

# CHEM/LETTER

## FROM THE ACTING CHAIRMAN

If you have already glanced at the signature and are worried, relax. We do have a real chairman. He is Professor Alvin L. Kwiram. He received his Ph.D. from Caltech in 1962, and joined our faculty in 1970. He is very well-known for his research in magnetic resonance, and is recognized here as one of our best teachers, at both undergraduate and graduate levels. For the past two years, he has made an outstanding contribution to the department as Operations Coordinator and Chairman of our Budget Committee. We all are convinced that he will be an outstanding department chairman, when he gets a chance. For the 1977-1978 years he will be calling the signals from the side lines, because he has been awarded a Guggenheim Fellowship and will therefore be away from the campus for most of the year.

Professor Fairhall has taken on the responsibility of planning and supervision of our building remodeling.

E. C. Lingafelter

## EDITOR'S MESSAGE

Chem/Letter appeared in abbreviated form in June in an attempt to locate missing people. We thank you for finding about half of the 90 listed. About one-half or more could have reported their moves to us—others have been lost for several years. Your editor could have located many but his writing load is already quite great. Which leads to the conclusion that the best way to stay in touch is to put us on your change of address list when you move. Often you could tell us of a friend's move on the alum report.

We are blessed with more news items than ever before, so you may find your report condensed, sprinkled with abbreviations, or some items eliminated. As we prepare to go to press (a lengthy procedure) in midsummer, we hope we can run everything on hand.

Thank you for the many greetings to me and members of the staff.

V. Sivertz

## GEORGE H. HITCHINGS

This year, Chem/Letter makes its first use of a photograph. George Hitchings, BS '27, MS '28 (PhD, Harvard '33) is



honored here on the occasion of his election to the National Academy of Sciences in April 1977.

Dr. Hitchings was born in Hoquiam, Washington, and at-

tended Seattle Public Schools. He held post-doctoral appointments at Harvard until 1939, taught at Western Reserve University until joining Burroughs Wellcome Co. in 1942. There he became Research Director, 1963; Vice-President in charge of research, 1967; and a director in 1968. His retirement in 1975 was reported in C/L but he continues as a director and consultant and is president of the Burroughs Wellcome Fund.

His honors are numerous, including the Robert de Villier award from the Lukemia Society, the Gregor Mendel Medal (Czechoslovakia), the Gairdner Award (Toronto), the Cameron Prize (University of Edinburgh), Honorary D.Sc. from the University of Michigan and last year he became the first American to receive the Mullard Award of the Royal Society, London.

We congratulate him on his election to NAS and on his distinguished career.

## FACULTY NOTES

### *New Faculty Member*

Larry R. Field has joined the Analytical Division as an Assistant Professor. He received the BS and MS degrees in 1971 and 1974 resp. from Wright State University in Ohio and a PhD degree from Arizona State University in 1976.

### *Provost and Chemistry Professor Leaves U. of W.*

Dr. Irving Shain, Provost and Executive Vice Pres. of U. of W. and professor of chemistry became chancellor of the Univ. of Wisconsin at Madison this fall. We regret his leaving here but congratulate him on the honor accorded him at Wisconsin. For further word of him, look under graduates of the Fifties, below.

N. H. Andersen continues work on prostaglandins, sesquiterpenes and the pharmacology of primitive plant products. In July 1976 he attended a Gordon Conference on Natural Products; gave a symposium lecture on prostaglandins at the fall ACS meeting and chaired the chemical session of the Vail Conference on P.G. in March.

A. G. Anderson, synthesis and study of nonbenzoid aromatic hydrocarbon and heterocyclic systems; new synthetic reactions.

W. T. Borden, synthesis and study of organic molecules of theoretical interest. Promoted to full professor, effective autumn. On leave fall quarter at Yale.

G. H. Cady, emeritus, still working on the kinetics of reactions of  $C_{10}F_8$ .

W. S. Chilton received an ACS-PRF grant with Rose (see below) for \$12,500 to work on Ni(II) Complexes of Synthetic Oxygen Macroheterocycles.

