

Personals

1927

ALLAN C. G. MITCHELL, PhD, head of the Indiana University physics department since 1938, died of a heart attack on November 7. A native of Houston, Texas, he was a graduate of the University of Virginia. He worked on atomic development at the University of Chicago during the war and also did research for the Navy at the Johns Hopkins Applied Physics Laboratory. Before going to Indiana, he was head of the physics department at New York University.

1936

LOUIS G. DUNN, MS(ME) '37, MS (AE) '38, PhD '40, is now vice president and general manager of the Aerojet-General Corporation's Sacramento plants. In 1940 he joined the Caltech faculty, worked on the rocket project during World War II, and in 1947 became director of Caltech's Jet Propulsion Laboratory. In 1954 he became head of research and development, and director, of the Guided Missile Research Division of the Ramo-Wooldridge Corporation, and was instrumental in reorganizing the division into the Space Technology Laboratories.

1944

CLIFFORD I. CUMMINGS is now manager of advanced system development operations at Electro-Optical Systems, Inc., in Pasadena. He had been on the staff of Caltech's Jet Propulsion Laboratory for the past 17 years, serving at one time as director of the entire lunar program, and later as special assistant to William H. Pickering, director of JPL.

1950

ROBERT T. STEVENS writes that "after several years developing and selling tools and machines for the manufacturing industry, I have recently specialized in the relatively new field of pressure welding of metals, acting as consultant in product design and application for this process and also acting as West Coast representative.

"This method produces true intermolecular bonds in non-ferrous metals with absolutely no heat requirements, and no fluxes or electrical connections, so that the bond is pure metal without cast structure or normal alloying. For instance, when a copper tube is butt-welded to an aluminum tube, a hermetic interface results without the usual CU-

AL alloy, and with a joint strength greater than either of the tubes. At the pressures used (about 200,000 PSI) the metals fuse at room temperatures or below.

"Present applications are mainly electrical connections, heat-transfer devices, and hermetically sealed metal enclosures for such things as transistors, radio crystals, diodes, SCR, power rectifiers, explosive actuators, gas generators, radio isotopes and medicines."

1957

MICHAEL B. DUKE, MS '61, PhD '63, scientist in the U.S. Geological Survey's astrogeology branch, is co-winner of the Ninger Meteorite Award for 1963. Dr. Duke receives \$500 as his share of the prize. The Dukes live in Hyattsville, Md., with their two children.

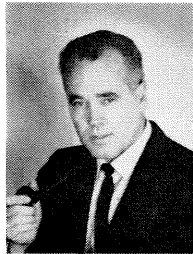
1958

JOHN L. HOKANSON, MS, has received an International Nickel Company Fellowship to continue graduate study at Purdue University in Lafayette, Ind. His doctoral work is in the field of physical metallurgy, specifically in the study of dislocation arrangements in twisted single crystals.

memorandum:

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Albert S. Jackson

Dr. A. S. Jackson
Director of Research

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CIRCLE THIS DATE ON
YOUR CALENDAR

Saturday—February 15, 1964

ANNUAL ALUMNI
DINNER DANCE

at

The University Club of Los Angeles
614 South Hope Street
Los Angeles

Cocktails at 6:30—Dinner at 8:00—Dancing at 9

Personals — Class of '38

A fulsome and fact-filled report on the 25th reunion of the Class of '38 by Secretary Charles W. Clarke reveals that:

The reunion of the Class of '38 was a great success and fun for those who were able to attend. For those who could not attend, I will do my best to tell you a little about what happened.

As planned, we started our festivities at *Bill Nash's* home. *Carl Friend* and I were the first to arrive. Carl, who has been with Ryan Aircraft in San Diego for the last several years, has recently taken a new job in Research & Development at Lockheed—Burbank.

Paul Dennis and *Paul Siechert* showed up slightly later. Paul Dennis is consulting, and Paul Siechert is still busy making castings as president of Alhambra Foundry.

Lupton Wilkinson surprised us all by appearing on the scene after writing a long letter explaining he would not be able to attend. At the last minute, he talked the boss into a business trip to Los Angeles. Wilkie is Manufacturing Controls boss at McDonnell Aircraft in St. Louis. Having had some experience in this area myself, I was surprised to find Wilkie still sound of mind and body. We had lunch together the next day and toured some of the Garrett Corporation's facilities.

Harper North had no trouble getting the afternoon off because as vice president of Research & Development at Thompson-Ramo, he is boss. Harper has made quite a name for himself by starting Pacific Semi-Conductor and guiding it through its rapid growth.

Harry Boller is still doing very well as president of his company Boller & Chivens Inc., and *Roland Stone* continues to pay high taxes from the profits of his Superior Honey Company. It's amazing what happened from an interest in the birds and bees.

