Education created quite a furor. A report to a committee of the CBHE by the Commissioner Shaila Aery recommended that UMSL merge with Harris Stowe College, become a state institution separate from the University of Missouri, and conduct future professional and graduate programs through contractual arrangements with the "two excellent private institutions in St. Louis". It was this latter feature that troubled us the most. We strongly opposed this recommendation and received excellent support in this opposition from alumni, leaders of the chemical and related industries, the business community, the media and the other educational institutions in St. Louis. Dr. Aery has dropped the idea of the merger and separation from the University of Missouri system but it is not clear where she stands in the third and most important point. We are very pleased with this remarkable support for the institution which the CBHE report elicited. We hope that it leads to expansion of graduate and professional programs. It is in this area where our alumni and friends can give us political support, both by encouraging legislators to support UMSL and by persuading influential colleagues to use their influence to gain support for the institution.

We are guardedly optimistic about the prospects for the new Science Complex. Plans have been completed including architects drawings for the 220,000 ft² facility which will bridge and expand Stadler and Benton Halls and will house the departments of chemistry, physics, biology and psychology along with a science library and the University of Missouri-Rolla Graduate Engineering Center. The chemistry department will occupy 43500 ft² of space. Almost all the new space will be

research laboratories and facilities and the old space in Benton Hall will be remodeled to provide expanded undergraduate teaching laboratories. Many of you recall the \$600 million bond issue which was passed in 1982 by the legislature. All that is left for the Complex to become a reality is for the legislature to issue more bonds and to assign the \$23.5 million for construction. That is the difficult step, however we have the support of the St. Louis Regional Commerce and Growth Association, the Coordinating Board for Higher Education and most of the St. Louis area legislators.

We hope you keep in touch with us and let us know how your careers are progressing. Alumni who are looking for alternative employment should also keep in touch with us. I wish you all well, I thank those of you who made contributions to the Alumni Fund and hope you will visit us more often. Finally we look forward to seeing many of you at the reunion we are planning for spring 1985.

Sincerely,



Lawrence Barton
Associate Professor of
Chemistry and Chairman

Alumni Information

We thank all of you who responded to last year's questionnaire and we apologize to those who did not receive it. In the future we would like to provide on an annual basis, information about you and your colleagues. Thus we hope you will complete the attached form, especially if your name is not on the table at the end of this newsletter. If you have information about other graduates, we would appreciate your passing it on to us. The table is a summary of the

information we received in response to the questionnaire. In future issues we will print more detailed information, however we have some catching up to do.

If one scans this table and the vignettes following, it is clear that UMSL chemistry graduates are known throughout the world. Of course our graduates are known best in the St. Louis chemical industry. A large percentage of our graduates are employed in the local St. Louis chemical and related industries. Some approximate numbers of graduates employed in these industries include Monsanto 45, Mallinckrodt 28, Petrolite 19, Anheuser Busch 8, Ralston Purina 12, McDonnell Douglas 10, Ethyl Corporation 5, Carboline 6, Sigma chemical 12, and many others work in smaller companies.

The following paragraphs would have appeared in the UMSL Magazine, had the company which published it not gone bankrupt. We hope to include many more of these features in future issues. That will depend on how much information you send us.

Harold L. Messler, B.S. 1970, is the Chief Criminalist and Head Chemist in the St. Louis Police Department Crime Laboratory. Harold was recently elected Regional Vice-President of the Midwestern Association of Forensic Scientists. This organization covers 28 states. Last year Harold presented two papers at the International Symposium on Forensic Science. Harold and his wife Carol have four children.

Andrew L. Raterman, B.S. Chemistry 1976 was awarded a Ph.D. in Chemistry at Indiana University in August, 1983. In his third year of graduate study, Raterman received the Nebergall Award as the Outstanding Third Year Graduate Student. He also received an M.S.

degree in Chemistry from Murray State University and is now a post-doctoral Fellow at Penn State after spending a year at the University of Bristol also as a postdoc.

