

ARTICLES

OBJECTIVES—SEMINAR ON MOSQUITO-BORNE DISEASES—
PAST, PRESENT, AND FUTURE¹

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This is the first Seminar on Mosquito-Borne Diseases jointly sponsored by the American Mosquito Control Association and the U. S. Public Health Service. It is fitting that it should be held here at the Communicable Disease Center, because our two organizations have been working together for about a quarter of a century—since 1942, the year that saw the beginning of the AMCA and of CDC's parent organization. The latter, known as Malaria Control in War Areas, or MCWA, was inaugurated here in Atlanta by some of the men who are speakers on the present program.

We hope that by the end of this Seminar you will have a better appreciation of—

1. The tremendous importance of mosquito-borne diseases: malaria, yellow fever, dengue, filariasis, and the various types of mosquito-borne encephalitis,

throughout the world, in times of war and peace, in the past and present, and for many years to come.

2. The solid accomplishments that have been made already in working out the natural history of these diseases, the weak spots in their chains of transmission, and the very real progress that has been made in controlling or eradicating these diseases in many parts of the world. Much of this work has been accomplished by members of both sponsoring organizations and will be reported to you first hand by our speakers who have devoted their life work to this end.

3. The problems in the future compounded by an exploding world population, vast irrigation projects which provide millions of acres of new breeding places for vector mosquitoes each year, insecticide resistance in mosquitoes and drug resistance in parasites—and the future prospects based on new research and an integrated program of control or eradication utilizing the many and varied talents in the entire public health team.

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From the papers which were given at the Seminar, the eight articles which follow, ending with the Summary by K. D. Quarterman, were submitted for publication in Mosquito News.