



California State University, Long Beach

CHEMISTRY DEPARTMENT NEWSLETTER

June, 1979 No. 4

THE CHAIRMAN'S MESSAGE

In some ways the past year has been a difficult one for the University and our Department. We are beginning to experience predicted enrollment declines due mainly to demographics. There are simply fewer college-age students because of declining birthrates, and this trend is expected to continue several years into the future. This fact, coupled with shifting enrollment patterns within the University, resulted in a decline in enrollments in Chemistry of about 9.4% as compared to 1977-78. However, the declines are in the service courses. The numbers of chemistry majors are greater than ever before — over 300 including the graduate program.

Because funding is tied to enrollments and because of the fiscal effects of Proposition 13, we have had to exercise great resourcefulness in the management of our Department. Fortunately, our program has emerged in good shape, and I am pleased to report that the quality of instruction remains high (our Department maintains the toughest grading standards on campus!), our students are experiencing excellent success in finding jobs or in gaining admission to the best PhD programs and professional schools—medical, dental, pharmacy. To the best of my knowledge all graduates electing careers in chemistry are employed in jobs related to chemistry.

During the course of this year our Department organized a Chemistry Advisory Council to assist in meeting the needs of the Community. Members of the Council and their affiliation are: Dr. Joseph R. Brown, Jr., Park Investment Co.; Mr. Arnie Grant, TRW; Dr. Allen McCloskey, U.S. Borax Research Corp.; Dr. Norman Byrd, McDonnell-Douglas Co.; Dr. Melvin Hochberg, Rachele Laboratories; Mr. John Ogorzalek, Tenneco Chemicals, Inc.; Dr. Marjorie Caserio, University of California, Irvine; Mr. Stephen Holst, Hyland Laboratories; Mr. John Pedersen; Union Oil Company of California; Dr. John Farrar, Rockwell International; Mr. Lester Loudon, Los Angeles Department of Power and Water; Mr. Richard Stegemeir, Union Oil Co. of California; Dr. H. Dwight Fisher, West Coast Technical Service, Inc.; Dr. Andrew

Masley, TRW; Mr. Clayton Wannamaker, Dow Chemical USA. Members have offered thoughtful suggestions for change in our programs. Moreover, we have placed 30 students in part-time or full-time jobs as a direct result of their help. Assistance with equipment acquisition, scholarships, the seminar program and faculty recruiting expenses have also been forthcoming. The Department is certainly appreciative of the interest which these persons have shown, and we look forward to a continuation of mutual help and cooperation.

You, as an alumnus or friend, also have an opportunity to help the Department and its students. We wish to establish an Alumni Scholarship Fund which could be used to aid and/or reward meritorious chemistry majors. Funds would be used in any number of ways: (a) cash or book awards to outstanding graduate or undergraduates students who have distinguished themselves in Chemistry, (b) tuition scholarships to out-of-state masters students who must pay full tuition (this will better enable us to attract excellent teaching assistants.), (c) research assistantships to permit needy graduate students to continue thesis research in the summertime. Your contributions will be gratefully received, and instructions for giving are listed elsewhere in this letter. Of course, contributions need not be limited to the Scholarship Fund. If there is some other aspect of our program which you would like to help support such as equipment acquisition, the seminar program, a visiting professorship, etc. we would obviously welcome and honor your choice.

Lastly, please continue to keep us informed about your job status and whereabouts and any other newsworthy events in your life. A number of former students have told me that they were able to make contact with long-lost classmates as a result of last year's alumni news column. Furthermore, the faculty retain an interest in you as a former student and enjoy following your career and exploits! Cards and letters are posted so that all the faculty and staff may share them. We also enjoy in-person visits from alumni. Best wishes to you all! Ken Marsi

MEMORIAL RITES FOR DR. PETERSON

Dr. P. Victor Peterson, first president of California State University, Long Beach, died Thursday morning, April 26. He was 87. His doctoral degree was from Stanford University in chemistry.

"Dr. Pete," as he was affectionately known to thousands of Southern Californians, died after a short illness at Long Beach Memorial Hospital, 30 years after the founding of the university in 1949.

In commenting on the life and work of Dr. Peterson, the university's first president, Dr. Stephen Horn said: "Dr. Peterson was a fortunate man. He had the dedication and energy to begin soundly a great university and to live to see it well underway in meeting the needs of a diverse regional, national and international population. We shall sorely miss his care and his involvement."

PROFESSOR REEDS DIES

With great regret we report that Professor J. Nelson Reeds, Chemical Engineering Department, died on May 3, 1978, at the age of 53. Dr. Reeds came to this campus in 1967 to initiate the program in chemical engineering, which was under the auspices of the Chemistry Department at that time. Later, when the program had grown to the status of a department, it was moved to the School of Engineering. Our alumni from the 1967 to 1970 era will remember his course in Industrial Chemistry.