Steven J. Harrison, B.S. 1977, is a Power Industry Specialist at the Carboline Company in St. Louis. Steve is in charge of all conventional and nuclear power projects in the coatings industry for his company. After a year studying biochemistry at St. Louis University Medical School, Steve joined Carboline in 1978 as a technical service engineer. He has had several promotions since then and has been Engineering Manager and was transferred to the Marketing Division for a while prior to his current appointment. Steve's wife Sharon also works at the Carboline Co.

Victor Granat (BS 1976) worked for Harold Messler in the City of St. Louis Crime Laboratory prior to taking up his present position as Supervisor of the Crime Laboratory of the St. Louis County Police Department. Vic is the third UMSL chemistry graduate to hold that position. Bob Roither (BS 1969) held the position for several years prior to moving on to the Anheuser Busch Company. Joe Bono (BS 1969) held the position for a couple of years prior to taking a similar position with NATO in Naples, Italy and thence to his present position as Laboratory supervisor with the US Naval Investigative service in Honolulu, Hawaii.

Charles C. Hon, (BS 1976) is Quality Control Manager for the Smith and Davis Manufacturing Company.

Fred Schrick (BS 1974) is employed by the Chevron Chemical Company in St. Louis. Fred started in the chemical laboratory but is now supervisor in charge of production and packaging.

James J. Su (Ph.D. 1980) has moved from coast to coast since graduation. After post-docs at Missouri-Institute of Psychiatry and North Carolina State University, he worked in industry in California and North Carolina, he recently took a position as senior research associate with the Nova Pharmaceutical Company in Baltimore.

The Alan F. Berndt Outstanding Senior Award

This annual award, in honor of the late Professor Alan Berndt, is being established this year. In the early 1970's we began honoring the outstanding senior undergraduate with the American Institute of Chemists Medal. Professor Berndt, a long time member of the AIC, administered this award in the department. What we have done is to identify previous AIC medal awardees and also the outstanding members of the senior classes prior to the time we awarded the AIC medal. The list was generated by Drs. Armbruster and Barton. It wasn't easy and there are many others whose names perhaps should appear. The names which appear below will be inscribed on a perpetual plaque which will hang in the departmental office. Each spring the award presentation will be made along with the Outstanding Junior Award, the Analytical Chemistry Award and the Outstanding Freshman Award. Following is a list of the names which will appear on the plaque.

David Henton BS 1967
Dennis Patterson BS 1968
Douglas G. Nuelle BS 1969
John R. Kolb BS 1970
Harry W. Orf BS 1971
Larry Legler BS 1972
Thomas C. Kuechler BS 1973
John J. O'Connor BA 1974
Robert W. Dugger BS 1975
Paul Sherwin BA 1976
Phillip V. Asaro BS 1977
Michael D. Ennis BS 1978

Joan Kunz BS 1979
Debora F. Bergstrom BS 1980
Tom E. Reinsel BS 1981
Jerry K. Ronecker BS 1982
Dawn L. Johnson BA 1983
Donald G. Hesse BS 1984

We thought it might be interesting to see what happened to these former students after graduation. Below are some very brief comments on this subject. They all contain incomplete information however they serve to emphasize the successes that our graduates have enjoyed. Of course senior awardees are selected at the time when they are in the process of applying for jobs, or to graduate and professional school.

Where are they now?

Dave Henton (1967) received MS, PhD degrees from the University of Kansas and is now a research chemist at Dow Chemical in Midland Michigan.

Dennis Patterson (1968) received a PhD degree from the University of Chicago and is now a research chemist at Hoffman La Roche in New Jersey.

Douglas G. Nuelle (1969) was awarded a MD degree from Washington University and is now in private practice in Port Charlott, Florida.

John R. Kolb (1970) received a PhD degree from Northwestern University and is now a research chemist at the Lawrence Radiation Laboratory in Livermore, California.

Harry W. Orf (1971) received a PhD degree from Harvard University and is now Director of the Biochemistry Department at Harvard.

Larry L. Legler (1972) received an MD degree from Baylor Medical School and now practices in Peoria Illinois.

Thomas C. Kuechler (1973) received a PhD degree from Illinois-Urbana and is now a research chemist with the Monsanto Company.