E. R. Davidson, authored "Reduced Density Matrices in Quantum Chemistry," published by Academic Press 1976.

B. E. Eichinger, studying rubber elasticity including thermodynamic studies and synthesis of new elastomers. He will present two papers at the Chicago ACS meeting and will be program chairman for the 1978 N.W. Reg. Meeting.

N. D. Epiotis, promoted to associate professor.

M. Gouterman, electronic properties of metalloporphyrins, mechanisms for photoelectron transfer in porphyrin type systems. Attended a porphyrin symposium in Delaware, gave seminars at IBM (San Jose), at Colorado State, and Johns Hopkins and gave a popular lecture to Nat'l. Secretaries (Seattle) on solar energy which was reported by the Seattle Times.

B. R. Kowalski, continuing research in chemometrics and working on chelating agents for trace metal analysis. Received the Eli Lilly Res. Award 1976. Chairman of two symposia at ACS Bicentennial Meeting on, (1) Chemometrics and (2) On-line Problem Solving Demonstration.

J. W. Macklin, studying structural characteristics of condensed phase inorganic systems. He will be on leave at Stanford this autumn and other places later next year to study bio-inorganic chemistry.

C. B. Meyer is on leave from April 1977 until March 1978 in Europe and California.

J. G. Norman, promoted to associate professor; has received a \$24,000 PRF grant and a continuation of an NSF grant; invited papers at a Gordon Conf., on Inorg. Chem., and at a Catalysis Group, Monsanto Co., both August 1976.

Y. Pocker (1) chaired Biochem. Section of N.W. Reg. ACS meeting. Three papers presented there with graduate students K. Raymond, R. R. Miksch, and J. E. Stein, at the Bio-chem. Sect. and one with Bruce Ronald (PhD '69) in the Organic Section, (2) will direct two Science Faculty Professional Development Awards next year at U. of W. and funded by NSF. The recipients are Prof. Paul Jennings of Montana State U. and Prof. John Meany (PhD '67) of Central Washington St. U. (3) in Oct. 1977, he will be the speaker on "New Horizons in Chemistry" at the U. of North Carolina.

B. S. Rabinovitch is editor of the Annual Review of Phys. Chem. He will be visiting professor at Technion Inst., Israel, in Jan. 1978, and at Univ. College, London, Feb. to June 1978.

D. M. Ritter retired this summer but will continue teaching one quarter a year—a new provision for retirees.

R. J. Robinson was honored as a 50 year member of ACS at a local section meeting.

N. J. Rose as reported above under Chilton will share a grant.

V. Schomaker has been on leave at Cal Tech since last April and will return March 1978.

J. M. Schurr wrote an invited review, "Dynamic Light Scattering of Biopolymers and Biocolloids" for Critical Reviews of Biochemistry. Invited talks at U. of Calgary, at West. Wash. Univ., and at the Light Scattering Symposium at ACS New Orleans meeting.

R. Vandenbosch studying the mechanisms of nuclear reactions induced by very heavy ions, some of it done at Berkeley. He continues to serve on the NAS Panel on the Future of Nuclear Science.

B. Weinstein attended the 1976 Fall and the Spring ACS meetings. He compiled and wrote the new Chem. Graduate School brochure.

D. J. Woodman supervised the work of 15 students this summer under an NSF grant of \$21,200 for undergraduate research.

## **WHERE THEY ARE. . . . WHAT THEY ARE DOING**

To economize space, abbreviations are used, particularly for the educational institutions, and PD used for post-doctoral.

### *The Twenties*

Elton R. Allison, BS '28 (PhD, U. of Penn., '32) now living at 10275 SW Greenleaf Terrace, Tigard, OR 97223.

Meryl W. Deming, PhD '29, since retirement 10 years ago from U. of Nevada has toured by trailer, U.S., Canada, and Mexico. Lives at 25 Penrose Ave, Reno, NV 89503 summers, and in Hemet, CA winters.