At the University of Iowa he earned the degrees of BSChE, MS-ChE, and PhD-ChE, and later served as Assistant Professor at Iowa. Thence he moved to Rose Polytechnic Institute, Terre Haute, Indiana, where he was Professor and Head of Chemical Engineering, before coming to Long Beach.

Nelson also was an accomplished musician, playing the oboe in a symphony orchestra and singing with the choir in his Lutheran church.

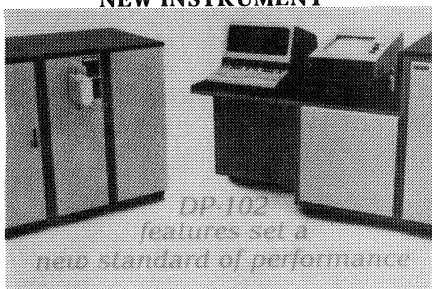
Editor's Note: Since the beginning of the chemistry program here faculty members have contributed books and funds to finance the several prizes and awards given annually. Recently we have begun soliciting donations from local industries. Because of the good performance of you alumni our reputation is spreading, so these fund-raising efforts are bearing fruit.

Now we are asking for contributions from you, the alumni. To help start this off, a senior professor will match alumni donations - dollar for dollar - up to a total of \$1000. Checks should be made payable to the Chemistry Department Development Fund, Account Number 420-000-109-000, and sent to K. L. Marsi, Chairman, Department of Chemistry, in the enclosed envelope. Your donation is deductible.

If your employer has a program of matching employee donations, please enclose the appropriate form or ask your company to participate.

These donations will be used to provide awards to outstanding graduates or to aid deserving students in our department.

DEPARTMENT ACQUIRES MAJOR NEW INSTRUMENT



The department has just acquired a gas chromatograph coupled to a mass spectrometer with a complete data system (see photo above). Purchase of this GC/MS/DS system was made possible by special funds from the office of the Academic Vice-President. We are looking forward to using this instrument in the advanced organic and analytical laboratory courses during 1980. Students who remember identifying those Chem 422 organic mixtures will appreciate our expectations!

A number of graduate and undergraduate students will use the GC/MS/DS system in their research projects. The power of this analytical tool really can be appreciated only after routine use, much like NMR. We are excited about applying such features as separation and analysis of nanogram quantities of materials, mass spectrometer accuracy to 0.1 amu and easy unit mass resolution, chemical ionization mass spectrometry, etc. Look next year for a scientific progress report on our GC/MS/DS!

REPORT FROM THE STUDENT AFFILIATES

by Brian Dubow

The student Affiliates of the American Chemical Society is organized for the promotion of chemistry in all aspects. This 1978-79 academic year the SAACS has tried to keep up with that sole purpose by presenting chemistry to students in an informative and entertaining way. We had various activities such as a tour to TRW's chemistry facilities and a film on NMR spectroscopy. A variety of speakers gave talks from different aspects, including Dr. Marsi's orientation which we called, "All you wanted to know about chemistry, but were afraid to ask," a chemical patent lawyer, and a panel discussion by alumni who told us the various ways they applied their respective degrees.

This year two of our students had papers accepted to the ACS National Conference in Hawaii. To help Kathleen Cannon and Bob Maiden with expenses, the Student Affiliates gave each \$100.00, which came from the two semester sales of lab glasses and aprons. We collected a record amount of funds, which provided a pizza get-together and orientation in September, our great Christmas party, a spring picnic, and of course, the annual pizza awards banquet. We also sold CRC handbooks, the I.D. handbooks, bumper stickers, and T-shirts.

We are setting up a showcase outside SC3-222, which the Student Affiliates will use to set-up displays, articles and information to benefit all the students and faculty. We tried to inform the students and faculty this last year by making all the seminar posters and other informative fliers.

The new officers for next academic year will be Mike Briggs -- President, Brian Dubow -- Vice-President, Jim Denman -- Secretary.

In closing, all the officers of this past year wish to express our sincerest gratitude to the faculty, staff, and most of all, the chemistry students for their support and participation.