Gardner Wilson, manager of Brush Instruments, arrived with an unusual smile and announced his recent marriage. We are all interested in meeting the new bride. Rumor has it that she is from Paris—France. Not bad for a kid from Fresno.

Most everyone arrived at Bill's home by car; but *Homer Wood*, as we all might expect, arrived via motorcycle—clad in space helmet and all related gear. Homer is doing exceptionally well with his consulting business, H. J. Wood & Associates.

Fred Llewelyn's busy schedule allowed him to get to Bill's home but not to

the banquet. Fred is still running Forest Lawn.

Later in the afternoon, *Phil Shepherd*, vice president of James, Pond, & Clark Inc.; *Tom Davis*, staff representative for The Boeing Company; *Cliff Downing*, production engineer for General Electric—Ontario, arrived. They were so busy catching up on the drinks, the writer had very little chance to talk to them. At that time *Bruce Elliot* arrived. Bruce has recently taken a new job at Ford Aeronutronic.

Bob Barry, of course, made a grand entrance late in the afternoon. Bob is still doing well with his consulting business, Barry & Associates. He was late because that was his day to count the cash.

Clay Smith was, undoubtedly, the man in the best physical condition. He is chairman of the Department of Geology at New Mexico Institute of Mining and Technology.

Stan Wolfberg arrived with a truckload of suits but couldn't find a buyer. Maybe that's why he is in the consulting business with Cresap, McCormick & Paget.

Free drinks went to the classmate who came the greatest distance. This was our great Class Vice President *Evan Johnson*. Evan had that winning smile and was a great asset to our gathering. He lives in New York as president of the American Messer Company.

At the banquet at Rodger Young Auditorium, more members of the class were evident, including *Sidney Bertram*, *Don Davidson*, *Arthur Downing*, *Art Ellings*, *Nick Ivanoff*, *Sam Keller*, *John McGraw*, *Kneeland Nunan*, *Ed Shanahan*, *Joe Westheimer*, and *Bill Althouse*.

For the Class of '38, the main event at the banquet was the presentation of a Life Membership in the Class of 1938 to *Dr. Donald Clark*. This was in the form of a scroll prepared by the diligent efforts of *Bob Barry*. Bob also made the presentation. Doc was speechless for two reasons: he was pleasantly surprised and he had lost his voice as a result of a cold. However, Doc smiled—and his smile is worth a thousand words.

Of course, after the banquet, the bar was full of '38 class members. Besides some of those previously mentioned, *Peter Goff* was there with his unchanged Australian accent. *Bob Metzner* told us about plans for a business trip to Tokyo in July. This is old stuff for Bob, who is president of Roberts Engineering. Bob makes some parts for his tape recorders in Japan and, therefore, makes several

business trips to the Orient every year.

Also seen at the bar were two of our civil engineering types — *Bill Milburne* and *John Minasian*. Bill is still with Los Angeles City Engineers and has become quite famous through radio and TV news broadcasts. Every time we have a landslide, Bill either gets the credit for what he did or did not do to prevent it. John has been doing some terrific structural engineering jobs, like the Space Needle at the Seattle Fair.

Armand Du Fresne, who always attends Caltech events, is still with Consolidated Electrodynamics. He is now chief product engineer. *Jose Velasquez*, whom we had not seen for some time, is now with Hughes Aircraft as engineering project manager.

We always miss those who could not attend and appreciate the notes from them. *Frank Jewitt*, our class president, sent a telegram expressing his best wishes. Frank lives in New York City as president of the Vitro Corporation.

Jack Johannessen wrote a letter explaining a business trip to Florida would prevent his presence. Jack has recently retired from North American Aviation to devote his full time to property investments.

Boyne Grainger phoned in from Bakersfield to express his best wishes and explain that business prevented his attendance. *August Segelhorst* also sent a note. As chief engineer for Jabsco Pump in Costa Mesa, he is doing well but complains he hasn't made enough to retire. Welcome to the club!

We really hit the jackpot on letters from the *Jack Baker* family. Jack wrote a letter from an offshore drilling platform in the Gulf of Mexico at the Isthmus of Tehuantepec. Jack's wife Dood also wrote a letter from the home base. Jack moved his family to Mexico some time ago so he could take a position as manager and vice president of Baker-Herramientas Petroleras, S.A. This is an affiliate of Baker Oil Tools where Jack has worked since graduation.

Ralph Jones, who played a helpful part in organizing the class reunion, was not able to attend for pleasure reasons. The conflict was a European trip for him and his wife. Unfortunately, he returned the day after the reunion to resume his duties as vice president of Booz, Allen, & Hamilton.

We can all relax now and look forward to the next reunion in 1968. In the meantime, however, your Class Secretary would be happy to hear from you at any time.