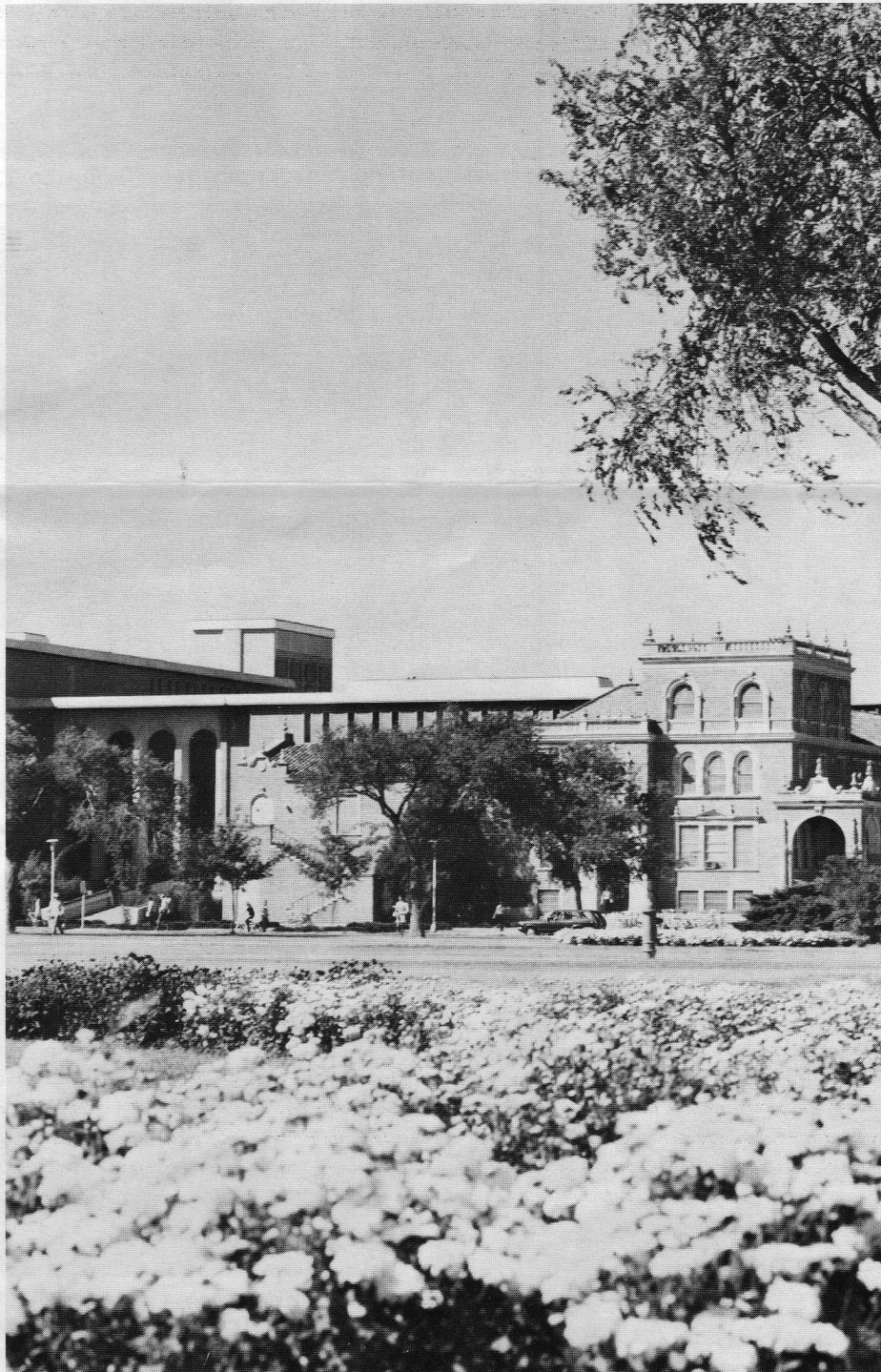


# the Test Tube

THE CHEMISTRY DEPARTMENT NEWSLETTER 1982  
Texas Tech University Lubbock, Texas

Editor: Henry J. Shine

Editorial Assistant: Sharon K. Grant



## To Our Readers:

One of the most pleasant aspects of the teaching profession is to hear from former students. We greatly appreciate the fact that some of you took time to send us news of your current activities for inclusion in the third edition of our annual newsletter. Hopefully, even more of our former students will send items for the next edition. We like to hear from you.

Toward the end of last spring semester, Dr. Kice announced his intention to resign as chairman and return to full-time teaching and research. I accepted the Dean's appointment as Interim Chairman and have now had several months to consider the departmental prospects for the '80s.

Positive aspects include a faculty which realizes the importance of teaching as well as research. Recognition of the pursuit of teaching excellence was provided by the receipt of the AMOCO Award and a President's Medal by two of our senior faculty this last year. Recent junior faculty additions of Walt Chesnavich (physical), Sandy Dasgupta (analytical) and Bob Shaw (biochemistry) also show the potential for developing quality teaching and research programs.

