



**AAAS WINNERS**—Dr. Quentin M. Geiman and Dr. Ralph McKee (top), department of biochemistry, Harvard Medical School shared in \$1,000 prize of the AAAS meeting with Prof. T. M. Sonneborn and Ruth V. Dippell, research associate, both of Indiana University. The winning papers were, respectively, "Cultural Studies on the Nutrition of Malarial Parasites" and "Paramecin 51." (See SNL, Jan. 11, 1947.) *Chemical and Engineering News* photographs.

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ticians in the operation of the many new computing machines now building, lest the construction of the machines outrun the supply of operators trained to use them.

This call was seconded by Prof. Aiken, who stated that a university was for the building of men, not machines, and that the number of young men now trained

in the field was far too small. He expressed his intent to initiate courses in the fall in applied mathematics with a strong flavor of computing machines.

The snowballing of interest in automatic digital computing machines is vividly demonstrated by their history. Before the war, only the Bell Laboratories Relay Computer was in existence. In 1944, the IBM-Harvard automatic sequence controlled calculator was put

into operation. In 1945, the electronic numerical integrator and computer, called "Eniac," was unveiled at the University of Pennsylvania. Now there are about a dozen projects planned or under-way.

The Navy, through the Office of Naval Research, plans to establish institutes for numerical analysis, one on the east and one on the west coast, it was announced by A. T. Waterman, speaking for ONR. These centers, which will use the latest machines, will be placed near large cooperating universities and will encourage outside scientists to become temporary staff members.

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