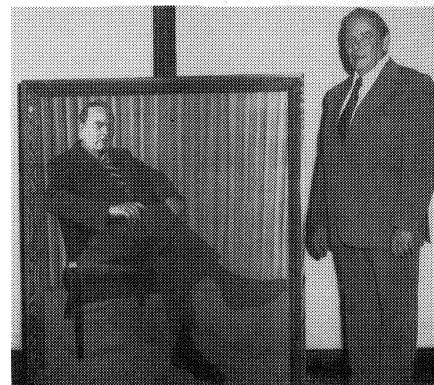
The officers of the Student Affiliates:

Tony McLaughlin	- President
Diana DeLatore	- Vice President
Brian Dubow	- Secretary
Kirk Morgan	- Treasurer
Ken Branam	- Representative to the School Council

*The laughed when they heard Aston say,
Tiny atoms one day he'd weigh*

*But he had the last laugh,
With his Mass Spectrograph,
'Cause atoms he weighed a new way.*

SIMONSEN PORTRAIT UNVEILED



In a ceremony on May 4 the portrait of Donald H. Simonsen was added to the series of paintings of former CSULB presidents. Don Simonsen acted as president of this university during the unquiet year of 1969-70, after the resignation of Carl MacIntosh and before the arrival of the incumbent president, Stephen Horn.

Biochemist Simonsen came to Long Beach State in 1956 as did Darwin Mayfield, thereby doubling the numbers of the Chemistry Department faculty. Now, of course, the biochemistry section of our Department has six faculty and about half of the graduate students, but for a number of years Don was the biochemistry section. The sympathy and quality of his teaching is frequently noted in letters we receive from alumni of his classes.

In 1966 he was called to the central administration by the then-Dean Raymond Lindgren to be Associate Dean, and in 1967 he became Academic Vice-president following Lindgren's decision to return to teaching history. Thereafter he became President in 1969.

Helen Gilde, Prof. of English and Chairman of the Academic Senate, introduced President Horn and Don Simonsen, who each spoke briefly; Mrs. Norma Simonsen; Prof. Nicholas Hardeman, chairman of the faculty committee which handled the project; and Barry Briggs (MA--CSULB), the painter of the oil portrait. The ceremony was held in the Special Collections Room on the fifth floor of the Library where the presidential portraits are displayed permanently. Following the unveiling and the speeches a reception was held for the 50-100 assembled friends and colleagues of the Simonsens.

This Spring there were six chemistry majors elected to Phi Beta Kappa out of a total of 40 from the entire University. This is about fifteen times the statistical expectation.

DEPARTMENT ADDS NEW FACULTY



Joining the department in September is Ms. Linda Marshall (see photo above) as Assistant Professor of Analytical Chemistry. She received the BS degree *cum laude* from the State University of New York at Buffalo in 1975, and expects to complete her PhD this summer from the University of Washington. Her thesis work on "Kinetic Enzymatic Methods for Clinical Analyses," was carried out under the direction of Prof. Gary Christian.

In addition to three papers read at meetings she has co-authored four published articles: *Analyst*, 102, 424(1977), *Microchem.*, 22, 582(1977), *Anal. Chem. Acta*, 100(1978), *Analyt. Letters B11* (11), 925-933(1978). She is Lecturer at Texas A & M this year.

She faces a busy summer; writing a book, *The Energy Crisis*, with Dr. J.O.M. Bockris, defense of her PhD thesis, and relocation to Long Beach.



The other new member of the faculty is Dr. Stuart R. Berryhill (see photo above) who comes to Long Beach next Fall from two years of post-doctoral work at Brandeis University with Prof. Myron Rosenblum. Dr. Berryhill was an undergraduate at Williams College, BA *cum laude* in 1973, Phi Beta Kappa, National Merit Scholar; then went to Berkeley for his PhD with Andrew Streitwieser, Jr.

His thesis work was on synthesis, structure, and properties of organo-uranium complexes. At Brandeis he is working on preparation and synthetic uses of organo-iron compounds. An article has appeared in *Inorg. Chem.* 16, 2143(1977); others have been accepted or submitted to *Inorganic Chemistry* and the *Journal of Organometallic Chemistry*.

HONORS TO CURRENT STUDENTS AND NEW GRADS

Kenneth Branam	Golden Nugget Award for Service to the Campus Community.
Stephen Castellino	Chemistry Department Analytical Award, Phi Beta Kappa, \$1000 ANRCO Fellowship at UCR, (will enter PhD program at UCR)
Fred "Fritz" Coffman	Graduate Award for Distinguished Service School of Natural Sciences.
Tam Chung	\$500 Calbiochem Fellowship.
Marly Eidsness	\$1000 California Heart Association Fellowship.
Alan Galuska	Merck Award in Organic Chemistry, Phi Beta Kappa. (will continue as a student at CSULB).
Jeffrey Hagenah	American Institute of Chemists Award, Dean Rhodes Memorial Award, Phi Beta Kappa, \$6000 Regents Fellowship at UCLA, \$1000 Taylor Award at Princeton, will enter PhD program at UCLA).
Brian Imai	Outstanding Graduate Student School of Natural Sciences.
Steve Jones	Graduate Dean's Award to the Outstanding Chemistry Graduate Student, \$6000 Regents Fellowship at UCL, \$1000 ANRCO Fellowship at UCR. (will enter the PhD program at UCR).
Paul Jordan	Phi Beta Kappa
Kirk Morgan	Merck Award in Organic Chemistry
Barbara Ohno	Chemical Rubber Publishing Company Award to the Outstanding Freshman Chemistry Student.
Robert Proffitt	Associated Students Presidential Award for Service.
Erika Schneider	\$1000 Applied Spectroscopy Summer Research Fellowship.
Gerald Wuenschell	Toni Horaleck Memorial Award Phi Beta Kappa (will enter the PhD program at UCLA).
Curtis Winters	Toni Horalek Memorial Award, Phi Beta Kappa, Outstanding Senior Award-School of Natural Sciences, \$6000 Regents Fellowship at UCLA, \$1000 Taylor Award at Princeton, (will enter medical school at USC).

