



# CHEMISTRY DEPARTMENT NEWSLETTER

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*Dr. Donald Cram, 1987 Nobel Laureate in Chemistry and Ninth Annual Distinguished Visiting Lecturer Sponsored by Unocal Corporation.*

## Ninth Annual Distinguished Lecturer is Nobel Laureate

The winner of the 1987 Nobel Prize in Chemistry was guest for the day of the Student Affiliates of the American Chemical Society and the Chemistry Department on Wednesday, February 17th. Susan Soggs, SACCS President, wrote Professor Donald Cram of the UCLA Department of Chemistry soon after he returned from Nobel Award ceremonies in Stockholm, and he graciously accepted the invitation to be our ninth guest for the Annual Distinguished Lecture Series, now under the sponsorship of UNOCAL Corporation.

The day began with a television interview taped at the campus TV Center with Darwin Mayfield as host. The camera crew did an excellent job on closeups of the actual prize and the award document presented by King Gustav of Sweden.

Members of the Student Affiliates enjoyed a leisurely lunch with Dr. Cram and took him on a tour of the department. Then came the Wednesday afternoon seminar which was moved to the West Science Lecture Hall to accommodate a sizeable audience. Here Professor Cram spoke of some of the research for which the prize was awarded. He illustrated structures of synthesized molecules which mimic enzyme action with CPK molecular models. These molecules, which

## Dr. A. G. Tharp Retires



*Dr. A. G. Tharp*

Dr. A. G. Tharp, a faculty member in the Department of Chemistry since 1959, retired at the end of the fall semester of 1987, after 28 years of teaching service. Dr. Tharp will best be remembered for his teaching assignments in the second semester of the year course in general chemistry where an estimated 5,000 students received instruction from him in subjects such as chemical bonding, periodicity of the elements and inorganic qualitative analysis. Dr. Tharp was effective in stimulating students to consider graduate work in chemistry, and as a result of his influence a significant number of students chose Purdue University, the institution from which he received his doctorate, to study for their PhD degrees. Among them were Dr. Howard Stephens, Dr. Evord Knights, Dr. Ralph Knights, Dr. William Lake, Dr. Robert Hutchins and Dr. Mark Kasner.

Dr. Tharp obtained his BS in Chemistry from the University of Kentucky and his PhD from Purdue and was a postdoctoral associate at UC Berkeley prior to coming to CSULB. He maintained consultancies for many years with the Lawrence Radiation Laboratory and Sandia Corporation in Livermore, CA. Together with Dr. Henry Po. Dr. Tharp wrote a laboratory manual in qualitative analysis entitled, "Second-semester General







### Dr. Annie Bianchino Returns to CSULB as Lecturer in Biochemistry



Dr. Annie Bianchino

Prior to undertaking her studies for the PhD at UCLA, Dr. Annie Bianchino was an effective and popular part-time instructor in our department during the period, 1981-84. Dr. Bianchino writes, "I am looking forward to rejoining the department as a lecturer. I greatly enjoyed my previous part-time teaching at CSULB. In fact, it is because of that positive teaching experience that I decided to return to graduate school for the PhD so that I could embark on a full-time career teaching biochemistry." Dr. Bianchino received her BS in Chemistry at Brooklyn College and the MS in Biochemistry from UC San Diego. Her doctoral work was supervised by Professor Valerie Schumaker at UCLA, where she studied the triggering and regulation of the classical complement cascade, which is part of the immune system and inflammation.

### Former Faculty and Staff: Where are They Now?

Dr. Gary A. Braden (Lecturer 1978-80) is Process Chemist with Amvac Chemical Corporation in Los Angeles and lives in Los Alamitos, CA. He is involved in developing procedures for the synthesis of pesticides.

