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Robert A. McIntyre, M.S. '38 LOgan 5-5329
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ALUMNI NEWS

National Academy Members

THREE CALTECH ALUMNI were among the 29 American scientists elected to membership in the National Academy of Sciences at its annual meeting last month—William Shockley, '32, William G. Young, Ph.D. '29, and H. P. Robertson, Ph.D., '25. (See page 26).

William Shockley has been a member of the technical staff at the Bell Telephone Laboratories since 1936, where he has been a research physicist since 1945. His work has been in the field of physical research, specializing in thermionic emission, application of quantum mechanics to the theory of solids and the applied physics of vacuum tubes.

During World War II he developed training facilities and methods for the improvement of radar bombardment and conducted specialized operational research and analysis of military problems. He received the Medal for Merit in 1946.

Since the war he has led a group doing research on the fundamental physics of solids. Out of this work has come the invention of the transistor, which promises to rival the vacuum tube in its many and varied uses in electrical circuits.

William Gould Young held a National Research Fellowship at Stanford University in 1929-30, then joined the faculty at UCLA, where he has been Dean of the Division of Physical Science since 1946. In the field of research he is best known for his work on allylic rearrangements. He has also carried out research on polyenes, stereoisomerism, plant pigments, carbohydrates, organometallic compounds and oxidation.

McMillan's Award

EDWIN M. McMILLAN, B.S. '28, M.S. '29, University of California Professor of Physics has been selected to receive the 1950 Research Corp. Scientific Award for his researches in nuclear physics.

Dr. McMillan is a co-discoverer of neptunium, first of the transuranium elements, and of plutonium, which is so important in the atomic bomb and in the potential development of atomic energy.

In 1945 he developed independently the "theory of phase stability," which has led to the development of multi-billion-volt atom smashers like the synchrotron, synchrocyclotron and bevatron.

Alumnus of the Year

WE NOTE WITH PRIDE that Kenneth S. Pitzer, research director of the U. S. Atomic Energy Commission, was honored by the alumni of the University of California

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PLANNED LIGHTING FOR ALL

COMMERCIAL, INSTITUTIONAL AND

INDUSTRIAL INSTALLATIONS

OFFICES IN PRINCIPAL WESTERN CITIES - BRANCH AND WAREHOUSE IN SAN FRANCISCO

ALUMNI NEWS . . . CONTINUED

with "The Alumnus of the Year" award at Cal's 83rd annual charter day banquet recently.

Ken received his Ph.D. from Cal in 1937 but we think it might be pointed out that Tech deserves a little credit too. Ken Pitzer got his B.S. here in 1935.

Annual Meeting

THE ANNUAL MEETING of the Alumni Association will be held at the Los Angeles Athletic Club on June 6. Dinner at 6:30. Speaker of the evening will be Dr. Gordon P. Larson, Director of the Los Angeles County Air Pollution Control District.

Eight classes will hold their reunions this year—1946, 1941, 1936, 1931, 1926, 1921, 1916 and 1911.

Family Picnic

THE ALUMNI ASSOCIATION'S Family Picnic is coming up on Sunday May 20. It's being held at Munz Lakes Resort in the Angeles National Forest near Palmdale—and by this time everyone should have received a map in the mail, showing how to get there. The tariff is only \$1.75 per family, which not only includes all the recreational facilities of the resort, but beer and soda pop too.

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