

Personals

1922

WILLIAM D. POTTER retired on November 27 from the Bureau of Public Roads of the U.S. Department of Commerce, in Washington, D.C., after 30 years of service with the federal government. He was head of the work group on hydraulics and hydrologic research.

1925

ROBERT W. FULWIDER, senior partner in the law firm of Fulwider, Patton, Rieber, Lee & Utecht in Los Angeles, was chosen chairman-elect of the patent, trademark, and copyright law section of the American Bar Association at their annual meeting in Miami recently.

1928

FRANK NOEL and his wife, Jean, have been touring Europe in their camper since May and have visited England, France, Germany, Switzerland, Austria, Czechoslovakia, Denmark, Sweden, Norway, and Holland. Noel writes that they expect to tour the Mediterranean next and be in Australasia for Christmas.

1932

ROBERT W. ST. CLAIR, who organized the Asco Sintering Corporation of Los Angeles and operated it for 18 years, recently sold the business to retire. Instead he started the Westcliff Travel Service in Newport Beach, Calif., last year and is now about to embark on a two-month, globe-circling, familiarization tour for travel agents which will take him to 14 countries.

1935

WILLIAM B. McLEAN, MS '37, PhD '39, technical director of the Naval Ordnance Test Station at China Lake, Calif., has been given the 1965 Rockefeller Public Service Award in science for his *peacetime achievements* in oceanographic research. McLean, one of the nation's leading researchers on the communications system used by porpoises, is also well known for his role in the development of the Sidewinder air-to-air guided missile.

1938

HARRY K. EVANS, who, since 1956, has been head of the San Francisco office of Wilbur Smith and Associates, Inc., California, consulting engineers, has been named vice president of the firm.

COL. SIDNEY OFSTHUN, USAF, re-

tired, MS, died on November 10, 1965. He was a resident of La Jolla.

HARRY D. EVANS, MS, has been appointed head of the department of licensing and design engineering at Shell Development Company's Emeryville research center. Evans has been with Shell since 1938.

ELBURT F. OSBORN, PhD, vice president for research at Pennsylvania State University, received an honorary degree of doctor of science from Alfred University in Alfred, N.Y., last June. Since 1946, when Osborn became a member of the faculty at Penn State, he has served as professor of geochemistry, head of the department of earth sciences, and dean of the college of mineral industries.

1941

FRED W. BILLMEYER JR., professor of chemistry at Rensselaer Polytechnic Institute in Troy, N.Y., and noted authority in the fields of polymer chemistry and color measurement, has been elected to the board of trustees of the Munsell Color Foundation, Inc., of Baltimore, Maryland.

1942

CARL H. SAVIT, MS '43, has been named vice president of systems research and development for the Western Geophysical Company, a division of Litton Industries, in Los Angeles. Savit, who has been with Litton for 17 years, was formerly director of Western's systems research.

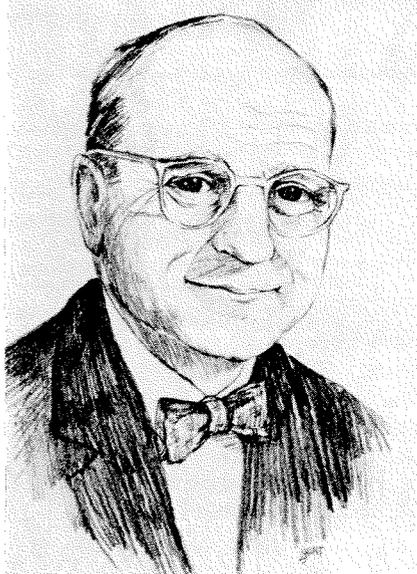
1945

MELVIN N. WILSON JR., MS '46, one of the survivors of the November 11 jetliner crash in Salt Lake City, is in good condition and has returned part time to his JPL office. Wilson, one of the first passengers out of the wrecked plane, returned to help other survivors until eye burns made him totally blind. He remained unable to see for 10 days, then slowly began to regain his sight. He also suffered a broken arm, severe third degree burns, and lung damage. At JPL Wilson works on project management assignments in the technical facilities office.

WILLIAM H. COOK has been appointed exclusive U.S. sales agent for the surveying, geodetic, and photogrammetric instruments produced by Carl Zeiss Jena, and for the entire line of the Jenaer Glaswerk Schott & Gen., Jena, in Germany. His office is in Woodland Hills, Calif.

1947

RICHARD C. GERKE, MS, has been appointed district engineer for waterfront construction in South Vietnam by RMK-BRJ, a joint venture of Raymond International, Incorporated, Morrison-Knudsen Company, Brown & Root, Inc., and the



the

Donald S. Clark Alumni Award

is doing fine

As of December 1, 217 alumni have contributed \$9,835

Our goal is \$25,000

Give Now

Make checks payable to California Institute of Technology

J. A. Jones Construction Co. He expects to be in Saigon for at least 18 months.

DAVID O. CALDWELL has accepted a position as professor of physics at the University of California at Santa Barbara. In 1964-65 he was at the Berkeley campus and the preceding year was at Princeton. Before that time, Caldwell was associate professor of physics at MIT.