The level of extramural support received by the Department for research is currently at an all-time high. Although recent cut-backs in Federal funds for scientific research are having an effect, we hope to offset these declines at least partially by increasing the level of support from industry.

The Department does, however, share a common problem with many University chemistry departments across the nation. Too little money is available to replace key items of research and instructional equipment which were purchased during the late '60s and early '70s and are now becoming obsolescent or simply worn out. This can deprive us of the opportunity to train our students with the type of instrumentation they are likely to encounter in their professional positions. Unfortunately, there is no easy solution to this continuing problem.

Overall, prospects are quite good for the continued growth and development of both the undergraduate and graduate-level chemistry programs at Texas Tech in the '80s. We are doing our best.

Sincerely yours,

*Richard A. Bartsch*

Richard A. Bartsch  
Interim Chairman, Department of  
Chemistry

### Awards, Awards, and Honors

This was a banner year for recognizing members of our department. Two awards for teaching were earned.

To **Dr. Jerry Mills** (associate chairman of the department) went a "President's Award for Excellence in Teaching", This is a new award initiated this year (1981) by President Cavazos, to be given annually to an outstanding educator from each of the Colleges of the University including the Schools of Law and Medicine.

To **Dr. Richard Bartsch** went one of the two 1981 AMOCO "Outstanding Teacher Awards". These awards are supported by the AMOCO Foundation and, like the President's Awards, carry not only the honor of the award but also a gift of \$1000.

It is interesting to note that these awards, recognizing excellence in teaching, have gone to two of the department's faculty who are also very active in research and administration.

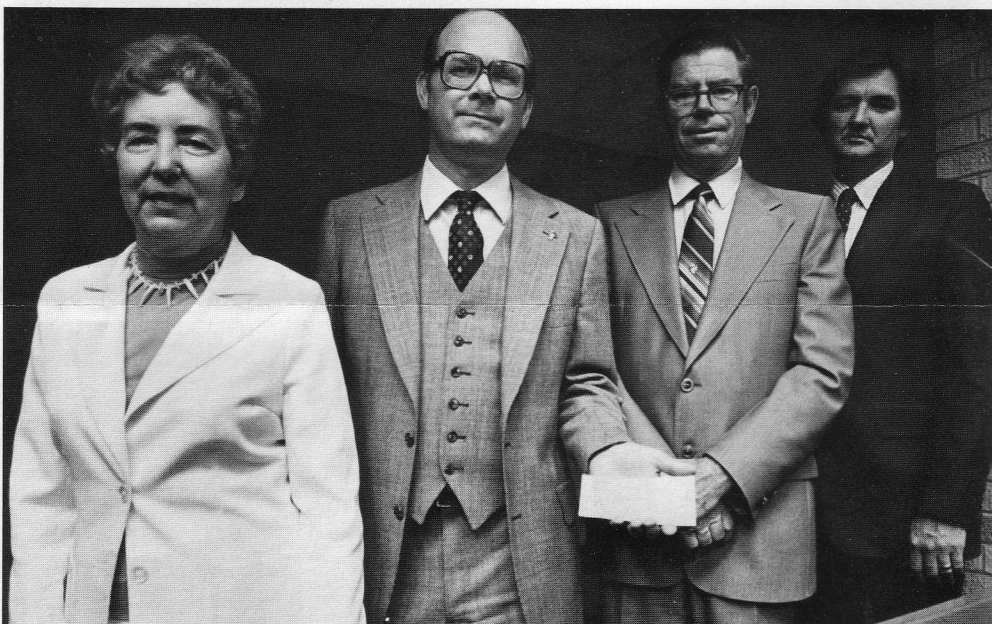
Two members of our department have been recognized twice with awards this year.

**Mr. Jimmie Ray Hall**, senior technician, received not only a "University Award for Excellence" but also one of the "Top Techsan Staff Awards". Each of these awards is made for outstanding service to the University and its students by non-teaching members of the University personnel. Jim Hall has been serving in this way for 24 years. He joined our department in the days when the department's technicians carried out most of the plumbing and carpentry needs of the department, even making our own laboratory furniture. From those days Jim Hall has progressed to research machinist and supervising technician. It is he who sees that our complex building functions smoothly, and although we no longer make our own furniture Jim's student helpers can still turn out a few bookcases at a pinch. The Top Techsan Award, given by the Ex-Students Association, was presented at the Homecoming Football game (a defeat, alas), with all due pomp and circumstance.