Robert Clark (Glassblower 1978-

### Dr. Kimberly A. Schugart Appointed Lecturer in Physical Chemistry



Dr. Kimberly Schugart

Appointed as Lecturer in Physical Chemistry for the 1988-89 academic year is Dr. Kimberly A. Schugart, presently a postdoctoral associate of Professor William A. Goddard III at California Institute of Technology. Dr. Schugart's doctoral research was conducted in collaboration with Professor Richard F. Fenske at the University of Wisconsin and centered on understanding the properties of a series of bis-bridged organometallic complexes using Fenske-Hall molecular orbital theory. Her postdoctoral work has involved use of *ab initio* methods to understand how H-H and C-H bonds become activated in the presence of early transition metal systems. Although a Southern Californian from Palos Verdes, Dr. Schugart received her BS degree from Northwestern University where she was elected to Phi Beta Kappa.

1985) and his wife, Sharon, announce the arrival of a son, Robert Martin Clark (Robbie), born July 16, 1987. Bob Sr. graduated from CSULB and is pursuing a new career in the Bay Area. He and his family live in Windsor, CA.

Dr. Michael Chen (Lecturer 1984-85) is employed as a research chemist at BioResearch Corporation in San Diego, CA.

Dr. Charles "Pat" Dunne (Assistant Professor 1976-80) is a research biochemist with the Department of the Army, Natick Research, Development and Engineering Center in Natick, MA. His wife, Maureen, teaches in the Economics Department at Framingham State.

Dr. Tom Goyne (Lecturer 1986-88) has accepted a tenure-track position as Assistant Professor of Chemistry at Valparaiso University, Valparaiso, IN.

Dr. Margaret "Peggy" Kline (Lecturer 1984-87, Part-time Faculty 1987-88) has accepted a tenure-track position in the Department of Chemistry at Santa Monica City College.

Dr. Shelly Kumar (Lecturer 1985-87) is a postdoctoral associate with Dr. Christopher Foote at UCLA.