John J. O'Connor (1974) received an MD degree from Washington University and is now in private practice in Hillsboro, Missouri.

Robert W. Dugger (1975) received a PhD degree from the University of California-Berkeley and is now Assistant Professor of Chemistry at the University of Miami in Oxford Ohio.

Paul Sherwin (1976) received a PhD in chemistry from Illinois-Urbana.

Philip Asaro, (1977) received an MD from St. Louis University and is now practicing in the Souldard area in St. Louis.

Michael D. Ennis (1978) received a PhD degree from Caltech and now is a research chemist for the Upjohn Company in Kalamazoo Michigan.

Joan Kunz (1979) is currently completing a PhD degree at the University of Wisconsin-Madison.

Deborah F. Bergstrom (1980) is pursuing a PhD degree in chemistry at the University of Michigan.

Tom E. Reinsel (1981) is a medical student at Washington University.

Jerry K. Ronecker (1982) is employed by Monsanto in St. Louis and is doing part-time graduate work in biology at UMSL.

Dawn L. Johnson (Shiang) (1983) is in the PhD program at UMSL.

Donald G. Hesse (1984) works at Chemir in St. Louis and intends to go to graduate school in Fall 1985.

Graduates 1983-84

August 1983

Thomas Rice BA

January 1984

John G. Heimos BA

William R. Shiang BA

Yuan Di Shih BA

Ray Lorton BA

Mary J. Mierkowski BS

Donald G. Hesse BS

Myron O. Rhodes BS

Mark Riva MS

Steven Mumm MS

Charles Thierheimer MS

William VanArsdale PhD

Shankar Rananavare PhD

Francine Longcor PhD

May 1984

Deborah D. Wilson BA

Barbara Willis BA

Robin Inman BA

Janet Zander BA

Daniel Hightower BA

Dale Lanser BA

Michael Thornton BA

Suzanne M. Mates BS

Kathleen Riggio BS

Brenda Fuerst BS

William Brundick BS

Michael Walkonis BS

Michael Kontominas BS

Steven Sprinkle MS

James Timper MS

William McCarthy PhD

The Faculty

Gordon K. Anderson's research program in its fourth year at UMSL, is now well established with three graduate students and one postdoc in addition to several undergraduates. Dr. Anderson has received several research grants recently including a NATO travel grant which will allow him to continue his collaboration with Dr. R.J. Cross of the University of Glasgow.

Charles W. Armbruster remembered by most as one of the most popular and successful teachers at UMSL, continues to earn praise for his teaching. A recent report which appeared in the "West End Word" summarized Charlie's career and described him as a Renaissance Man.

Lawrence Barton is completing his fifth year as chairman. One of his major activities has been to improve the department's image and interaction with the local community especially with the research establishment of the technological industry. A recent success was the overwhelming support the department received in the wake of the CBHE report.

James S. Chickos continues his research in physical organic chemistry. He recently received an NSF research grant to support his research and he intends to spend next year at the University of Reading in the laboratory of Professor H.M. Frey, a renowned physical chemist and kineticist.

Eugene R. Corey who was promoted to Professor in 1981 supervises the UMSL/Washington University Xray Diffraction Facility. Dr. Corey spent a sabbatical leave in France in 1983 at Montpellier and last summer attended the International Organosilicon Symposium in Tokyo.

Joyce Y. Corey just returned to UMSL after a year which was spent half at the University of Wisconsin and half at the University of Utah. This leave was made possible by an NSF Visiting Fellowship for Women. Dr. Corey was recently appointed to the editorial advisory board of the ACS Journal Organometallics.

David L. Garin, after spending a couple of years in Washington D.C., one year at the Environmental Protection Agency and one as American Chemical Society Congressional Science Fellow, has been

back in the department for three years. His recent research efforts have been directed towards science and public policy. He recently put together the "Missouri Science File" for the local ACS Section and cofounded the National Coalition for Science and Technology.

John L. Gutweiler, the department's ever-popular pinch-hitter, has probably taught every graduate since 1972. John continues to teach quant. and generally fills in when faculty are on leave.

