An Invitation to Engineering and Physical Science Majors

Lockheed Missile Systems Division is systems manager for such major, long-term projects as the Navy Polaris (IRBM); Air Force Earth Satellite, Q-5, X-7; Army Kingfisher and other important research and development programs. The division was honored at the first National Missile Industry Conference as "the organization that contributed most in the past year to the development of the art of missiles and astronautics.

Headquarters for the Division are located at Sunnyvale, California, on the San Francisco Peninsula. Research and Development facilities are in the Stanford Industrial Park in nearby Palo Alto. Other Division locations are at Van Nuys, Santa Cruz, and Santa Maria, California; Cape Canaveral, Florida; Alamogorda, New Mexico; and Hawaii. Together, they provide complete facilities with the latest scientific and technical equipment, including one of the most advanced computing centers in the nation. Employee benefits are among the best in the industry.

For those who qualify and desire to continue their education, the Employee benefits program is one of the best in the country. Applicants will be interviewed for other regional operating companies in the United States and Canada.

Our representative, Mr. Vincent Iannoli, will be available on campus for interviews on November 13 and 14. For appointment, please see your Placement Director now.

LOCKHEED / Missile Systems Division
Sunnyvale, Palo Alto, Van Nuys, Santa Cruz, Vandenberg AFB, California
Cape Canaveral, Florida Alamogorda, New Mexico

BELL TELEPHONE SYSTEM
Opportunities for Majors in
Physical Sciences • Engineering

Representatives will be on the Campus Wednesday, Thursday and Friday, November 12, 13 and 14, 1958.

BELL TELEPHONE LABORATORIES
Research and development in electrical communications, electronics, microwaves, acoustics, switching systems for the Bell System, and national defense projects.

OPERATING TELEPHONE COMPANIES
(Nov. 13, 14 only)
Engineering, construction, operation and maintenance of communication facilities. The following companies will be represented on the campus:
New England Telephone and Telegraph Company
New York Telephone Company
The Southern New England Telephone Company
Applicants will be interviewed for other regional operating companies in the United States and Canada.

WESTERN ELECTRIC COMPANY (Nov. 13, 14 only)
Manufacturing, purchasing, installation and distribution of equipment and supplies for the Bell System and national defense projects.

SANDIA CORPORATION
Research and development in electronics, mechanics, physics, and mathematics in nuclear weapon ordnance.

Please make arrangements for interviews through your Placement Office.

NEW ENGLAND TELEPHONE AND TELEGRAF COMPANY

Evans Tests Radioactive People; Predicted Maximum Dose High

Professor Robley Evans of the MIT Radioactivity Center received a mine able turnover to his cell for radioactive people. Among those who responded to the advertisement placed on the first page of the New York Times were two who had drunk many ounces of the unusual "safe dose" of radium. One, a m/team, drank a radium tonic to pep him up when he felt run down. As was common practice at the time, his doctor did not oppose using the tonic and allowed him to drink it. His bought 100 bottles of tonic; but luckily was not able to buy more because the manufacturing company went out of business. Now, thirty years later, when he was tested for radioactivity by Professor Evans, he was still found to possess seven times the normal "safe dose" for man.

1900 Times Safe Dose

Another case, a businessman, took tonic forty years ago but stopped the treatment when it gave him no relief. Later his joints began to creak and his bones showed old deposits. Professor Evans found twenty-five times the normal "safe amount" still in his body and figures that he originally consumed 2000 times the safe dose. Those two people were especially fortunate in surviving without mishap because other tonic drinkers lost limbs or even their lives as a result of the effects of the tonic. Those who did survive, however, are in good health now and none of them have leukemia.

Standard May Be Too Low

Dr. Evans perhaps was oversensitive in 1941 when he set the "maximum permissible body burden" of radium at one ten millionth of a gram. All subsequent radioactivity data have been based on the 1941 standard which maybe was too low. If this is the case, much of the recent scare about fallout can be ignored.

SPORTSTER

Shell—Highly mercerized all-cotton sanforized Giatneau gabardine.

Lining—Deep woven Oshen pile by Timme.

Collar—Heavy Orlon pile by Timme, zipper closure to top; also with detachable button-on hood.

Features— Washable
• Sleeves tabs
• Two-way zipper
• Knitted inner wind cuffs
• Two lower hacking pockets with flaps, and two upper muff pockets
• Open bottom