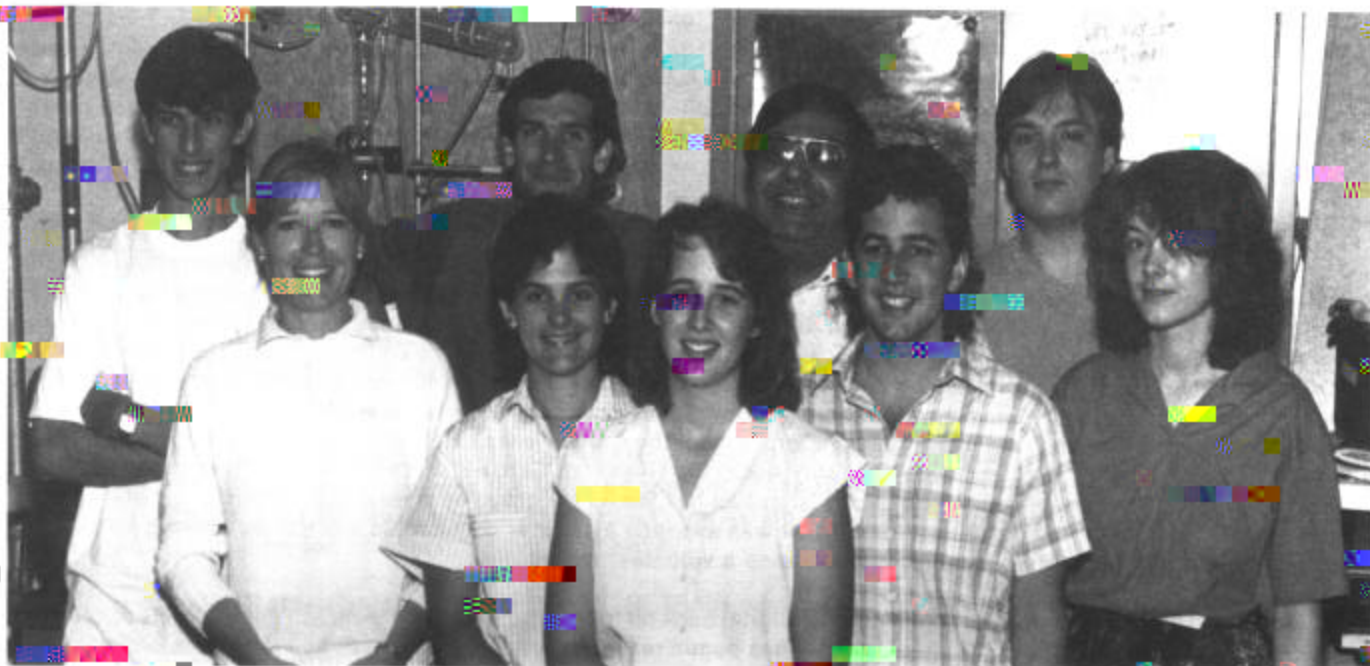


Dr. Linda McGown

Dr. Linda McGown (Assistant Professor 1979-83) moved from Oklahoma State University to Duke University in Durham, NC, where she has accepted a position of Associate Professor in Analytical Chemistry. Her research interests are focused on the use of fluorescence spectroscopy for chemical analysis. Areas of application of her work include environmental analysis, clinical chemistry, forensic chemistry, toxicology and geochemistry.

Dr. Terri Snow Speakman (Lecturer 1980-83) is Senior Market Analyst with US Brix Research Corporation in Anaheim, CA. She and her husband, Dave, are in the process of moving aboard their sailboat.





**Dr. Roger Acey's Biochemistry Research Group**

*Front Row, left to right: Patricia Healy, Sharon Squires, Stacie Bailey, David Miller, Utha Hellman. Back Row, left to right: Eric Keller, Denis Göttinge, Dr. Roger Acey, Michael Bundy. Not shown: Cathy Bedolla, Martin Edwards, Iori Ishazawa, Michael Mustillo, September Rivera.*



**Dr. Nail Senozan's Biophysical Chemistry Research Group**

*Foreground, seated: Dr. Nail Senozan. Others, left to right: James Cirillo, Deborah Simon Allison, Timothy Brady, Kristin Lincoln, Kevin Miller, E. Kenneth Lesniewski.*







