

mately seventeen thousand amputations in the Army, but during that same period there were over 120,000 major amputations from disease and accidents among our civilian population. Each year over 350,000 Americans become permanently disabled by accident alone."

That physically handicapped persons are anything but human wreckage was decisively demonstrated during the war, the speaker indicated. Then, because of manpower shortage, many thousands of them got jobs that had previously been denied them. They showed themselves competent, and had a lower absentee record than that of their more fortunate brethren at the same benches.

Dr. Rusk called for a comprehensive program of rehabilitation for handicapped civilians:

"Funds and authority for bringing comparable opportunity to America's civilian handicapped are available, but there are not sufficient facilities with trained personnel, experience and equipment to do the actual work.

"Preventive medicine and curative medicine and surgery have made great advances. The third phase of medical care—rehabilitation and convalescence care—must be expanded to bridge the gap now existent from the bed to the job and normal activity."

Science News Letter, May 4, 1946

GENERAL SCIENCE

Science-Government Cooperation Praised

► HERE'S ANOTHER great war-science achievement that ranks with the atomic bomb and the proximity fuze:

"A working relationship between central government and highly qualified scientific and technical people" which makes possible the discoveries.

This wartime cooperation must con-

tinue for the development of science in peacetime, Dr. M. L. Tuve, head of the department of terrestrial magnetism of the Carnegie Institution of Washington and former director of one section of the proximity fuze project, told the National Academy of Sciences meeting.

Describing the organization that produced the fuze, termed America's No. 2 secret weapon, Dr. Tuve declared that the important thing we learned during the war is the need during peace for this mechanism.

Far more than our military establishments is involved, Dr. Tuve said. The Office of Scientific Research and Development contract program, he cited, showed how specifically qualified individuals as a whole participate effectively in decisions and actions of the national government without losing their diversity of status and viewpoint as members of the general civilian community outside of the government.

Science News Letter, May 4, 1946

GENERAL SCIENCE

Atomic Scientists Among Guggenheim Winners

► FIVE ATOMIC scientists are among the 132 persons receiving fellowship awards totalling \$360,000, the John Simon Guggenheim Memorial Foundation has announced.

Japanese-born Dr. Shuichi Kusaka, a U. S. Army pfc., is one of the winners. Dr. Kusaka plans to work with Dr. J. Robert Oppenheimer at the California Institute of Technology and with Dr. Wolfgang Pauli of the Institute for Advanced Study, Princeton, N. J.

Other atomic scientists receiving Guggenheim Fellowships are Dr. William George McMillan, Jr., Institute of Atomic Physics, University of Chicago, who worked on the Manhattan District; Dr. Robert L. Platzman, Metallurgical Laboratory, University of Chicago, who plans to work with Prof. Niels Bohr at the University of Copenhagen, Copenhagen, Denmark; Dr. James Alfred Van Allen, research physicist at Johns Hopkins University, who will go to the University of California, Berkeley, Calif.; and Dr. Wayne Eskett Hazen, University of California.

Dr. Hazen will make a study of cosmic rays at extremely high altitudes in unmanned balloon flights and in high altitude airplane flights, the Foundation reported.

Forty-one other scientists are among the fellowship winners.

Science News Letter, May 4, 1946

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