James L. Hoard, MS '29 (PhD, Cal Tech. '32) received the ACS award for Distinguished Service in the Advancement of Inorg. Chem. (sponsored by Mallinckrodt) at the Spring New Orleans meeting. Papers by former students and by his major prof., Linus Pauling, were given.

John M. Kniseley, BS '26, POB 807, North Bend, WA 98045.

The 1976 Letter gave a sketch of Carl Draves, one of our early PhD's. This year singles out Waldo L. Semon, BS '20; PhD '23, 8810 Brandywine Rd., Northfield, OH 44067. He was awarded the Alumnus Summa Laude Dignatus from the U. of W. in 1946. 1923-26. Instructor in Chem. at U. of W. 1926-63 with the B. F. Goodrich Co. in several research posts, including V.P., director of research for the Hycar Co. from 1940-43. From 1953-71, Res. Prof. at Kent State U., teaching a variety of courses. Also from 1964-72 he was a consultant and expert witness. While at Goodrich, Dr. Semon's major projects included adhesives, bonding rubber to metal, antioxidants for rubber, plasticized polyvinyl chloride, synthetic rubber, Ameripol tires, nitrile

rubber, styrene-butadiene rubber, synthetic natural rubber, perdeutero rubber, Ziegler chemistry, biochemical investigations of rubber chemicals. Marjorie Gunn Semon, BS '20, is active in community affairs. The Semons have 3 daughters and 11 grandchildren, one of whom is doing graduate work at the U. of W. The Semons report that Dr. Harlan Trumbull, BS '07, MS '08 (PhD, Chicago '11) also was with Goodrich (after teaching here) most of his career. Dr. and Mrs. Trumbull (BS '14) are "in remarkably good health" living in Hudson, OH. He was 91 in May and their 63rd wedding anniversary was in June.

Roger W. Truesdail, PhD '26, although semi-retired, is still chairman of the Board of Truesdail Labs in Pasadena, CA, and continues many civic activities.

Fifty year members of ACS include Dr. Walter Carmody, BS '23, retired from Seattle U.; Anna C. Norris, PhD '31, Seattle; and Henry Wirth, PhD '35, retired and living in Bellingham.

### *The Thirties*

Clarence Anderson, BS '30's, retired from ITT Rayonier, Shelton, WA.

William H. Cone, PhD '36, still at Walnut Creek, CA, but at 2001 Oakmont Way, Apt. 8.

Dean E. Cooke, BS '30, retired, 10726 Sandpoint Way NE, Seattle.

Carl Hedreen, MS '34, 42320 Baracoa Villa 15, Indio, CA 92201.

Wells R. Moulton, PhD (Chem. Eng.) '37, retired as chairman of Chem. Eng (UW) after 24 years in that post; will continue teaching and research.

Wilfred W. Newschwander, PhD '39, retired from Central Wash. U. in July, now lives at 1403 Cora, Ellensburg, WA 98926.

Irwin Pearl, PhD '37, retired from the Inst. of Paper Chem., Appleton, WI 54911, but working as a consultant from his home, 2115 N. Linwood Ave. there.

Howard Somers, BS '30's, 109 Fawn Drive, San Anselmo, CA 94960.

### *The Forties*

Doyle Abbott, PhD '42, retired July from Chevron Res. after 31 years. Edith Arnold Abbott, BS '37 in Chem and Math, retired in June from Math Chairperson and Dean of Faculty after 20 years at Kathryn Benson/Mt. Tamalpais School. Now living at 31 Via Cheparo, Greenbrae, CA.

Alexander Adair, BS '41, has been in data processing 18 years with Unigard Insurance, Seattle.

Donald H. Anderson, PhD '43, retired from Eastman, now at Rt. 3, Box 418, Sequim, WA 98382.

Walter E. Brown, MS '42 (PhD '49 Harvard) is with Amer. Dent. Ass'n. Health Found., NBS; home at 500 Goldsborough Dr., Rockville, MD 20850.