*Jimmie Ray Hall receiving "Top Techsan" award during half-time ceremonies, Homecoming game, November 7, 1981.*



*Dr. Jerry Mills, at right, top row among recipients of President's teaching award.*



*Dr. Richard Bartsch holds AMOCO teaching award at presentation ceremonies.*



*Jimmie Ray Hall receives University award for excellence in service from President Cavazos, March 13, 1981.*

Former President of the University, chemistry teacher and Head of our Department, **Dr. Robert C. Goodwin** returned to the campus twice in 1981 for recognition and award. On April 7 he was the Halliburton Distinguished Lecturer in the College of Engineering and gave an address on "Research at Texas Tech—The Early Years". Those of us who thought we were pioneers in research marvelled at what the circumstances were in the real early years. Later, at the May Commencement Exercises, the Honorary degree "Doctor of Humane Letters" was conferred upon Dr. Goodwin for his service to the University and Education. Bob Goodwin, a graduate of Harvard, came to Texas Tech in 1930 as Professor of Chemistry and Head of the Department. He served successively as Dean of the Graduate School, Dean of Arts and Sciences, Academic Vice President, and President of our University, relinquishing that position in 1966. Many exes will recall, though, not so much these administrative posts, but the iron rod he wielded in organic chemistry for many years. At receptions both in April and May many former colleagues, friends, and students had the pleasure of meeting Dr. Goodwin again.

**Dr. Henry Shine** received the 1982 Faculty Research Award (Sciences) in the College of Arts and Sciences. This award (and one on the Arts side) is made annually for recognition in research achievement, particularly on the international level. He also had the rare honor of giving the May Commencement Address to the College of Arts and Sciences. It is surely always better to give rather than to listen to a commencement speech, but it was indeed a great pleasure to have been invited to speak.

**Dr. Pill Soon Song** was selected as the 1981 National Lecturer at the Annual Meeting of the American Society of Photobiology, Williamsburg, in June, and spoke on "How does Phytochrome work?"



*Former President Robert C. Goodwin, reception on occasion of receiving Honorary degree Doctor of Humane Letters, May 1981.*

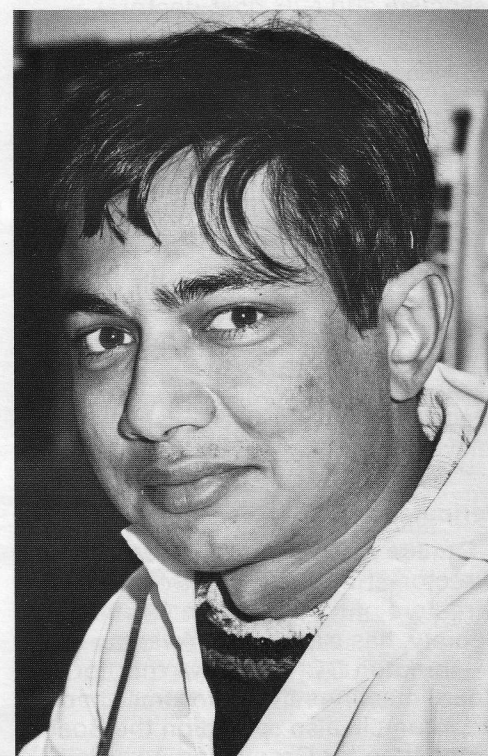
### Faculty News

**Dr. Richard A. Bartsch** was appointed interim chairman of the Department at the beginning of the fall semester. In discussing the appointment with the faculty early in September, Dean of the College Lawrence Graves noted that Dr. John Kice had decided to resign from the Chairmanship after serving with distinction for six years. Thus, Dr. Kice returns to the less hectic life of teaching and research, while Dr. Bartsch picks up the challenge of administration.

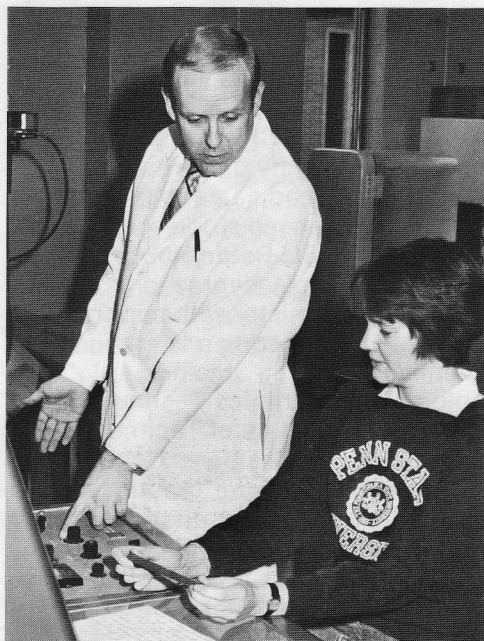
**Dr. Kice** came to Texas Tech in 1975 to fill the position of chairman. He was then chairman of the chemistry department at the University of Vermont, a position he'd occupied for five years. All in all Kice had, in 1981, served 11 years as the leader of a chemistry department. Understandably he has decided that enough is enough. At Texas Tech he has earned the reputation of a strong and capable leader, representing the department well and struggling for its further development in increasingly difficult times. To him we say "many thanks", and to Dick Bartsch "all the best".