The UCLA Chemistry Department has five Regents Fellowships, worth \$6000/year, for new graduate students. This Spring two were offered to our department's graduates.

FORMER STUDENTS EARN PROFESSIONAL DEGREES

In the last issue the *Newsletter* published a list of 103 alumni who had gone on to a PhD degree, and below we list 17 more in this category. For this issue we have searched our files and memories to identify those who have chosen some other professional degrees, and this list follows. The editor apologizes for any errors or oversights, and earnestly solicits corrections and additions.

MEDICAL SCHOOL

C. Gary Bodensteiner	UCLA
Walter Boyle	UC San Francisco
Tim Buchanan	American Univ. of the Caribbean
David Bush	UC San Francisco
William Christiansen	UC San Francisco
Francis Dawson	USC
Carla Dilla	UC San Diego
Neal R. Dixon	USC
Rick Fuji	UC San Diego
Paul Gallardo	USC
Scott Greer	University of Utah
Daniel Healy	Loyola Univ., Chicago
Sharon Herden	UCLA
Kedy Jao	Ohio U.
Richard Lee	Hahnemann U., Philadelphia
Monty Leupp	UC Irvine
Luis Lomeli	UCLA
Raymond E. Lyons	U. Minnesota
Mary Mailander	Georgetown U.
Christopher Meilleur	Howard U.
Andrew G. Mitchell	USC
Ron Mjanger	Univ. Oslo, Norway
William R. Moody	Guadalajara, Mexico
Christi Mullins	(?)
Jon. W. Nagel	UC Davis
Stephen O'Barr	Universidad del Noreste Tampico, Mexico
Melody J. (Slauson) O'Connor	UC Irvine
Claude Offord	Rugers U.
Robert Petzold	U. Kansas
Robert A. Smith	UCLA (?)
Michael Taylor	Washington U., St. Louis
My Ngoc Nguyen Thi	UC San Francisco
Paul Van Camp	UC San Diego
Steven Villarreal	U. Michigan
Albert Whipple	UC San Diego
James M. Winans	UCLA
Richard Yeh	U. Dominican Republic

PHARMACY SCHOOL

Norman Hegler	UC San Francisco
John McGady	USC
David Smith	UC San Francisco

DENTAL SCHOOL

Lori Beeninga	UCLA
William Buchanan	UCLA, Harvard
Michael Buchbinder	Temple U.
Thomas Dillon	USC
Jack Fullwiler	U. Pacific
David Gardner	Georgetown U.
George Green	USC
Stephen A. Holley	USC
John W. Leyman	USC
Paul Lingren	Ohio U.
Tony McLaughlin	U. Washington
Robert Montgomery	USC
Richard Morrison	USC
David R. Piper	USC
Roert W. Purkey	Temple U.
William R. Redwood	U. Pacific
John Scoggins	U. Pacific
James Scott	USC
Charles R. Stucken	Northwestern
David Tang	USC
Donald Wilson	Emory

OTHER PROFESSIONAL SCHOOL:

Jack Dawson	Chiropractic College Chicago
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PhD UPDATE:

Herman Higa	UCLA
Foad Jahahsouz	U. Minnesota
Joseph Jung	USC
Keith Munson	UC San Diego
Yuen Sing	UC Irvine
Richard Whitely, Jr.	U. Nebraska

1978 PhD CANDIDATES IN CHEMISTRY

Christos Angeletakis	UC Irvine
Betty Burri	UC San Diego
Wai Man Ip	USC
Yong Juo Kim	Michigan State U.
Marianne Marsi	UCLA
David Morano	U. Wisconsin
Daniel Peek	Oregon State U.
Chris Pritsos	U. Nevada, Reno
Patricia Rogers	UC Irvine
Oren Shelley	UCLA
Craig Snider	UC San Diego

The Editor's Award of "Far Out Alumnus" goes to Dick Ebner (B.S. '66) in Dhahran, Saudi Arabia. Runner-up is Ercan Unver (M.S. '76) in Izmir, Turkey; closely followed by Joe Jung (M.S. '66) in Seoul, Korea.