Donovan A. Courville, PhD '46, retired from Loma Linda Med. Sch., has edited the chemistry sections of "Poisonous and Venomous Marine Animals" in 3 Volumes. 42 Dart St., Loma Linda, CA 92354.

Milton Getzendaner, MS '45 (PhD '49, Texas) named an Associate Scientist in Dow Chemical, Midland, MI for his "outstanding accomplishments related to analytical biochemistry."

Donald A. Gustafsen, PhD '44, retired from U. of Idaho but continuing to live in Moscow, ID. Don has established an undergraduate scholarship for science students at the U. of I.

Randall Hamm, PhD '41, prof. at W.S.U., was on leave last year at the Inst. fur Anorg. Chem., Bern.

James D. Hauschildt, PhD '40 (MD '54), in practice at Rinehart Clinic, Wheeler, OR 97147.

A. W. (Bill) Hawkins, PhD '41 (Chem. Eng.) doing consulting and teaching since retiring from DuPont 1972. After Oct., Crosslands, Kennett Square, PA 19348.

John C. Illman, MS '43, retired from Shell '72 and Shaklee Corp. '76, now at 590 E. Marrowstone Road, Nordland, WA 98358.

Allen B. Scott, PhD '42, retired from Ore. State U. this year.

Gilbert Turner, PhD '51 (Chem. Eng.), transferred to DuPont's Ventrop Works, DuPont (Deutschland) GmbH, 47 Hamm/Westfalen Germany, Postfach 106.

Ora L. Wheeler, PhD '43 with Chem. Industries Co., Box 59, Liberty Corner, NJ 07938.

#### *The Fifties*

Gary W. Allen, BS '50's (PhD, Wesleyan '71) Eastman Kodak Res. Labs., Kodak Park, Rochester, NY 14650.

Robert Gordon Anderson, PhD '57, is a Vice-Pres. of Chevron Res., Richmond, CA. Perhaps this is a time to mention the saga of the Andersons. R. Gordon worked under Prof. A. G. Anderson here, going directly to Chevron. In 1957, Robert Griffin Anderson enrolled as a graduate here, working with Prof. Anderson and, yes, went to work for Chevron in 1961. That is why the above name is written in full so as not to compound the inevitable mix-ups. R. Griffin sent in the V.P. news. Incidentally, Prof. Anderson got his PhD at Michigan under a Prof. Anderson.

Robert K. Barnes, PhD '55, Union Carbide Corp., POB 8361, S. Charleston, WV 25303, now director of R/D programs for the Ind. Chemicals Dept. of the Chemicals and Plastics Div. of U.C.

Victor R. Ben, PhD '52, transferred from Carothers Lab to Pioneering Res. Lab., DuPont Co., and appointed Res. Assoc.

Richard Bozak, BS '56 (PhD, Berk), will chair an organic session and give a paper on ferrocenylfulvenenes at the 26th IUPAC Congress in Tokyo, Sept. 8, 1977.

Eugene Collias, MS '51, Oceanography U. of W., has just finished "A Study of the Nutrients in the Main Basin of Puget Sound," for Seattle Metro.

Glenn Crosby, PhD '54, Chairman Chem. Physics at WSU, Pullman. He has received a Senior U.S. Scientist Award from the Alexander von Humboldt Found. of W. Germany. It will fund 7 months of research in Stuttgart late next year. Son Alan just graduated in Chemistry, will be with him on a scholarship. Last fall, Glenn taught 760 Freshman Chem. students in 2 sections. Wife Jane, BS '54, helped prepare exams and sons Alan and Brian (computer grad) and daughter Karen also assisted. This prompted the Seattle Times to run a story "Freshman Crosby—a family affair at WSU."

Thomas G. Dunne, PhD '58, now chairman at Reed College, Portland, OR 97202.

John D. Gardner, PhD '53, retired from Chevron Res. 1976 (health), 2608 Barnard St., Richmond, CA 94800.

Ann B. Harmon, BS '57, 351 Duluth Circle, Palo Alto, CA 94306, is Exec. Ass't. at Smith Kline Instruments.