1949

LIEUT. COL. DALE D. RYDER, USAF, MS '50, writes that his present assignment is assistant for limited war at the electronics systems division of the Air Force Systems Command. His responsibility is the coordination and management of all limited war activity at the electronic systems division.

ROLF M. SINCLAIR, on a year's leave of absence from Princeton University, is doing experimental studies of plasma physics at the United Kingdom Atomic Energy Authority's Culham Laboratory in England.

WILLIAM R. MUEHLBERGER, MS '49, PhD '54, writes that he has been at the University of Texas in Austin since 1954, and is now professor of geology. He has been director of a project studying buried basement of North America and

also has been active in the American Geological Institute's Council on Education of the Geological Sciences.

1951

WILLIAM A. KELLEY JR. has been appointed central district sales manager of the FMC Corporation's organic chemicals division. His headquarters are in Cincinnati, Ohio.

1952

PETER H. VERDIER recently joined the staff of the National Bureau of Standards Institute for Materials Research in the molecular properties section of the polymers division. He was formerly with the Union Carbide Research Institute, doing work on molecular structure and dynamics.

1953

GEORGE W. SUTTON, MS, PhD '55, has joined the AVCO-Everett Research Laboratory in Wilmington, Mass., as a principal research engineer, specializing in re-entry physics research activities. Until recently Sutton was a scientific advisor with the Department of the Air Force.

1954

ROBERT D. DARRAGH JR., MS, a part-

ner in the firm of Dames & Moore, civil engineers, in their San Francisco office, received the Thomas A. Middlebrooks Award of the American Society of Civil Engineers in October for his paper on "Controlled Water Tests to Preload Tank Foundations."

JERRY C. MITCHELL, who is in the chemical physics department of the Shell Development Company in Emeryville, Calif., writes: "We are enjoying the serene setting of our 50-year-old home in the Oakland hills. We have the perfect family, a boy and a girl, whom we managed to leave with relatives for an exciting month's vacation in Europe this year."

1955

HARVEY S. FREY, MD, who is at the UCLA Medical School under a special training fellowship in radiation therapy, and is studying medical physics there, has been awarded the Louis B. Silverman Memorial Fund Award in health physics.

WILLIAM F. LAPSON is a research associate at Stanford University in the mechanical engineering department, developing instruments for the physical and biological characterization of Mars. The Lapsens have a daughter born August 1.

continued on page 36

CIVIL ENGINEERS:

Prepare now for your future in highway engineering...get the facts on The Asphalt Institute's new computer-derived method for determining structural design of Asphalt pavements for roads and streets

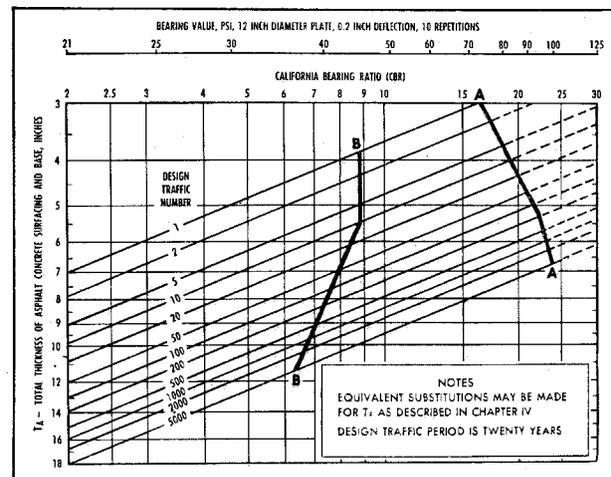
Today, as more and more states turn to modern Deep-Strength* Asphalt pavement for their heavy-duty highways, county and local roads, there is a growing demand for engineers with a solid background in the fundamentals of Asphalt technology and construction.

Help to prepare yourself now for this challenging future by getting the latest information on the new Thickness Design Method developed by The Asphalt Institute. Based on extensive statistical evaluations performed on the IBM 1620 and the mammoth IBM 7090 computers, accurate procedures for determining road and street structural requirements have been developed.

All the facts on this new method are contained in The Asphalt Institute's Thickness Design manual (MS-1). This helpful manual and much other valuable information are included in the free student library on Asphalt construction and technology now offered by The Asphalt Institute. Write us today.

*Asphalt Surface on Asphalt Base

THE ASPHALT INSTITUTE
College Park, Maryland



Thickness Design Charts like this (from the MS-1 manual) are used in this new computer-derived method. This chart enables the design engineer quickly to determine the over-all Asphalt pavement thickness required, based on projected traffic weight and known soil conditions.

THE ASPHALT INSTITUTE College Park, Maryland

Please send me your free student library on Asphalt construction and technology, including full details on your new Thickness Design Method.

Name _____ Class _____

School _____

Address _____

City _____ State _____

Personals . . . continued

1957

THEODORE G. JOHNSON has been appointed sales manager of the Digital Equipment Corporation in Maynard, Mass. He and his wife, Ruth, and their 1½-year-old daughter live in Sudbury.