We welcome to our department two new faculty members.

**Dr. Purnendu K. (Sandy) Dasgupta** (and Mrs. Sarah Dasgupta) in the Analytical Division. "Sandy" Dasgupta received the B.Sc. degree in 1968 and M.Sc. (Inorganic Chemistry) in 1970 from the University of Burdwan, West Bengal, India, and came to the United States for advanced studies in 1973. He attended LSU Baton Rouge, and received the Ph.D. degree in Analytical Chemistry with minors in Electrical Engineering and Inorganic Chemistry. He also obtained a diploma in Electronics Technology from DeVry Institute of Technology in Chicago during this period. He continued at LSU after graduation as an instructor and post-doctoral fellow until December 1978 when he joined the California Primate Research Center as an assistant research chemist and the Department of Civil and Environmental Engineering as an adjunct assistant professor at the University of California, Davis. His research interests are in analytical methods in atmospheric constituents, both gaseous and particulate. His research also deals with trace ionic analysis; he is presently exploring novel separation and detection methods for ionic species. At Texas Tech, he has initiated a graduate course in atmospheric chemistry and plans to teach a complementary course in water chemistry in the future.



*New faculty member Dr. Sandy Dasgupta, January 1982.*



*New faculty member Dr. Robert Shaw and graduate student Carol Mattes, January 1982.*

**Dr. Robert W. Shaw** (and Mrs. Mary Shaw) in the Biochemistry Division. Bob Shaw received the B.A. degree in Biology from West Virginia University in 1971 and the Ph.D. degree in Biochemistry from Penn State in 1976. He graduated magna cum laude from WVU, and was elected to Phi Beta Kappa (1971), Alpha Epsilon Delta (1970), Phi Sigma (1974), and Phi Lambda Upsilon (1974). From 1976 to 1981 he was a research associate and NIH post-doctoral fellow in the Institute for Enzyme Research, University of Wisconsin. Dr. Shaw's research interests are in physical biochemistry, particularly in understanding the chemical and physical structure-function of relationships in metalloproteins. He has worked extensively with paramagnetic resonance spectroscopy in the cytochrome-c oxidase system. At Texas Tech he will continue his work in the applications of rapid kinetics and ESR spectroscopy to studies of several relevant metalloenzymes.

#### **Peripatetic Professors**

**Dr. Joe Adamcik**, serving as Director-at-Large on the Board of Directors of the American Chemical Society, has travelled to Atlanta, Washington DC, and New York for Board meetings five times this year. Dr. Adamcik also served on the Board Committee for Grants and Awards, and the Society Committee on

Chemical Abstracts Service, in connection with which he journeyed also to the CAS HQ in Columbus, Ohio (November).

**Dr. Richard Bartsch** presented two research papers at the 5th Symposium on Macrocyclic Compounds in Provo, Utah (August). Of additional interest, Dr. Bartsch was the faculty sponsor for Mr. Lowell Deo, a participant in the Minority High School Biomedical Research Program. The program, sponsored by the NIH is designed to give minority high school students some research experience in the possibility that they may seek careers in biomedical research.

**Dr. Robert Holwerda** attended the Wayne State Conference in Inorganic Reaction Mechanisms (June).

**Dr. David Knaff** attended the Gordon Conference on Biochemical Aspects of Photosynthesis in New Hampshire (July). He, like Dr. Holwerda, has also made a series of perambulations in Texas and elsewhere on recruiting-lecture visits to other Universities. Dr. Knaff has become the Chairman of the Graduate Student Admissions Committee. How lucky can he get?

**Dr. John Marx** presented a paper at the Southwest Regional ACS meeting in San Antonio (December).

**Dr. Jerry Mills** attended the 2nd International Conference on Phosphorus Chemistry at Duke University. Dr. Mills was promoted to Professor effective September 1981.

**Dr. Roy Mitchell** presented a lecture "Chemistry of Winemaking" to local ACS sections in McAllen, Freeport, Beaumont (TX) and Ponca City (OK) during the Spring. Experimental wines produced at TTU captured 1st, 2nd and 3rd prizes in the noncommercial white wine class at the State Fair of Texas. Dr. M. says that the judges were too tired to judge the noncommercial red wines, since 53 were submitted. Sissies!

**Dr. Richard Redington** presented an invited lecture at the University of Pittsburgh symposium on Applications of Spectroscopy, honoring retiring University Professor F. A. Miller.

**Dr. Henry Shine** revisited Grenoble, France for research conferences and presented papers at the 2nd European Symposium on Organic Chemistry, Stresa, Italy (May) and Novel Aromatic Compounds, Jerusalem (September).

**Dr. Pill Soon Song** was a speaker at the Annual European Symposium on Photomorphogenesis, Bischofmais, Germany (April); the Annual Meeting of the Indian Photobiology Society, Bombay, India (April); and the 13th Botanical Congress, Sydney, Australia (August).