Harold K. Latourette, PhD '51, still with FMC Corp. but at 2000 Market St., Philadelphia, PA 19103, where he is Environmental Manager of Toxic Substances.

Sidney M. Leahy, PhD '57, is Division Vice Pres., Traffic Control Materials Div., 3M Center, Bldg. 223-3N, St. Paul, MN 55101.

Richard N. McDonald, PhD '57, Kansas State U., Manhattan, KS 66506, with Donald Setser, PhD '61, received NSF and Army RO grants (\$148,000) for gas phase research of hypovalent radicals.

Roger S. Porter, PhD '56, writes that he and Frank Karasz, PhD '57, each started in different industrial jobs but now are full profs. at U. of Mass., Polymer Science and Engin., Amherst, MA 01003.

Lynn H. Slaugh, PhD '57, Shell Oil, One Shell Plaza, Houston, TX 77001, promoted to Consulting Res. Chemist, the highest technical level at Shell.

Irving Shain, PhD '52, Provost and V.P. of U. of W., was one of a U. of W. faculty group visiting the People's Republic of China in Feb., 1977. He visited H-K Chiang, PhD

'52, at Shanghai and T-S Chow (David), PhD '52, and H-T. Liang PhD '51, both at Peking.

Luther Smithson, MS '50's, now at Chevron Chem. International 575 Market St., San Francisco, CA 94104.

Edward Youngman, PhD '52, Biol. Sciences Res. Center, Shell Devel., Modesto, CA 95352. In May, he participated in an 8-week course for Chem. Majors and Graduates at U.C. Riverside, "Perspectives in Industrial Chem." one week of lectures and discussions.

#### *The Sixties*

Herman Ammon, PhD '63, U. of Maryland, was on leave last year at NIH working on protein chem. and crystallography.

Margaret Benston, PhD '64, Simon Fraser U., Burnaby, B.C., now has joint appointment in Chem. and Computer Sciences.

Donald Bergstrom, BS '65 (PhD, Berkeley, '70), Ass't Prof., U.C. (Davis) working on synthesis of nucleic acid components.

Alexandre Berlin, PhD '61, 19 Rue Leandre-La Croix, Luxembourg, with the Office of European Community.

Dominick Bertelli, PhD '62, pharmacist at Gilroy Hosp. 7268 Miller, Gilroy, CA 95020.

Donald Dahlberg, BS '67 (PhD, Cornell '71), Ass't Prof., Wilkes-Barre Campus, Penn. State U., Wilkes-Barre, PA 18708.

Gundolf Kohlmaier, PhD '62, Inst. fur Theor. Chemie, Robert Mayer, Str. 11, 6 Frankfurt, W. Germany, will be at the U. of W. Sept., and later in Calif.

Carl Larson, PhD '69, 12208 N.E. 137th Place, Kirkland, WA is a consultant in atmospheric studies.

Paul Lepse, PhD '62, Seattle Pac. U., was on leave '76-'77 at U. of W., to study theoretical chemistry.

Stewart Lombard, PhD '69, 13016-87th N.E. Kirkland, WA has his own construction business.

Walter Loveland, PhD '66, Radiation Center, Ore. St. U., named N. L. Tartar fellow of O.S.U.

Bernard Malofsky, PhD '65, 12 Duncaster Rd., Bloomfield, CT 06002, with an adhesives company.

Kenneth Maloney, PhD '69, now at 11 Courtney Circle, Pittsford, NY 14534.

David W. McClure, PhD '65, Portland State U., beginning a 3-year term as chairman of chemistry.

Paul Nutkowitz, PhD '68, 122 Princeton Arms North, Cranbury, NJ 08512. Occupation not reported.

Franklin Oetting, PhD '60, Rockwell Inter., Atomics Inter. Div., Rocky Flats, Golden, CO 80401. Just returned from a 2-year leave with Inter. Atomic Ener. Agency, Vienna. Worked on "The Chemical Thermodynamics of Actinide Elements." Lectured at Tokyo U., Nagoya U., Osaka U., and in Amsterdam.