FACULTY TAKE SABBATICAL LEAVES

Arnold "Jack" Berry will be at the Clinical Immunology Laboratories, Santa Monica, CA, next academic year on a research project to set up a radioassay diagnostic test for thyroid stimulating antibodies in Grave's Disease. He will also help supervise and direct the laboratory in addition to spending about one day per week at CSULB supervising the research work of his graduate students.

Robert Loeschen moves to Purdue University for one year to work with Prof. H. Morrison on photochemical rearrangements of bichromophoric molecules.

John Stern will be Visiting Research Professor next year at Queen Elizabeth College of the University of London, England, where he will be studying electro-chemistry with Dr. P. Bennetto.

STAFF NEWS

by Reva Walther

TUKIA, ALEINA SULIANA — daughter of Suli and Dan, arrived May 1, our newest Chemistry staff member! Mom and dad are adjusting nicely. Dan, a CSULB grad, is the new member of the Planning Dept. of Garden Grove. Grandparents from Tonga will soon be arriving.

SANTAGE, JEANNETTE — Our new department secretary came to us from Signal Hill City Office. She migrated to Long Beach from the east coast (New Jersey) and her "foreign language" still pops through. Jeannette and her husband Spence, a pharmacist, live in the sand dunes of Belmont Shore. Welcome Jen.

MCLUEN, FRAN — Toured the European Countries, courtesy of a special award of husband Chuck's company for a sales promotion program. Number one son, Chuck II is graduating from high school and has sights set on a college education. Number two son, Scott, is still into sports and will be in his last year of junior high.

WALTHER, REVA — Number *one* in seniority (9 years) in the circle of keyboard geniuses! Resides with husband, Norm, nearby in the shadows of CSULB. They recently spent a vacation on the Isle of Maui, going native and feasting on the coconuts and macadamia nuts and comparing grains of sand with the sand in their second home in Palm Springs. Has 2 daughters, No. 2, Candy, and her husband labor for ole CSULB. No. 1 with hubby and 3 children reside in Gilroy.

TEWELES, PAULA — Our student staff gal is working toward a degree in dietetics. Husband Ted is also a part-time prof in Finance. Both are tennis buffs.

FACULTY NOTES

Nail Senozan will visit Ege University in Izmir, Turkey, as a United Nations Scholar between June 3 and July 9, 1979. His activities in Izmir will include lecturing laboratory development, and consultations with the Chemistry Faculty.

Ed Custer, former biochemistry prof., is now Director of Clinical Chemistry and Assistant Laboratory Director at Automated Laboratory Services, Van Nuys, CA. He reports that he is "very happy with my new position."

We understand there are presently five National Science Foundation Research Grants in chemistry active in the California State University and College System. Two are in our department.

NEWS FROM THE ALUMNI

All your news that fits we'll print

1958 — 1968

ANTHONY, PHILIP L., BS '58, is Supervisor, First District, Orange County Board of Supervisors. He took formal leave in Nov. '78 from his position of Supervisor, Laser Instr. with Rockwell International. Phil also has a MS in Chem (with honors) from USC.

FLATH, ROBERT A. BS '60 continues as research chemist at the Western Regional Research Center, USDA, in Albany, CA, where he is working on food flavor research and on host plant insect predator attractants.

ROBINSON, RONALD A. BS '60 is a Group Leader of Product Development in the Purex Research Center, Carson, CA.

BURTON, WILLIAM G. BS '64 Director of Technical Services, Bethesda Research Labs., Rockville, MD, is responsible for direction of groups doing nucleic acid sequencing and recombinant DNA work on contract - primarily to NIH. After a PhD in Molecular Biology at UCLA, Bill's career included Harvard, Notre Dame, and Cold Spring Harbor.

GARRIGUES, BEVERLY BS '64 following 7½ years teaching high school chemistry, now farms near Escondido, CA, has a daughter and a son and is much involved in community activities.

HATHWAY, GARY M. BS '64, Senior Research Associate at UC Riverside, has two '78 articles on Protein Kinases in *J. Biol. Chem. and Methods Enzymology*. He and wife, Wilhemina have four children: John, Sean, Laura, and Charles.

EBNER, RICHARD BS '66 has been for six years Chief Environmental Affairs Engineer with the Arabian American Oil Co., in Saudi Arabia. He is married with two daughters and a son.