#### **Former Faculty**

**Dr. Morris Stubbs** continues to work hard in his third retirement, giving lectures (about 60, so far) on energy and environmental problems to civic and other groups in Albuquerque.

**Dr. Richard J. Thompson** has joined the University of Alabama as Professor, Division of Environmental Health.

#### **Scholarships and Awards to Undergraduate Students**

Awards and scholarships were presented at the Department's Annual Awards Dinner, April 16, 1981.

The Samuel Hunt Lee Award (to an outstanding freshman chemistry major).

Lee Sommitz

The CRC Press Inc. 34th Annual Freshman Chemistry Achievement Award (to an outstanding student in freshman chemistry).

Lennis K. Dippel

The American Chemical Society Student Affiliate Scholarship (to an outstanding sophomore chemistry student).

Lyndra J. Bills

The Atlantic Richfield Award (to a student with the highest GPA in junior hours).

Joe D. Robinson  
Harry T. Weaver  
Douglas A. Webb  
Keith D. Williams

The "Analytical Chemistry" Award (to the best junior chemistry major in analytical chemistry).

Douglas A. Webb

The Texas Institute of the American Institute of Chemists, Student Award (for outstanding accomplishment in a baccalaureate program in chemistry or chemical engineering, and potential as a professional chemist).

Paul G. Hipes

The Merck Index Award (for outstanding achievement by a graduating senior).

Ernest B. Luce

The Weymouth-Campbell Scholarships: for superior performance (as a freshman chemistry major),

Lennis K. Dippel  
Gene D. McDonald  
Girish C. Vallabhan

(as a sophomore chemistry major),

Floyd L. Barry  
Lyndra J. Bills  
David S. Womack

(as a junior chemistry major).

Jose R. Matos  
Kelly R. Patton  
Stephen D. Stults  
Harry T. Weaver  
Douglas A. Webb

The Dow Scholarships for outstanding achievement (by a sophomore chemistry major),

Lyndra J. Bills

(by a junior chemistry major).

James A. Burke

#### **Teaching Awards to Graduate Students.**

Texas Tech University Outstanding Graduate Student Teacher Award.

Sukon Pirakitigoon

Department of Chemistry Awards (for superior performance as a teaching assistant).

K. Andrea Cobb  
Leonard V. Cribbs  
Paul J. Dobrowolski

#### **The Weymouth-Campbell Scholarships**

We think that readers would like to know what these scholarships are. They are made possible by the generosity of the Weymouth Corporation of Amarillo, and Mr. Mike Campbell its president. Initially, the Weymouth scholarships were given by Mike Campbell's mother, Mrs. Mary Ann Weymouth Campbell in memory of her father, former Board of Regents member Chanslor Edmond Weymouth. Mrs. Campbell died on June 10, 1980. After her death Mike Campbell continued with her gift and the scholarships now commemorate both Mr. Weymouth and his daughter.

Mr. C. E. Weymouth served on the Board at Texas Tech from June 1941 to February, 1953. One of the dormitories on our campus is now also named for him. He was for many years a prominent rancher and civic leader in the Panhandle. Mr. Weymouth was the owner of the Long

S Ranch in Moore and Potter Counties, and through his ranching interests became a leader in many ranch related efforts, such as in the fight against the spread of hoof and mouth disease. Among his many contributions to our State and the Country, he served as President of the Texas and Southwestern Cattle Raisers Association, Chairman of the Potter County Works Progress Administration during World War I, and of the Potter County Ration Board in World War II, Co-founder and Director of Cal Farley's Boys Ranch, Organizer and Director of the Maverick Boys Club, Member of the Amarillo Medical Center and the Amarillo School Boards, and Chairman of the Killgore Foundation. In the last connection he was instrumental in providing funds for the \$500,000 Killgore Beef Cattle Research Center on the Pan Tech research farm, which was also acquired for Texas Tech through his efforts.

Chanslor E. Weymouth was born in 1890 during a wagon train trek from Mansfield, Arkansas to southwest Missouri. He grew up in Missouri and moved as a young man to Amarillo. There he married Fanny Fern Masterson and to them was born Mary Ann, later to marry Thomas H. Campbell, who died in 1964. Mrs. Campbell grew up on the family ranch, attended the Hockaday School and the University of Texas. She was active in civic affairs, in oil and gas drilling, and was the Executive Vice President of the Weymouth Corp. at the time of her death.

The Weymouth-Campbell family connections with Tech, begun so long ago by C. E. Weymouth, are now continued by Mike (Michael R.) Campbell, who attended Tech during 1965-68, graduating B.A. from the College of Business Administration, and who is currently a member of the Texas Tech University Foundation.

Weymouth-Campbell Scholarships are awarded by the Department's Scholarship Committee on the basis of a student's academic record and demonstrated potential for a career in chemistry. They are for \$500 for one academic year, but may be renewed on a competitive basis, in successive years.