Thomas J. Pratt, PhD '65, Inter. Paper Corp., Corporate Res. Center, Tuxedo Park, NY 18907.

Dallas Rabenstein, BS '64 (PhD, Wis., '68), U. of Alberta, Edmonton, Canada. Just returned from a year's leave at Oxford, England.

John H. Reynolds, PhD '64, Director of Res. and Devel., Hynson, Westcott, Dunning, Baltimore, MD.

Michael Sevilla, PhD '67, Oakland U., Rochester, MI, granted \$22,000 from ERDA and \$26,000 from Army RO to study radiation damage in DNA constituents and in peptides and proteins.

Albert Siu, PhD '69, 128 Barracuda, Galveston, TX 77550, in Medical School there.

Daniel R. Storm, MS '67 (PhD Berkeley '71), in March 1978 will be Assoc. Prof. in Pharmacology of U. of W.

Walter Volland, PhD '67, Bellevue Comm. Coll., on leave at U. of W. 1977-78. Wife Gloria teaches Highline C. C. Walt and Gloria attended IUPAC symposium in Madrid in Fall of '75, on new trends in chem. educ. Since then, Walt has conducted a workshop on Keller self-paced instruction.

Joseph Walling, PhD '69, 200 Seven Oaks Rd., Durham, NC 27704, with EPA.

Joel Wiesner, PhD '67, 179 Arcadia Ave., Santa Clara, CA 95051. Occupation not reported.

#### *The Seventies*

Robert F. Anderson, BS '75, grad. student Woods Hole Ocean, Inst., Woods Hole, MA 02543. Robert Oldershaw, BA '75, staff member at Woods Hole, and Robert Barrick, BS '75, staff member U. of W. Oceanography Dept.

Rita Bartschot, MS '74, left E. Wash. St. U., now at 5541-31st Ave. N.E., Seattle, WA.

Carol Brand, BS '75, U. of W. Med School, 3rd year.

Mark Burns, BS '74, U. of W. Med School, 4th year.

Larry C. Butler, PhD '72, U.S. E.P.A., Box 219, Wenatchee, WA 98801, presented a paper "Trace Analysis of Thiram by Microcoulometry" at the N.W. Reg. ACS meeting in June.

Ronald M. Cook, PhD '75, working part time at U. of C. (San Fran.) Med. School, and also starting his own business selling specialized intermediates for medical research, 3095 V. Kerner Blvd., San Rafael, CA 94901.

James O. Currie, PhD '70, Ch'm of Chem., Pacific U., Forest Grove, OR 97116, received \$7,800 grant from Res. Corp; Ch'm of Educ. Div., N.W. Reg. Meeting last June.

Barry Davison, BS '75, 1794 Vine, Berkeley, CA 94703, grad student in Biochem at U. of C. there.

Jay Dunlap, BS '74, Dept of Biol., Harvard U., 1 C Divinity Ave., Cambridge, MA 02138, grad student in biochem.

Wendy Farmer Boss, MS '70 (PhD, Plant Physiol., Indiana '77), PD at Dept. of Botany, N.C. State U., Raleigh, 27607.

Gary Forrest, MS '71, Philip Morris Res. Center, Box 26583, Richmond, VA 23261.

Michael J. Freeman, BA '75, grad. student in College of Forest Resources, U. of W.

Dennis Gmur, MS '76, NMFS, Environ. Conservation Div., 2725 Montlake Blvd., Seattle, WA.

Douglas Hamill, BS '76, c/o Office of Stud. Affairs, A-300 U. of W. Sch. of Med., is one of 15 national Luce scholars. This year he will be in medical programs at the Med. Center, Chiang Mai Univ., Thailand.

Harold Hawken, BA '75, teaching at Hazen High Sch., Renton, WA.

David Hinman, PhD '75, General Foods Corp., Central Res. Dept., White Plains, N.Y. 10625

Thomas Isben, BS '75, Rockwell, Hanford, 234-5 Bldg., 200 W. Area, Richland, WA 99352.