Harold H. Harris recently was one of thirty US chemists selected by the National Science Foundation to receive travel grants to the Seventh International Conference on Chemical Education in Montpellier, France. Dr. Harris presented two papers at the conference. His recent research has been in collaboration with Dr. Riehl on experimental and theoretical studies in polarization spectroscopy.

M. Thomas Jones is currently on sabbatical leave from his half-time appointment as Associate Dean of the College of Arts and Sciences. He is devoting full-time to his research. This has proved to be a productive time for Dr. Jones and his students. He has recently published several research papers and written grant proposals.

David W. Larsen's research is in NMR studies of liquid crystals and lyotropic mesophases. Some of the work is done in collaboration with Professor Stig Friberg at Rolla. In addition to this highly productive research, Dr. Larsen is also conducting collaborative ^{31}P NMR studies of diffusion on membrane surfaces in diseased kidneys, ^2H NMR studies of membranes and some automated data analysis procedures. The former is in collaboration with local hospitals and the latter with the Anheuser Busch Company.

Jane A. Miller recently wrote articles on the history of

chemistry in St. Louis to commemorate the 75th Anniversary of the St. Louis Section of the ACS and the 1984 National ACS meeting in St. Louis. Dr. Miller recently produced an audio tape for the ACS on the history of women in science.

Robert W. Murray, the only faculty member in the St. Louis campus to hold the title, Curator's Professor of Chemistry, continues his very successful research in organic oxidation chemistry. This year Dr. Murray is the campus nominee for the Weldon Spring Presidential Research Award.

James P. Riehl returned this academic year from sabbatical leave at King's College London in the laboratory of Steven F. Mason. He took over the reins of the Director of Graduate studies on his return.

John A. Schreifels continues to build his surface science laboratory in the old classroom 411 Benton. Dr. Schreifels has met with great success in raising funds for his research from granting agencies and the chemical industry and he has also been successful in developing collaborative research with local industrial chemists.

Michael Sworin, the newest member of the faculty, continues to build his research program. Mike now has three graduate students and several undergraduates working with him. They all follow their advisor's lead in "burning the midnight oil" in the laboratory.

Rudolph E.K. Winter has been engaged in a research study in collaboration with an UMSL biologist (R.I. Bolla) on the origins of nematode-caused Pine-wilt disease. This research has been supported by funds from the USDA. Dr. Winter undertook a recent adventure into organometallic chemistry in collaboration with a graduate student Bill VanArsdale.

Visiting International Scholar Series

For the third consecutive year the Department of Chemistry will participate in the Chancellor's Visiting International Scholar Program. This year Dr. Harry P.J.M. Dekkers of the University of Leiden, The Netherlands will be visiting the department between the 10th and 22nd of March. Dr. Riehl, who visited with Dr. Dekkers during a portion of his sabbatical leave last academic year, will be Dr. Dekkers host while he is in St. Louis. Dr. Dekker's research interest are in the use of Circular Dichroism and Circularly Polarized Luminescence Spectroscopy as structural probes for organic molecules. He will present a department seminar on Monday afternoon March 18.

In 1984 Dr. Karl Griesbaum, director of the Engler-Bunte Institute of Petroleum Chemistry was the Visiting International Scholar. Dr. Griesbaum is an organic chemist and his research interests include ozone and organic oxidation chemistry. In 1983 Dr. Steve Mason, whose research interests are in the area of spectroscopic studies of optically active compounds visited the department as part of the same program. In 1982 the visiting scholar was Professor Hachior Oku from Okama University in Japan. Dr. Oku is a plant pathologist and his visit was sponsored jointly by the departments of chemistry and biology. Professor Nino Fava was the Mid America State Universities Association Visiting International Scholar in 1981. Professor Fava is an organosulfur chemist and is head of an institute associated with the University of Bologna, Italy.