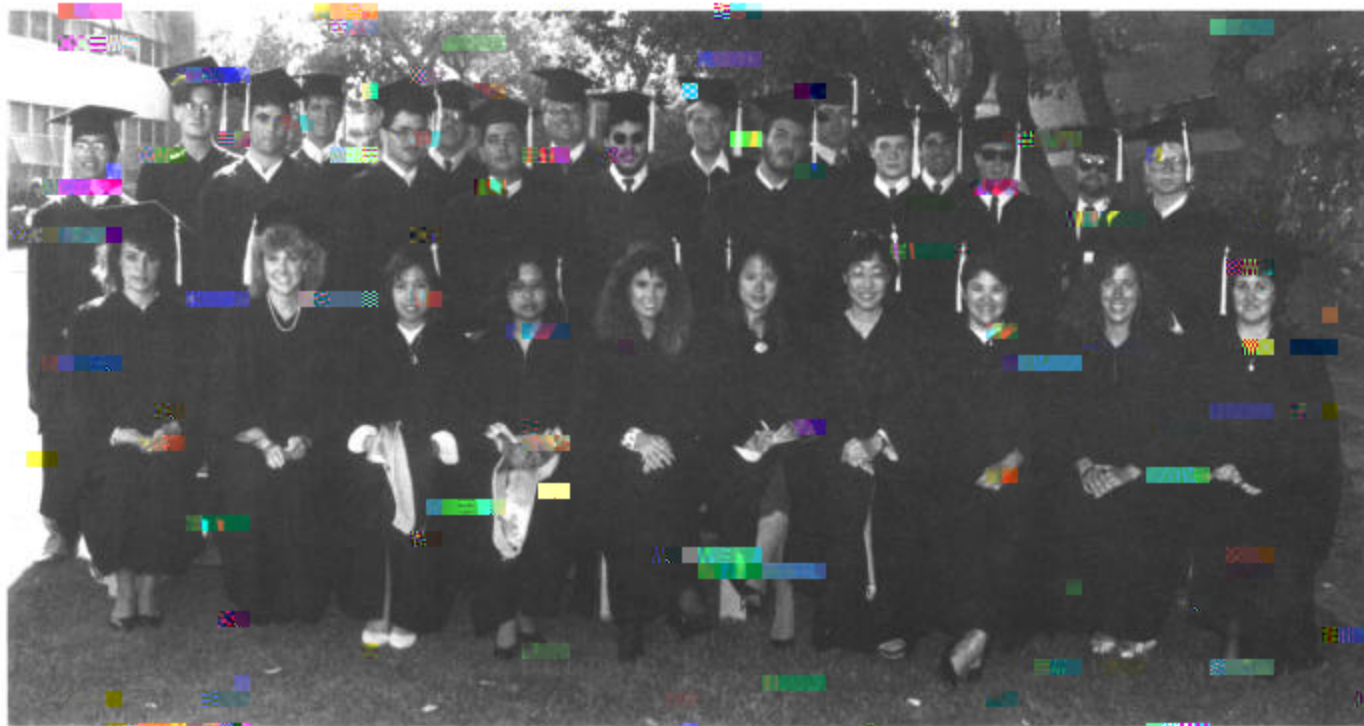












Some Members of the 1987-88 Graduating Class

*Seated, left to right: Kathleen Coffman, Lisa M. Smith, Zarila M. Shariff, Rosidah Radzian, Andrea A. Baxter, Chau M. Tong, Caryl Acuna, Susan E. Boggs, Elizabeth Siegfried, Kelly J. Anderson. Standing, left to right: Henry C. Pham, Michael Schlador, Kerry W. DeGroot, Leo J. Stemler, Rodney M. Solgonick, William Cicio, David Cendejas, David F. Maynard, Michael Vicioso, Thomas Rittenhouse, David J. Arar, Anthony Scotty, Jr., Jon J. Lohwasser, Chris R. Nanney, James A. Cirillo, P. Anthony Hinman, Michael S. Kahn*

## Alumni News

Alumni news appearing in this section is compiled primarily from your **Newsletter** responses. Copies of the **Newsletter** are given to students when counseling with them about careers in chemistry and informatic about your careers is pointed out to them. Thus, it is helpful for us to hear from you. Please use the inside of the back page of this **Newsletter**, together with the attached post-paid envelope, to tell us something about yourself in the 1989 **Chemistry Department Newsletter**.

### 1958

**Philip L. Anthony**, BS (MSU of Hawaii), is a management consultant. He is currently serving as a publically elected member of the Board of Directors of the Orange County Water District, a position held since 1980.

### 1961

**Fred H. Dorer**, BS (PhD U of Washington), is continuing as Vice President for Academic Affairs at California State University, Bakersfield.

### 1962

**John J. Jasnosz**, BS, has worked in surfactants and agriculture for 14 years and has three surfactant patents. John suffered a severe head injury in 1985 after being struck head-on by a drunken driver. He spent over a year in rehabilitation, but has since returned to work as Customer Service Manager for Hill Brothers Chemical Company. John is married to Diane, and they are celebrating their nineteenth anniversary this year.

### 1963



Courtenay Anderson

**Courtenay Anderson**, BS, MS 1965, was named "Employee of the Month" for December, 1987, by the Board of Trustees of Santa Rosa Junior College. Before joining the faculty at Santa Rosa, Mr.





















**Chemistry Department Secretarial and Technical Staff**

**Left to right:** Jeannette Sontage, Department Secretary; Katrina Brinkman, Chemistry Office Student Assistant; Anne Nguyen, Stockroom Staff; Sinh Tran, Stockroom Staff; Francis McLuen, Secretary; Joyce Unishima, Director of Laboratories; Bernadine Sparta, Secretary; Robert Soukup, Electronics Technician. **Not shown:** Sandra Lee, Stockroom Staff. **Joining the staff during the last year:** Katrina Brinkman, Sinh Tran and Sandra Lee.