#### **Our Polish Connection**

This continues, but suffers as might be expected from the imposition of martial law in Poland in December, 1981. Dr. Roman Gancarz, Dr. Krzysztof Krowicki, Dr. Jerzy Strzelbicki, Dr. Henryk Zmuda, and graduate student Ewa Hallala returned to Poland in 1981. Joining the department during that time however were Prof. Witold Charewicz, Dr. Ewa Gruszecka, Prof. Boguslaw Kedzia, and Dr. Jan Zygmunt all from the Technical University of Wroclaw. Prof. Charewicz, who is collaborating in research with Dr. Bartsch, and Prof. Kedzia who is teaching in both chemistry and chemical engineering, were respectively Associate Vice President for Research, and President of their University. They are now enjoying a sabbatical of teaching and research. Drs. Gruszecka and Zygmunt are doing research with Dr. Shine, as is graduate student Alek Kajstura from the Silesian University, Katowice. Drs. Bogdan Boduszek and Jan Habdas have also returned to Poland via Canada after having their earlier travel plans disrupted by the problems in Poland.

#### **And Other Connections**

Leaving the department for new appointments or to return to their homelands were:

Dr. Sung-Hwan Cho, to the College of Agriculture, Gyeong-Sang National University, Ginju, Korea.  
Dr. Michael Hampton, to become assistant professor, University of Central Florida.  
Dr. Israel Kaplan, to Tel Aviv, Israel.  
Dr. In-Woo Kim, to Korea.  
Dr. Kazuo Sugiyama to Kinki University, Hiroshima, Japan.

While joining the department as postdoctoral fellows are:

Dr. Holger Hansen (Ph.D., Kemisk Institut, Aarhus University, Denmark) with Dr. Kice.  
Dr. Jin Jung (Ph.D., TTU, now from Seoul National University, Korea) and Dr. Doo-Khil Moon (Ph.D., Seoul, now from Jeju National University, Korea) with Dr. Song.  
Dr. Ja-Hong Kim (Chennan National University, Korea) with Drs. Holwerda and Mills.  
Dr. Dilip K. Mitra (Ph.D., University of Chicago) with Dr. Shine.

## Research Degrees

Dong-Hak Bae (Ph.D. '81, Dr. Shine) "The Scope and Mechanism of the Photo-decomposition of 1,4-Dimethyl-1,4-diaryl-2-tetrazenes".

Shou-Jen (Richard) Chen (M.S., '81, Dr. Bartsch) "Extraction of Organic Chemicals from Mesquite".

Young-Woo Kwak (M.S., '81, Dr. Song) "A Theoretical Analysis of the Phototransformation of Phytochrome".

Chin-Kang Jim Liang (Ph.D. '81, Dr. Redington) "Kinetic and Spectroscopic Isotope Effects in Carboxylic Acids".

Cynthia Ann Pettitt (M.S. '81, Dr. Knaff) "Sodium-Dependent Transport in *Chromatium vinosum*".

Herman D. Ramsey (Ph.D. '80, Dr. Marx) "Synthetic Approaches Toward Dihydrodamsin and Gnididione".

Karen A. Reinhardt (M.S. '81, Dr. Mills) "Chemistry of Some Dipnictides".

Russell J. Ruggieri (M.S. '81, Dr. Bartsch) "Analysis of Biomass Gasification Products".

Peter D. Sherrod (M.S. '81, Dr. Knaff) "Applications of Affinity Chromatography to Isolation of Sequence Specific Nuclear Proteins".

Michael T. Stephenson (Ph.D. '81, Dr. Shine) "The Reaction of Aromatic Cation Radicals with Fluoride Ion".

Il-Woo Yang (Ph.D. '81, Dr. Bartsch) "Phase Transfer Catalytic Reactions of Aromatic Diazonium Salts".

Minjoong Yoon (Ph.D. '81, Dr. Song) "Photosensory Transduction in *Stentor coeruleus*: Liposome Model Systems".

Mr. Chyi-Woei Young (M.S. '81, Dr. Holwerda) "Spectroscopy of Metal Ion-Crown Ether Complexes".

## Concerning Research

The Chemistry Department has been recognized for years as one of the strongest research departments on our campus. At the same time several of the faculty also are regarded nationally and internationally as leaders in their fields. In particular ways of recognition, Dr. P. S. Song and Dr. D. B. Knaff serve as editor and associate editor of the international journal *Photochemistry and Photobiology*,

Dr. H. J. Shine has been appointed to the Editorial Board of the international monograph series *Isotopes in Organic Chemistry*, and Dr. J. L. Kice has been appointed as a member of the Board of Directors of the newly created Council for Chemical Research (see below).

Research in the department, as in most other chemistry departments, can be carried out only because of financial support from Federal and private foundations. The major support comes from agencies such as the NSF and NIH and the Robert A. Welch Foundation. Very little support is available from State funds. The State provides excellent laboratories and utilities, and our fine library, but these also have to be paid for in part by overhead expenses deducted from research grants.