Interaction with Industry

Most recently the Monsanto Company initiated a program to provide support for a post-doctoral

research associate in the department. To this end Monsanto provided \$24,000 per year. After an intradepartmental competition, Dr. Anderson was awarded the appointment for his research program. This award represents recognition of the contribution the chemistry department makes both in the provision of first rate graduates for employment in the chemical industry and also in its research accomplishments and the training of graduate and postdoctorals. As our alumni begin to populate the more senior positions in industry, you become more able to help us both individually and through your company. The department is doing much to improve itself and we welcome any help we can get from our alumni and friends.

Local companies employ about two hundred UMSL trained chemists. Industry has been very helpful to us over the last several years. During that time we have received gifts of equipment or money from Anheuser-Busch, Ralston Purina, Monsanto, McDonnell Douglas, Scientific Associates, Photometrics, Lorvic, and Engelhard Industries. These were made possible largely through our alumni's efforts. We greatly appreciate these donations and hope that we can continue to interact even more extensively in the future.

Donations Received from Alumni

At the end of the letter and questionnaire sent to most of you last year, we requested financial assistance. We are very happy to report that we received a total of \$1565 from:

Lloyd Hill	Mark Leiber
Theodore Nilges	Dennis Wester
Charles Pauley	Francine Longcor
Gregory Przygoda	Larry Revelle
Daniel Stueck	Charles Tatosian
Shelly Kumar	John Taylor

Dorothy Greco Marshall Karibian
Douglas Nuelle Dee Lange

As the donors have requested, part of this money will be used to support student research for the summer of 1985. This is a very welcome help towards support of student research. We sincerely thank all of you for your generosity.

Again we would like to solicit your financial support. Many corporations provide match funds for contributions to colleges and universities. We hope you are aware of any such programs available through your employer. Such funds, usually unrestricted are used for fellowships, instrument purchases, funding awards and special programs, and generally to augment our operating budget. As the chemistry program has developed and grown, operating budgets have not kept pace with inflation, especially that for chemicals and equipment which averages about 20% per annum. The UMSL campus has never had budgets adequate to support its programs and this particularly applies to the graduate programs. Our undergraduate program has remained about the same size since 1970 but the graduate programs are growing. For example in 1981 we had 32 and 16 in the MS and PhD programs whereas in 1984 there were 39 and 23 respectively. Your financial assistance can improve the health of this department. Please make any check to UMSL Chemistry Department Alumni Fund and fill out the attached form entitled "UMSL CHEMISTRY ALUMNI FUND".

The annual telephone solicitation of alumni by the Development Office is being done by the department this year. This is a campus wide activity initiated by the administration. Universities clearly cannot exist these days without

help from the alumni and friends and we are no exception.

Thus you will be hearing from us by telephone in the near future. We hope you don't mind this intrusion. We hope you can see fit to make an annual contribution to your Alma Mater.

Coming Events

We try constantly to maintain close contact with our undergraduate and graduate students. Besides the many social events that individual faculty members provide, we have our annual graduate student-faculty reception that will be on February 22 this year. At the end of April or beginning of May we have our annual chemistry department picnic. At this picnic we usually have a softball game in which the undergraduates play against the graduate students and faculty. The faculty-graduate student team usually has a hard time beating the undergraduates. Any Alumni interested in helping us are cordially invited. For more details contact either Lawrence Barton or John Schreifels.

We have not done a good job when it comes to social events with our Alumni, we would like to remedy this by establishing an annual alumni reunion. Therefore we extend to all of you an invitation to join us for a reunion party to be held on April 12 at 7:00 o'clock. Refreshments will be provided. If you and spouse (or companion) plan to attend please contact John Schreifels at 553-5355.