JUNG, HYUN CHAI "Joe" MS '66 is Professor of Chemistry at Kyung Hee Univ. Seoul, Korea. Before returning to Korea he received the PhD in chemical physics at USC in 1972. He was exchange Professor at Karlsruhe Univ. (Germany) in 1976-77, and now serves as Secretary General for the Korean Solar Energy Society, which activity has taken him to Japan (1978) and the USA (1979). He is married and has three sons.

MESSING, ALAN W. MS '66 since his 1970 PhD from UC Davis has been a Lecturer in Chemistry at UC Riverside and doing vitamin D research with W.H. Okamura.

FAGERBURG, DAVID R. BS '67 has been with Tennessee Eastman in Kingsport, TN, since his PhD in 1970 from the Univ. of Washington. Having done polyester research, he is now on special assignment to the New Products Division to commercialize a new polyester. In January, '78, he was promoted to Research Associate. He and his wife, Maureen, a CSULB alumna, have six children ranging from 13 to 1½. Also he reports "Amateur astronomy with my homemade 6-inch telescope has become of great interest to me the last few years."

HERMANN, ALVIN O. MS '67 received the PhD in 1972 from the Univ. of Calif. at Riverside.

SANDSTROM, JAMES P. BS '64, MS '67, left CSULB to do development work in applied electrochemistry until 1978, including two years in England at the company's research center. Since his MBA in Finance from UCLA in 1977 he has become a mortgage broker in Century City. He is married; one daughter.

SENZEL, ALAN J. BS '67 after his PhD (UCLA '70) was associate editor for *Analytical Chemistry* until 1974, then Methods Editor for the Association of Official Analytical Chemists until 1978, and now is Head, Office of Information, Chemical Industry Institute of Toxicology in Research Triangle Park, NC. He is married, two children.

FERM, DONALD J. BS '68 has been with US Borax Research Corp. since 1964 and was promoted to Research Chemist in 1968. His specialty area is consumer product formulation and evaluation. He and his wife, Linda have three children.

LAZARTIC, JIM BS '68 is Plant Manager and Chemist with Certron Corp., in Anaheim, CA., a world-wide supplier of audio cassettes, cartridges, and tapes. He holds a Commercial Pilot's license and doubles as company pilot, flying mostly to the plants in Mexico. He is married, with a three-year-old daughter.

LOOMIS, WAYNE BS '68 is head of Technical Service and Research, Inmont Corp. IPI, Los Angeles, CA., and doing research and development in fluoxographic and gravure printing inks. He did graduate work at UC Berkeley in surface phenomena and petroleum chemistry. He reports avocations of sailing; sports car rallying, slaloming, and racing; photography. He is active in three Datsun Clubs!

OUELLETTE, RAYMOND E. BS '68 Is Senior Engineer with Shell Oil Corp. in Environmental Affairs of the Corporate Health, Safety, and Environment Organization. He is stationed in Houston, TX.

News from Alumni Continued

1969

KULLUK, JOHN BS '67, MS '69, Stephen E. Blewett & Associates, Altadena, CA. is consultant to insurance companies and attorneys on chemicals, fires, and explosives. He holds the PhD degree from the Univ. of Pittsburg '74, is married, and has one son, born 12-31-77 (How's that for Family Planning?)

MANO, S. HENRY BS '67, MS '70 took a law degree from Loyola, Los Angeles, CA., and now works for the California State Air Resources Board as an Associate Air Pollution Specialist. He and his wife have a son, Randy, born September 1978.

RAWDING, BURTON R. (RON) BS '69 is Paint Chemist and Technical Service Representative with Advanced Coatings and Chemicals, South El Monte, CA, and expects a MBA from CSULB in 1980.

VALENTINE, GARY W. MS '69 in May, 1978 joined the Technical Staff of the Technology Support Division, Hughes Aircraft Company, Culver City, CA.

1970

FERAZZI, ROBERT E. BS '70, teaches chemistry at University High School, Irvine, CA.

ROSE, MIKE C. BS '70 has finished the MS degree and has a PhD in progress at the University of Utah.

1971

COWAN, PHIL R. BS '71 is Materials Engineer in the Technology and Design Engineering section of Rockwell International Satellite Systems Division. Too, he doubles as Western U.S. Promotional Representative for Kelmark Engineering, Inc. of Michigan. He is a member of the American Institute of Aeronautics and Astronautics; is married and has one daughter.

GROVE, WALTER BS '71 with his family runs a 400-acre alfalfa ranch near New Castle, Utah, and raises show and saddle horses, registered Arabians. He enjoys hunting and riding in the nearby mountains. He is married, three children.

MARSH, J. RODNEY BS '71 after a MS in Environmental Engineering at Illinois Institute of Technology in 1974 joined SCS Engineers, Long Beach, as Project Engineer. He is married, one daughter, and is working on a MA in History at CSULB.

