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Just compare the simplicity of the flexible shaft control, shown above, with the combination of rods, bevel gears, pulleys and belts that might otherwise be necessary. The savings in parts and costs are obvious. What's more the flexible shaft is less complicated, needs no alignment; is easier to install and gives more freedom in mounting the coupled parts where desired to assure better and more convenient operation.

Many of the problems you'll face in industry will deal with the application of power drive and remote control with cost being an essential factor. That's why it will pay you to become familiar with S.S.White Flexible Shafts, because these "Metal Muscles"® offer important savings in transmitting power or control.

SEND FOR THIS FREE FLEXIBLE SHAFT BOOKLET

Bulletin 5008 contains basic flexible shaft facts and shows how to select and apply flexible shafts. Write for a copy.



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Chapter Notes

CHAPTERS IN San Francisco, Sacramento, Chicago, New York, and Washington, D. C. are now getting under way for their fall activities and new chapters are also being organized at China Lake and Detroit.

The San Francisco Chapter held its annual picnic and swimming party at Bob and Betty Bowman's ranch in Concord on August 30. Bob's new pumping system was christened and the weather was perfect for the event. There were 31 members and wives present.

After the barbecue, Ruth Vesper at the piano was the center of a crowd enjoying group singing and duets by Howard Vesper and Janice Heitz. The traditional poker game started early and ended late.

—R. W. Stenzel

Director in charge of Chapter Activities

Dinner Meetings

THE ALUMNI ASSOCIATION will launch a series of dinner meetings this fall. In all, three have been planned for the year ahead—the first, in October, at the Athenaeum; the second, in January, in the Santa Monica area; and the third, in March, in the Long Beach area. Speakers' topics will be of local, general, or international interest—and will generally be non-technical. The meetings are open to all alumni, but note that wives are not included in this invitation. Dates and speakers will be announced shortly.

Detroit Get-Together

CALTECH ALUMNI in the Detroit area are planning a get-together dinner on October 17 at the Engineering Society of Detroit. Wives are invited, and dinner will be at six p.m. Reservations may be made through Albert Chapman '25, whose address is 26235 W. Warren Street, Garden City, Michigan. The tab will come to \$3.25 per person, and checks should be made payable to the Engineering Society of Detroit. For further information, if you're in the Detroit area, call Al Chapman at Logan 3-4730.

Harold Hill Retires

HAROLD C. HILL retired from the General Electric Company on August 1 after 41 years of service. A retirement dinner, attended by approximately 150 G.E. employees, was held in his honor at the company's Los Angeles offices.

After his graduation from Caltech, Hal was trained in G.E.'s eastern plants, but at the end of World War I

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ALUMNI NEWS . . . CONTINUED

he returned to Los Angeles and was given the assignment of covering the oil industry. Later he was placed in charge of User Sales, and at the time of his retirement was assistant to the industrial manager of the company's Los Angeles office.

Hal was one-third of the first class on the present Caltech campus, and, since graduation, has remained active in work to help the Institute and its students. Until recently he was a member of the board of the Alumni Association.

Presently living in Covina, although a long-time resident of Alhambra and San Marino, Hal is married and has one daughter and two grandchildren. His hobbies—which are going to get a lot more of Hal's attention from now on—include fishing, and growing avocados and camellias. He's a past-president of the Southern California Camellia Association.

Placement Activities

DURING THE YEAR 1951-52, there were 399 jobs filled through the Caltech Placement Office. This figure includes 83 students in part-time work, 191 students in summer jobs, 92 seniors and graduate students in permanent employment, and 33 alumni in new positions. The total number of alumni who applied to the Placement Office for assistance was smaller this year than at any time during the past six years, which probably reflects the great demand for men with engineering and scientific training.

Forty-six percent of all students who applied for part-time work were placed. This figure seems low, but includes requests for spring and Christmas vacation jobs, which aren't plentiful. Some students found employment on their own before referrals could be made, while others were very specialized in their requirements for a job. For part-time work, baby sitters were most in demand, with work in exchange for room and board, gardening, and tutoring following in that order. In summer jobs, the largest number of men (69 percent) were placed in technical work, while 11 percent were employed by government installations.

The number of organizations who sent interviewers to the campus to recruit men receiving degrees increased 38 percent over the previous year. Campus representatives of 132 organizations interviewed 200 men (58 percent of all who received a degree), and offered positions to 79 percent of them. Forty-two percent of that number accepted the offers.

Salaries offered this year are higher than last year. The maximum salary for a man with a B.S. degree was in the field of electrical engineering—about \$520 a month; maximum for the M.S. degree was in physics—\$520; maximum for the Engineer's degree was in mechanical engineering—\$580; and for Ph.D.'s it was in physics—\$750.