Year of B.A./B.S.	Name	Residence	Employer	Job Title	Post Graduate Education	Marital Status (children)
1967	Thomas E. Dueber	Wilmington, DE	E.I. Dupont de Nemours	Sr. Res. Chemist	MS, UMC 1969 PhD, U. of Utah 1974	M (4)
1967	David E. Henton	Midland, Mich.	Dow Chemical	Research Assoc.	PhD, U. of Kansas	M (2)
1967	Lloyd P. Hill	St. Louis, MO	Mallinckrodt	Group Leader Research and Dev.	PhD, Iowa State U. 1972	M (2)
1967	Donald Kaesser	Ankeny, Iowa	DesMoines Community College	Instructor	MS Psy., CMSU 1972	M (1)
1968	Vernon Koziatek	Martinez, GA	Vet. Lab. SVC Eisenhower Med. Center	Chemist	MBA, August College 1976	
1968	Robert A. Nicoletti	St. Louis, MO	Mallinckrodt	Research Manager	PhD Pharm, Wash. U. 1976 School of Med.	M (3)
1968	Raymond E. Novak	Bartlett, IL	NW Univ. Med. School	Assoc. Prof. of Pharm- acology and Anesthesia	PhD, Case Western Reserve U. 1973	M (4)
1968	Wiley Moore	Honolulu, HI	Continental Airlines	(Captain) Pilot Inst.	In Bus. School	
1969	Mario J. Deprimo	St. Louis, MO	Metro. St. L. Sewer	Chemist II Instrumentation	In MS program	M (1)
1969	Lee Gori	St. Louis, MO	Emerson Electric	Engineering Specialist	In Chem. Eng. Program, Wash. U.	M (2)
1969	Gary Jacob	Creve Coeur, MO	Monsanto	Research Specialist	PhD, U. of Wis.-Mad.	M (2)
1969	Francine Story Longcor	St. Louis, MO	UMSL	Adj. Asst. Prof.	PhD, UMSL	M (1)
1969	Timothy Miller	Worden, ILL	Ralston Purina Co.	Sr. Manager Lab. Prod.		M (2)
1969	Douglas Nuelle	Port Charlotte, FL	Wingo and Nuelle Ortho- pedic Clinic P.A.	MD	MD, Wash. U. 1973	M (1)
1969	Larry Payett	Gresham, OR	USEPA	Watersupply specialist Environmentalist	In MS program	M (2)
1970	Gene T. Bohn	Jackson, MI	Consumers Power	Engineering Control Supervisor	MS, Iowa State U.	M (3)
1970	John L. Chroma	Defiance, MO	Monsanto	Industry Technology Specialist		M (2)
1970	John R. Kolb	Livermore, CA	Lawrence Livermore National Laboratory	Composites and Polymers	MS and PhD, NW U. Postdoc, Texas A and M U.	
1970	John Schuster	Glendale, MO	Cerro Copper Products	Lab. Director		
1971	Ralph Bryan	House Springs, MO	Ralston Purina	Chemist, Analytical		
1971	Dorothy C. Greco	St. Louis, MO	Self Employed	Medical Doctor	MD, UMC Med. School	M (3)
1971	Elmer Kemery	Ferguson, MO	Mallinckrodt	QC Supervisor		
1971	Charles R. Pauley	Lake Jackson, TX	Dow Chemical Lab.	Sr. Technican Sales Specialist	MS, N. Texas State U.	M (1)
1971	Michael Young	Clifton Park, NY	BASF Wyandotte Corp.	Plant Manager	PhD, MIT 1975	M (2)
1971	Dennis W. Wester	Florissant, MO	Mallinckrodt	Research Chemist	PhD, U. of Florida 1975	
1972	Kenneth O. Henderson	Florissant, MO	Edwin Cooper Air/ Ethyl Co.	Research Chemist		
1972	Sue Metz	St. Louis, MO	Monsanto	Sr. Research Chemist	MS, UMSL 1976	M (2)
1973	Gregory W. Przygoda	Jennings, MO	McDonnell Douglas Corp.	Engineer		
1973	Earlene Voss	Florissant, MO	Hazelwood Jr. High	Teaching Chemistry	MA, NMSU	
1973	Michael Finkes	Chesterfield, MO	Monsanto	Sr. Research Chemist	MS, UMSL 1978	M
1974	Jeffrey Evans	St. Louis, MO	Central Contracting Inc.	President/Owner		
1974	Stephen P. Gaydos	St. Louis, MO	McDonnell Douglas Corp.	Senior Engineer	G.E.C., UMR	
1974	Donald Gary Scharlott	Columbia, MO	UMC-Hospital and Clinic	Super. Pharmacist	UMKC, Pharm.	M (2)