During 1981 the faculty obtained \$865,000 for research from National and State sources. This is an improvement over last year (\$753,000) but the warning flags are flying. Research funds from Federal sources are now beginning to be cut owing to reduced budgeting by the new Federal administration. The Federal administration would like to see more research support being provided by private sources, particularly by Industry (with a capital "I"). University researchers don't hold out a lot of hope for this, but two developments are encouraging.

On the local level several members of the faculty are receiving research support from the Dow Chemical Co. (Midland, Mich.). Dr. Bartsch's project involves the synthesis and applications of crown ether-containing polymers. The preparation of novel phosphorus-oxygen cage compounds is being conducted in Dr. Mills' laboratories. The support was awarded in competition by the submitting of research proposals. Although the projects receiving support are in basic research it is fair to acknowledge that they have some interest to the Dow Company. It is worth stressing, too, that our contacts with Dow were initiated by one of our former students, Dr. Ben Tefertiller (BS '62; Ph.D. MIT), who has done well in his career with Dow. Thus, we in the department now benefit from having started someone on his career in chemistry. If our department is to continue to prosper, particularly in the face of diminishing research

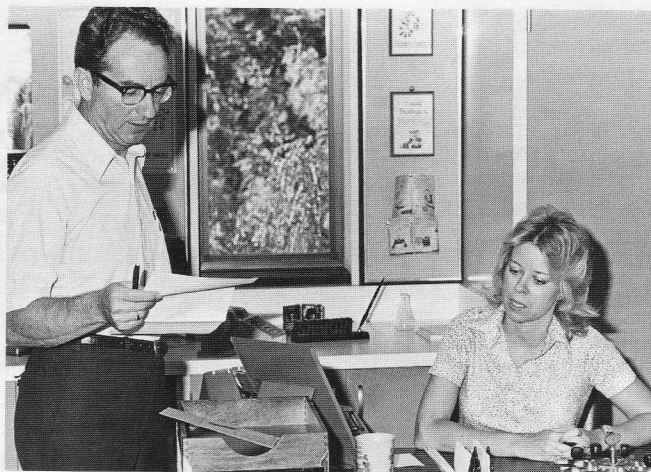
funds from the usual sources and ever-increasing costs, it will need the same kind of personal interest from others of our graduates.

On the national level the Council for Chemical Research has been created, and our Dr. Kice is much involved in it. The Council for Chemical Research (CCR) is a new, national organization of universities and industrial companies that is intended to serve as a vehicle for greatly increased academic-industrial interaction and cooperation in basic research in chemical science and engineering. The idea for such an organization was born in September, 1979, at a conference on Cooperative Advances in Chemical Science and Technology in Midland, Michigan sponsored by the Dow Chemical Company. This conference brought together people from universities, industrial research, and government to discuss what might be done to increase cooperative efforts between industry and academia in promoting basic research in chemical science and engineering in U.S. universities. The exact structure and best mode of operation of the organization were then worked out by two committees over a two-year period, and in November, 1981 CCR was officially launched. Governed by an 18-member Board of Directors (half from industry, half from universities) CCR so far has a membership of approximately 100 universities and about 25 industrial companies. Although still in its infancy CCR already has well-developed plans to promote better communication, mutual understanding, and cooperation between its industrial and academic members, including enhanced industrial funding for basic research in universities in areas of chemical science and engineering of particular interest to its industrial members, and general support by industry of advanced education in the chemical sciences and engineering.

Thus, there are new developments afoot in research. We have our eyes on the future and have hopes that more industrially supported basic research will be in it. To this end we ask our alums to be watchful for ways of bringing us to the notice of their research organizations, and we ask for your increasing awareness of our need for your support.

## Journal Gift to the Department

Early in 1981 Dr. Henry Shine received a gift of back issues of the *Journal of Organic Chemistry*, *Journal of the American Chemical Society*, and *Chemical Abstracts* from Dr. Elmore L. Martin, of Wilmington, Delaware. Dr. Martin retired from the Central Research Laboratories of the DuPont Company, Wilmington after many years of research service. An undergraduate at the University of Wichita, and graduate student at Harvard with the late Prof. Louis Fieser, Martin on retiring wanted to place his journals where they would be continually available to students. They came to Shine at Texas Tech through contact with a mutual friend.



"City desk".  
Editor and Editorial Assistant.

The journals are now shelved on the second floor of our building and, happily, their sequence is being continued by additions from the

faculty. Thus, Martin's gift will not only be useful in itself for years to come, but its usefulness will be sustained by yearly additions.

## News from Alums

Most of our alums seem to have disappeared into the blue beyond, executing the great disappearing act of '81. But, here's what we have, and thanks to the respondees.

Linda Caudle (BS '78) is a graduate student at the University of New Mexico, and having completed the requirements for an MS, is now working on her Ph.D.

