

Bacteriology and Sanitation:

From the History and Archives Collection

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In the collection of the Delaware Academy of Medicine, we have a book “Bacteriology and Sanitation,” copyright 1909 (see Figure 1a, Figure 1b). Science was able to assess the presence of malaria infected mosquitos, and prescribe a course of action – proper paving and drainage (see Figure 2) – to remedy the spread of malaria. This is an excellent example of the preventive intersection of planning and public health, with a clear health benefit.

Figure 1a. Bacteriology and Sanitation, 1909

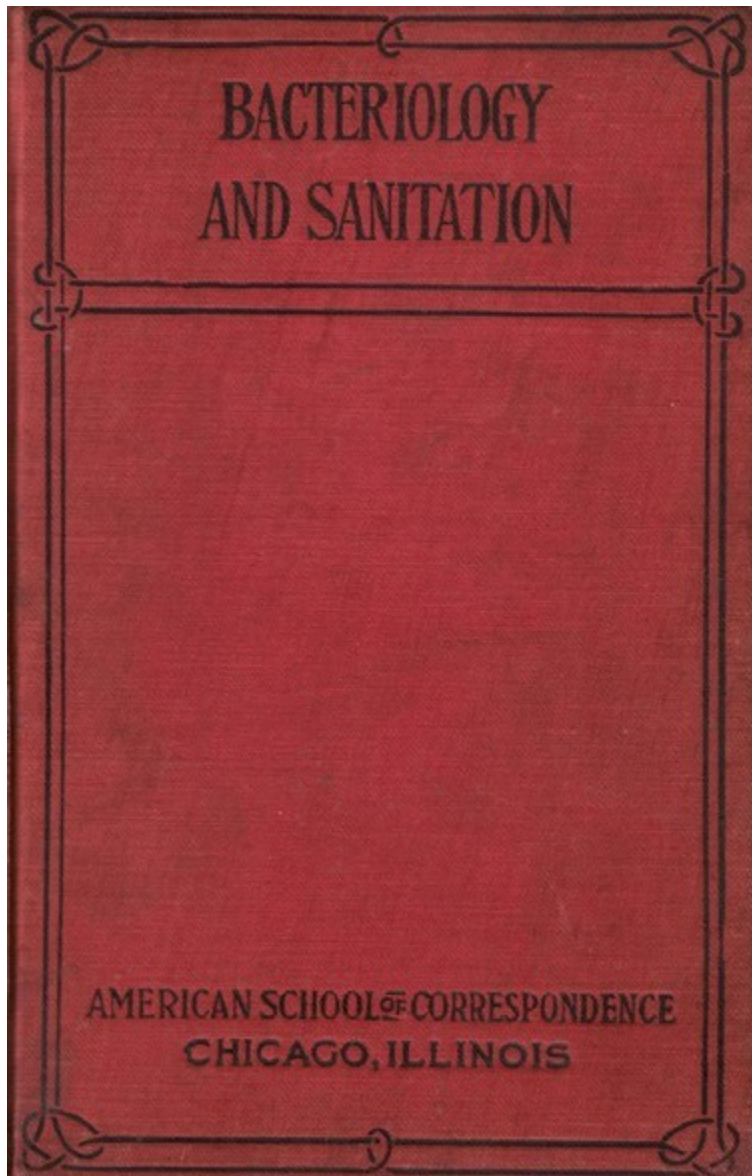


Figure 1b. Inside Cover, Bacteriology and Sanitation, 1909

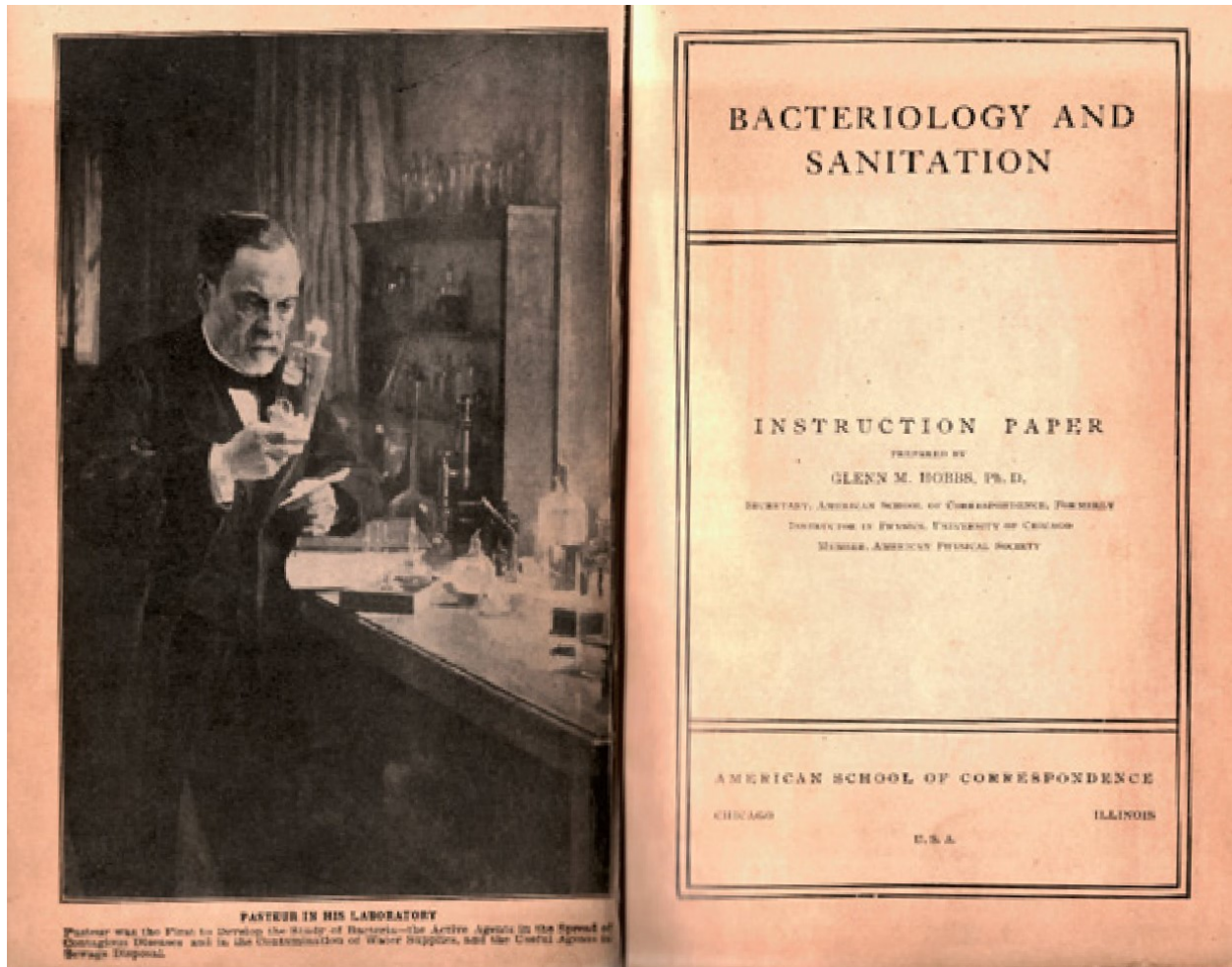


Figure 2. Paving and Drainage methods to decrease malaria transmission



Fig. 33. View of Bottle Alley, Colon, September, 1906. These standing pools are the breeding places for the malaria infected mosquito.



Fig. 34. View of Bottle Alley, Colon, June, 1907, Showing Proper Paving and Drainage Methods in the Canal Zone.

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