Year of B.A./B.S.	Name	Residence	Employer	Job Title	Post Graduate Education	Marital Status (children)
1974	Daniel P. Stueck	Rock Hill, MO	Vestal Labs	Manager Quality Control		
1975	Ralph Bryan	House Springs, MO	Ralston Purina	Chemist		
1975	Robert Ewersmann Jr.	O'Fallon, MO	Bob and Pauls Nursery	Owner		M (1)
1975	Bill McCarthy	St. Louis, MO			PhD, UMSL 1984	
1975	Stephen Sprinkle	Jennings, MO	St. Mary's High School	Teacher-Chemistry	MS, UMSL 1984	
1977	Theodore C. Nilges	St. Louis, MO	Siegel Robert Plating Co.	Waste and Process Control Chemist		M (1)
1977 ¹	Pauline Bellavance	Ballwin, MO	Fontbonne College	Assoc. Professor		
1978	Brian M. Gross	Indianapolis, IN	Methodist Hospital	Rsdnt. Internal Med.	MD, UMC	
1978	Gary Henley	Kansas City, MO		Dental Student	DDS, UMKC 1985	
1978	Mark D. Hingst	Peoria, IL	Methodist Med. Center	Resident in Family Practice	MD, SLU 1984 School of Medicine	M
1978	Mark Hildebrandt	St. Louis, MO	Ethyl Petroleum	Technical Rep.		M (3)
1978	F.A. Mena	St. Louis, MO	McDonnell Douglas Auto.	Senior Programmer Analyst	MBA	
1978	Richard Rath	Shrewsbury, MO		Entered Kenrick Seminary Pre-Theology student		
1978	John J. Taylor	St. Peters, MO	Mallinckrodt Inc.	Sr. Research Chemist		
1979	Henry J. Buehler	St. Louis, MO	Mallinckrodt Inc.	Research Chemist	MS, SLU	M
1979	John L. Nappier	Parchment, MI	The Upjohn Company	Scientist I	PhD, W. Mich.	M
1979 ¹	Larry Revelle	Rochester, MN	Mayo Clinic	Research Chemist Inst. of Biochem.	PhD, UMSL Postdoc, Okla. State Postdoc, NC State	
1980	Charles Tatosian	St. Louis, MO		Dental Student	In DDS program, UMKC	
1981	Charles M. Calvert	St. Louis, MO	Monsanto	Sr. Research Chemist	MS Bus., Lindenwood 1984	
1981	Susan Jansen	St. Louis, MO		Graduate Student	In PhD program, UMSL	
1982	Jean Flake	Florissant, MO	Smith Kline Clinical	Medical Technologist	Clinical class at SLU	
1982	Stephen S. Lawrence	Creve Coeur, MO		Graduate Student	In PhD program, UMSL	
1982	Gregg Lumetta	St. Louis, MO		Graduate Student	In PhD program, UMSL	
1982 ²	Susan Moritz	St. Louis, MO	Monsanto	Sr. Research Chemist	MS, UMSL	
1982	Mark P. Stehlin	St. Louis, MO	Petrolite Corp.	Develpmt/Applic. Chemist Special Prod. Grp.	In Bus. School, Webster	M
1983	Dawn (Johnson) Shiang	Ferguson, MO		Graduate Student	In PhD program, UMSL	M
1984	William Shiang	Ferguson, MO		Graduate Student	In PhD program, UMSL	M

¹ Year of PhD degree
² Year of MS degree

Information Update for UMSL Chemistry Alumni

Alumni who would like to provide us with updated information about themselves or other alumni for inclusion in our next newsletter are asked to fill out and return the form below. Any other information besides that requested is also heartily welcomed.

Name _____ UMSL Degree _____ Year _____

Current Mailing Address _____

Current Professional Position and Activity _____

Other _____

UMSL Chemistry Alumni Fund

Enclosed please find my gift of \$ _____

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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
St. Louis, Missouri 63121