Asst. Profs. Susan and Charles Jackels, PhD's '73 and '75, Dept. of Chem., Wake Forest U., Winston-Salem, NC.

Richard Jewell, PhD '70, left DuPont for Weyerhaeuser Co., 3400 13th S.W., Seattle, WA 98134.

Robert D. Jones, BS '73, grad student, Northwestern U., Evanston, IL 60201.

Stuart Ketcham, BS '75, grad. student in Biochem., Wing Hall, Cornell U., Ithaca, N.Y. 14853.

Lynn A. Larsen, PhD '71, Food and Drug Adm., HFF-335, 200 C. St., S.W., Washington, D.C. 20204.

Carl Marrs, BS '75, grad. student, Dept. of Mol. Biol., U. of Wisconsin, Madison, WI 53705.

Gary and Irene Masada, PhD's '72, 137 Yolo St., Corte Madera, CA 94925. Gary at Chevron Res., promoted to Senior Res. Chemist and Group Leader. Irene has left Sonoma State.

Fred McDonald, BS '76, working for MS in Chem. Eng., U. of W.

Pamela Meyer, BS '75, Rockwell, Hanford, 200-W 222-5, Federal Bldg., Richland, WA 99352.

George Montgomery, BS '73, enters U.C.L.A. this fall to work on an M.B.A., and Alan Montgomery, BS '75, is at the U. of W. Med. School.

Carl Morimoto, PhD '70, Syntex Anal. Inst., 10040 Bubb Rd., Cupertino, CA 95014.

Douglas Nitta, BS '76, U. of W. Med. Sch.

Joseph J. Pluth, PhD '71, director of X-ray diffraction facilities at the U. of Chicago, Dept. of Geol. Sci., 5734 Ellis Ave., Chicago, IL 60637.

Larry V. Robbins, BS '60s, 1044 N.E. 95th, Seattle, WA 98115.

Kenneth Rousslang, PhD '76, U. of Puget Sound, Tacoma, WA, has a grant from the Research Corp.

Narendra N. Roy, PhD '70, lecturer in chemistry, Regional Inst. of Tech., Jamshedpur, in India; was at Katmandu, Nepal, 1973-76.

Clifford Rudy, PhD '70, now at Monsanto Res. Corp., Mound Lab, Box 32, Miamisburg, OH 45342.

Barbara Ramsay Shaw, PhD '73, Dept. of Chem., Duke U., Durham, NC 27706, received a Dreyfus Teacher-Scholar grant, providing funds for five years.

Stephen Stein, PhD '74, teaching chemistry at West VA U., Morgantown, WV 26506.

Amy Tsuchida, BS '76, is in the new Army Med. Sch., Herbert Center, New Orleans, LA.

Kerry Watrin, BS '76, at U. of W. Med. Scho.

Rudy Werlink, BS '75, ITT Rayonier, Jesup, GA 31545.

Bernard H. White, MS '71 (PhD, Houston '76), Exxon Res. and Eng., Box 4255, Baytown, TX 77520.

## **WE REGRET TO THE PASSING OF:**

Melvin F. Perkins, Ph.D. '24, died in 1974.

Lyman Boyer, B.S. 40's, died 1976.

Robert Efird, B.A. '69, M.D. '73, died in the Canary Island 747 tragedy.

Name \_\_\_\_\_ Degree(s) at U of W \_\_\_\_\_ Year(s) \_\_\_\_\_

Home Address \_\_\_\_\_

Other Degree(s) \_\_\_\_\_ Institution(s) \_\_\_\_\_ Year(s) \_\_\_\_\_

Position \_\_\_\_\_ Organization \_\_\_\_\_

Business Address \_\_\_\_\_

News Notes:

News of Other Graduates:

Date \_\_\_\_\_ Signed \_\_\_\_\_

Please return to V. Sivertz, Department of Chemistry, University of Washington, Seattle, Washington, 98105. Just fold so return address shows, staple, and drop in the nearest mailbox.