MERRILL, JAMES BS '71 is Quality Control Chemist with Neutralite Products, Inc., Los Angeles responsible for cosmetic product testing, he assists in mineral, vitamin pharmaceutical, and raw material testing. He is married.

PAYNE, TOMAS MS '71 instructs Chemical Technology, Organic and Biochemistry at the Los Angeles Trade-Technical College.

1972

BALDWIN, BRUCE BS '66 MS '72 is a Quality Assurance Representative for the Defense Logistics Agency and teaches part-time at Long Beach City College. He is married and with three children.

BURROS, BYRON MS '72 finished his PhD at Rutgers in 1975, went to Cornell on a post-doc for a year, then joined the Carnation Research Labs, Van Nuys, CA. as Research Chemist. He is married, one son two years old on March, 25, 1979.

FRISBEE, ROBERT HENRY BS '70, MS '72, finished a PhD at UC Santa Barbara and is now Lecturer at Cal Poly, San Luis Obispo. His first child was expected in February, 1979.

JOPE, RICHARD BS '70, MS '72 is on the faculty of the Dept. of Pharmacology, UCLA School of Medicine and doing research on the regulation of neurotransmission in mammalian brain. Wife Charlene also is on the UCLA faculty in the Biology Department.

LEEB, JOHN BS '67, MS '72 works next door at the Long Beach Veterans Administration Hospital on corticosteroidogenesis. He has "a hard working teacher for a wife, two super boys."

1973

BERKIHISER, ELLIOT BA '73 works at Boeing in Seattle on a project to fabricate an ultra-high molecular weight polyvinylidene fluoride airplane. He reports that music is still his second favorite recreational activity.

DEAL, ROBERT J. BS '73 works for CCI Life Systems as Supervisor, Analytical Lab. They manufacture sorbent chemicals for kidney dialysis. Formerly he was employed by several mining companies, travelling extensively in the western states. He is married, one child - Lindsay.

LOWE, LIZ BS '73 and her husband, Morgan, report the arrival of Nathan Melech, January 19, 1979, 8 pounds and 12 ounces; second child, first boy.

WEIHE, GARY R. BS '73, reports that he accepted a position as Senior Research Chemist Pioneering Fluid Process Research Department, Rohm and Haas Co., Spring House, PA. after completing his PhD at UC San Diego in June 1978. He is doing mostly applied research with ion exchange resins. He and his wife have two children.

1974

GUIDO, DON BA '74 is in his second year at the Illinois College of Optometry.

LLORT, FRANK BS '74, joined Food Machinery Corp. as Research Chemist in the Industrial Chemical Group after completion of his PhD at Princeton in 1978. He is currently working with flame retardants. He and wife Maureen, have an infant daughter, Ruth.

TUINSTRAS, RIK BS '74 finished his PhD at the University of Wisconsin under C.P. Casey and is now with Dow in Midland, MI. He and wife Jan have twin daughters, Tara and Madeline born 9/76.

WHITELEY, RICHARD V. Jr. BS '74 worked one year at Rockwell International, then went to the Univ. of Nebraska for a PhD in Analytical Chemistry, finished in August 1978. He is now in the Analytical Division of Sandia Labs., Albuquerque, NM doing electroanalytical work. He is married, four year old son, Vincent.

1975

BHALLA, PRABHA J. '75 is a medical technologist in the Century Clinical Laboratory in La Mirada, CA. She plans to open her own clinical laboratory in the future.

FREERKS, ROBERT BS '75 and **ONO, ROBERT BS '75** are in the graduate program in the UC Irvine Chemistry Dept.

NOWINSKI, STUART BS '75 after two years at U.S. Borax & Chemical as an analytical chemist, has returned to school for a Secondary Credential and now teaches at San Marino High School, San Marino, CA.

PAKES, PATRICK W. BS '75 currently is analyzing the infrared spectrum of cubane in connection with his work for the PhD in physical chemistry at UC Berkeley, which degree he expects to complete this June or July. He likes the Bay region; swimming and disco dancing in the city.

News from Alumni Continued

CO SARNO, MARIA ERLINDA MS '75 works at Hyland Laboratories as a Research Scientist on fractionation of plasma proteins for therapeutic applications.

SAVENYE, ROBERT BA '75 is a quality control chemist at the Thompson Vitamin Co., Carson, CA.

VAN CAMP, PAUL, BA '75 states that the report that he was doing PhD work at Berkeley was greatly exaggerated. Actually he is to receive a MD from UC San Diego this June. After internship he plans to practice drugless holistic health care.