1961

C. HERBERT RICE is serving with the Peace Corps in Nepal, at Sallyan, "located on a ridge about 5,000 feet, where the high mountains are visible, but about a 10-day walk away."

NICK S. MOREZ is now assistant professor of mathematics in the University of Cincinnati's McMicken College of Arts and Sciences. He received his PhD in June from the University of Colorado in Boulder, where he was also teaching as-

stant and associate.

KENDALL E. CASEY, JR., received a PhD degree in electrical engineering from USC, where he has been an instructor.

1962

JOHN R. GOLDEN, who is with the research services laboratory of the RCA laboratories in Princeton, N.J., after having received his master's degree from Kansas University in Lawrence, sends this news about his '62 classmates: "While in Boston recently WARREN TEITELMAN gave me a tour of project MAC at MIT. He will finish his PhD thesis in artificial intelligence by the end of the year. I also spoke with JOEL TENENBAUM and DAVE PRITCHARD, both in physics at Harvard and hard at work on their dissertations. DAVID SELLIN has completed all but his thesis for a PhD in nu-

clear physics at Duke."

THOMAS J. LITTLE IV and his wife announce the birth of Thomas J. Little V on September 11. The Littles live in Acton, Mass.

1963

ROBERT P. FOSS, PhD, has joined the research staff of the Du Pont Company's central research department at the experimental station near Wilmington, Delaware. For the past two years he has been doing postdoctoral work at the University of California at Berkeley.

1965

JIM EDER is in the Philippine Islands with the Peace Corps. He is working as a co-teacher with a Filipino instructor, as part of a program to improve teaching methods on the islands.

ALUMNI EVENTS

May 7	Annual Alumni Seminar
June 8	Annual Meeting

PLACEMENT ASSISTANCE TO CALTECH ALUMNI

There are two ways in which the Placement Service may be of assistance to you:

- (1) To help you seek new employment or a change of employment.
- (2) To inform you when outstanding opportunities arise.

This service is provided to Alumni by the Institute. A fee or charge is not involved.

If you wish to avail yourself of this service, fill in and mail the following form:

To: Caltech Alumni Placement Service
California Institute of Technology
Pasadena, California 91109

Please send me:

- An Application for Placement Assistance
- A form to report my field and operation so that I may be notified of any outstanding opportunities.

Name Degree (s)

Address Year (s)

ALUMNI ASSOCIATION OFFICERS AND DIRECTORS

PRESIDENT Richard P. Schuster, Jr., '46	SECRETARY Donald S. Clark, '29
VICE PRESIDENT Sidney K. Gally, '41	TREASURER John R. Fee, '51
James L. Adams, '55	John T. McGraw, '38
Theodore C. Combs, '27	Paul D. Saltman, '49
Robert W. Lynam, '54	Frederic T. Selleck, '49
John L. Mason, '47	Patrick J. Fazio, '53

ALUMNI CHAPTER OFFICERS

NEW YORK CHAPTER

President	Bruno H. Pilo, '44 75 Echo Lane, Larchmont, N.Y.
Vice-President	Willis A. Bussard, '44 Appleby Drive, RFD 1, Box 78B, Bedford, N.Y. 10506
Secretary-Treasurer	Harry J. Moore, Jr., '48 Old Orchard Road, Armonk, N.Y. 10504

BOSTON CHAPTER

President	Francis Morse, '40 16 Reservoir Rd., Wayland, Mass.
Vice-President	Theodore G. Johnson, '57 Blueberry Hill Rd., Sudbury, Mass.
Secretary-Treasurer	Thomas C. Stockebrand, '53 55 Summer St., West Acton, Mass. 01780

WASHINGTON, D.C. CHAPTER

Chairman	Willard H. Hanger, '43 4720 Sedgwick St., N.W., Washington, D.C.
-----------------	---

CHICAGO CHAPTER

President	Laurence H. Nobles, '49 Dept. of Geology, Northwestern Univ., Evanston, Ill.
Vice-President	Philip E. Smith, '39 Eastman Kodak Co., 1712 Prairie Ave., Chicago, Ill.

SAN FRANCISCO CHAPTER

President	Edwin P. Schlinger, '52 G.E. Vallejos Atomic Lab., Pleasanton, Calif.
Vice-President	Dallas L. Peck, '51 U.S. Geological Survey, Menlo Park, Calif.
Secretary-Treasurer	Thomas G. Taussig, '55 Lawrence Radiation Lab., Univ. of Calif., Berkeley, Calif.
Meetings:	15th Floor, Engineers' Club, 206 Sansome St., San Francisco Informal luncheons every Thursday at 11:45 A.M. Contact Mr. Farrar, EX 9-5277, on Thursday morning for reservations.

SACRAMENTO CHAPTER

President	Harris K. Mauzy, '30 2551 Carson Way, Sacramento, Calif. 95821
Vice-President	Frederick J. Groat, '24 877 - 53rd St., Sacramento, Calif. 95819
Secretary-Treasurer	William D. Pyle, '49 3920 Dunster Way, Sacramento, Calif. 95825
Meetings:	University Club, 1319 "K" St. Luncheon first Friday of each month at noon. Visiting alumni cordially invited—no reservation.