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[illegible]



Margaret Garvin McClain, wife of Kenneth McClain, Ph.D. '33. Margaret was secretary of the Department of Chemistry and Chemical Engineering for several years before her marriage.

## GRADUATE AND UNDERGRADUATE DEGREES

### *Doctoral Degrees (18)*

David Becker, P.D., Dept. of Chem., Wayne State U., Detroit, MI 48202 (1976).

Edward R. Byrd, Jr., 3642 Boulder Hiway 459, Las Vegas, NV 89109 (1977).

William R. Cherry, PD, Dept. of Chem., Columbia U., New York, N.Y. 10027 (1976).

David Lee Duewer, PD, Dept. of Chem, U. of Arizona, Tucson, AZ 85871 (1976).

Peter S. Fraser, Dept. of Chem., U. of W. (1977).

J. Dewey Holten III, PD, Dept. of Chem., Wash. State U., Pullman, WA 99163 (1976).

Chien-Ping Hsu, PD, Dept. of Pharmacology, U. of Rhode Island, Kingston, RI 02991 (1977).

Eric J. Knudson, PD, Dept. of Chem., Bucknell U., Lewisburg, PA 17837 (1976).

James R. McGill, Fein Marquart Associates, 7215 York Road, Baltimore, MD 21212 (1977).

Larry E. McMurchie, 3110 Lakeway Drive, Bellingham, WA 98225 (1977).

Patricia Ann Lyons Samuel, U. of W. (1977).

Simo Sarkanen, PD, U. of W. (1976).

Chia-Li Rosa Wu Tseng, Assoc. Prof., Dept. of Chem., Tam Kang Coll, Tamsui, Taiwan, 251 ROC (1976).

Edward J. Valente, PD, Dept. of Pharmacy, U.S.C., Los Angeles, CA 90033 (1977).

Isiah M. Warner, Asst. Prof., Dept. of Chem., Texas A. & M., College Station, Texas 77843 (1977).

Michael P. Webb, PD, Physics Div., Oak Ridge Nat'l. Lab., Oak Ridge, TN 37831 (1976).

Ronald L. Yates, PD, Dept. of Chem., U. of Chicago, Chicago, IL 60637 (1977).

Larry Yin-Kit Yen, 203 Eastwood Avenue, Ithaca, N.Y. 14850 (1977).

### *Masters Degrees (9)*

Róbert C. Castonguay, 264 E. Boston, Apt. 4, Seattle, WA 98102 (1976).

Patrick F. Duffy, 13100 Girard Avenue, Burnsville, MN.

Timothy F. Hoyt, 24 N. 5th, Cheney, WA 99004, teaching at E. Wash. U. (1976).

Paul R. Hutson, Sch. of Pharmacy, U. of W. (1976).

James N. Johnson, 1040 Flandrau, St. Paul, MN 55106 (1976).

Chi-Being Liu, 5214 Greenlake Way N., Seattle, WA 98103 (1976).

Thomas C. Richard, Dept. of Chem., U. of W. (1977).

Man-Yee Betty Tsang, Dept. of Chem., U. of W. (1977).

John B. Watkins, Sch. of Pharmacy, U. of W. (1976).

### *Undergraduate Degrees*

Again, the undergraduate majors made a fine record, with the following list of honors:

#### *SUMMA CUM LAUDE:*

Robert Takeshi Fukura  
John Hisashi Shibata  
Glen Anthony Wurden

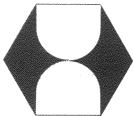
#### *MAGNA CUM LAUDE:*

Alan C. Christensen  
George Thomas Hashisaki  
Simil Kim  
Roy M. Nakamura  
William D. Ramsden

#### *CUM LAUDE:*

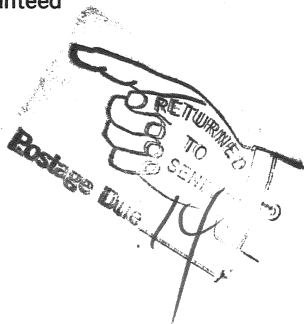
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Russel Lee Dills  
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