1976

GREER, SCOTT D. MS '76 is supporting himself in this third year of medical school at the Univ. of Utah by donating to an artificial insemination program. After reporting that he scored in the 90th percentile on the National Boards Biochemistry Section, Scott notes that "Maybe I learned something after all, Dr. Perlgut!"

LADJIMI, PETE BS '74, MS '76 is taking courses toward a MBA at CSULB, working at Hughes Aircraft, El Segundo, CA.

THIBEAULT, ANITA T. BS '76 is a Regulatory Compliance Auditor at McGaw Labs. She also teaches Quality Control in the Food, Drug & Cosmetic Industry and Regulatory Affairs at Coastline Community College.

UNVER, ERCAN MS '76 is a member of the Faculty of Science, Dept. of Botany, Microbiology Section of Ege Univ., Izmir, Turkey. He is working as a Lecturer and studying for a PhD; and was married last October.

1977

BASIULIS, DANUTE I. MS '77 works at Hughes Aircraft, Culver City, CA., as a research chemist, Technical Staff.

BROWN, KEN, BA '77, Plant Chemist and Engineer for the Coulton Chemical Company, Perrysburg, OH, is developing new analytical methods, preparing four papers for an analytical journal and three others for a non-referred journal. He and his wife, Joan, have one child and are expecting another. Also he has returned to school, majoring in chemical engineering.

CUNNINGHAM, LINDA K. MS '77, at LSU Medical Center, New Orleans, LA., working on a PhD in Clinical Chem., is the only woman and graduate student doing research with a group of physicians on multiple myeloma. That is, when she isn't in the French Quarter doing research on jazz and the gumbo. She has survived two Mardis Gras by now.

JASPERSE, JIM MS '77, is alive and well in Grant Rapids, MI, analyzing waste water and surface water for PCB, PBB, and other chlorinated hydrocarbons for an engineering firm.

JOHNSON, RAYMOND A. BA '77 is a broker with Merrill Lynch in Long Beach.

SHEEHAN, HELEN M. BA '77, works for Magna Corp. in Santa Fe Springs, CA.

THORNHILL, REX BA '77 has recently relocated to Houston, TX, to work for Texas Instruments as Process Engineer. He uses chemical vapor deposition to make silicon "chips."

UEDA, DEAN '77 reports that he has only one and one-half years to go at the UC San Francisco School of Pharmacy.

1978

BERNABE, ELVIRA BA '78 currently is employed at Arco-Watson Refinery in Carson, CA., in the quality control and analytical laboratory. She is married and has three children.

BURRI, BETTY JANE MS '78, is in the PhD program in Chemistry at UC San Diego. She is doing a research program on radio-activity assay. She reports that she is happy with the classes, the pay, the climate, and the parties.

HEGLER, NORM BS '78, is in the doctor of pharmacy program at US San Francisco; completion date expected to be June, '82.

KOSTRENCICH, STEVE BA '78, works at Rachele Laboratories in Long Beach.

LYONS, RAYMOND E. BA '78, attends the Univ. of Minnesota Medical School. He is married to Martha Swatek, daughter of Professor Frank Swatek, Chairman of the Microbiology Dept. at CSULB. She is also a graduate of CSULB.

MARSI, MARIANNE BS '78, daughter of Professor K.L. Marsi, is in the PhD program in organic chemistry at UCLA and is to be married in August to Lewis Manring, another PhD candidate in organic chemistry at UCLA.

PEEK, DANIEL BA '78, formerly at Douglas Aircraft Co., as a polymer chemist, will begin work at Oregon State in the Soil Fertility PhD program in the Fall of 1979.

SMITH, RANDALL E. BA '78, lives in Washington but works in Oregon at the Northwest Testing Labs. in Portland, OR., practicing industrial chemistry; analyzing metals, cements, oils.

SNIDER, CRAIG MS '78 has begun his first year in the PhD program at UC San Diego.

SPILLE, JOHN N. BA '78, is employed at Rachele Labs., Long Beach.

VAN ANDLER, THERESA BA '78 continues her education while working part-time.

1979

KANNE, DAVID MS '79, and his wife, Louise have a daughter, Melissa, born 11/9/78; 7 lbs. and 2 oz. He is working on his PhD at UC Berkeley with prof. Rapoport.

MAIDEN, ROBERT MS '79 has accepted a position with West Coast Technical Service, Inc. in Cerritos, CA. He will work mainly with CG/MS and HPLC analytical problems.

DAVENPORT, WILLIAM BS '79 has joined a family firm in Phoenix, Arizona.

**CSULB CHEMISTRY
DEPARTMENT NEWSLETTER**

An occasional publication of the Chemistry Department for past, present and future students, faculty and friends.

News items are welcomed -- even solicited -- and may be sent to:

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