Dr. Thomas D. George (BS '62, MS '65) (Ph.D. Northwestern, '68) is now the Vice President and Director of Internal Operations, Semiconductor Group, Motorola Inc., Phoenix, Arizona.

Dr. William Thad Miller, MD (BS '62) is a plastic surgeon with a private practice in Houston, and also serves as clinical Asst. Prof., Baylor Medical School. Dr. Miller asks "What happened to WWW?". Dr. Wendlandt is right there in Houston, having joined the faculty at that University in 1966.

Chris Seeker (MS '80) is now in medical school, UT San Antonio.

Dr. Sutatip Siripaisampipat (Ph.D. '81) is a lecturer in the Department of Chemistry, Kasetsart University, Bangkok, Thailand.

Further news from Servando Trevino (Chem '55-'57), who, with the hon. editor, once rode herd over the foreign students organization. Servando is President and Chairman of the Board of Industrias Petrolite SA (formerly Quimica Retzlöff Interamericana SA). Industrias Petrolite is located in Matamoros, Mexico, where it manufactures specialty chemicals for the oil

industry, ag. chemicals, and surfactants. Did we teach you how to do all that, Servando?

Dr. William R. Heineman (BS '64) (Ph.D., North Carolina, '68) is Professor of Chemistry at the University of Cincinnati. Dr. and Mrs. (Linda) Heineman with three-year old son (David) were in Japan this year, where Bill divided his time among the Universities in Sendai (Aobayama U.), Tokyo, Kyoto, and Osaka, holding a fellowship for research in Japan from the Japan Society for the Promotion of Science. Bill Heineman was born and raised in Lubbock. Goes to show, doesn't it?

This editor has received long enjoyable letters from some former students, for which he tips his hat in thanks. Among them:

Leanne (Mayerle) Harvey (BS Chem, BA Math '75) left TTU in 1975 to join Celanese Chemical Co., Bishop, TX. There, also, she met and married co-worker Michael D. Harvey (BS Chem E, Purdue '70). The Harveys are the parents of Aaron Mathew (October 26, '80). Leanne is a process chemist with Celanese, and has recently been promoted to Group Leader at the Corpus Christi Tech Centre. Not only did she write about herself but also sent news of other exes, namely: Rita Read (BS Math '75) undergraduate researcher in Chem at TTU completing her Ph.D. degree at Purdue U. in inorganic and analytical chemistry; John Clemmer (BS '76) also with Celanese but at Bay City, TX. John is married, and also a parent of one child, a daughter. Leanne asks about Dr. McPherson. He is here, hale and hearty, teaching in the freshman

program and running, in part with the help of son Kim, Lubbock's one and only winery: Llano Estacado. Mac has pioneered the grape and wine industry out this way. History in the making.

F. C. Smith wrote from San Antonio in May that graduations were on the countdown for him (MD) and wife Elena (Ph.D.) that month. F. C. should by now, then, be in residency.

From the V.A. Medical Center in Albuquerque writes Dr. Karen Blisard (BS '74). Karen went on to Northwestern University for Ph.D. studies in Pharmacology, moving later with her research advisor to Case Western Reserve in Cleveland. There she not only completed her Ph.D. but also finished medical school (begun in Chicago) and opted for pathology. Karen and fellow-M.D.-husband Russ Kleinman now live in Albuquerque where Russ is a resident in surgery and she in pathology. Karen asks "What happened to my old mentor, Dr. Redington?". Dick Redington is here and still mentoring in P. Chem.

Roseanne (Woo) Haltresht (BS '77) has written from Concord, Ohio, that she has moved from chemistry to market research after finishing an MBA (in Corpus Christi). Roseanne is working for Diamond Shamrock, and wrote very enthusiastically about her new work.

Doug McCann (BS '77), formerly with Celanese in Corpus Christi, is in graduate school at Penn State working on an MS in Chem E. Doug and wife (Beth) and daughter (Kelly) hope to return to the Lone Star State after graduation.

Send Response to: Professor H. J. Shine, Editor  
Dept. of Chemistry  
Texas Tech University  
Lubbock, Texas 79409

Inquiry of news from us: \_\_\_\_\_

Item of news for us: \_\_\_\_\_

Current Position: \_\_\_\_\_

Address: \_\_\_\_\_

Date of Graduation (or Association with Department): \_\_\_\_\_

Name: \_\_\_\_\_

We would be very pleased to hear from the Department's graduates. Send us your updated address and description of what you are now doing professionally or otherwise. If there is a particular inquiry you may have for news of the Department, let us have it please.

For us at Tech the time since preparing the second newsletter has gone quickly. We hope you will enjoy receiving and reading this, the third effort. Again, we urge you to keep in touch, to send us news about yourselves and others of our graduates. The news we like to send out most of all is news of you. Best wishes until next year and number four.

H. J. Shine

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Department of Chemistry  
Lubbock, Texas 79409

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