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Spring 1982 7

The Board of Overseers

As an indication of Helen's unceasing activity since graduating from veterinary school, she was involved with the publication of twenty papers before leaving Australia, and now has eight papers in preparation. One of her research efforts is a study of swine tuberculosis. This is funded by the Pennsylvania Department of Agriculture, and is being conducted in cooperation with Dr. Robert Whitley, who has been involved in the investigation of when swine producers in Pennsylvania became alarmed about the high incidence of carcass condemnations due to tubercular lesions. The study has two main objectives. One involves the experimental production of tuberculosis in order to assess the severity of lesions in various organs, and to obtain better information about age susceptibility. The other aspect involves the study of swine tuberculosis disease in birds, and to obtain better information about age susceptibility. The other aspect involves further studies to determine under what husbandry conditions tuberculosis is most likely to occur. Swine tuberculosis is due to infection by the organism, Mycobacterium avium. Several serotypes of this bacterium cause tuberculosis in birds, but on many pig farms evidence of transmission from birds to pigs cannot be found. The problem of diagnosis of swine tuberculosis also needs attention. Young tubercular pigs react reasonably consistently to the tuberculin test, but in older animals the test is less reliable. For this reason, work is underway to develop an ELISA test.

In her other research project, Dr. Acland is working with Dr. Robert Kenney of the section of nutrition at New Bolton Center on contagious equine metritis. In this study mares are experimentally infected and the distribution of the organism in infected mares and its sites of persistence are being studied. Lesions in mares are examined in detail. Dr. Acland states that one of the things that she enjoys at New Bolton Center is the opportunity to engage in cooperative research with individuals in other disciplines.

In addition to her research, Dr. Acland has teaching responsibilities for courses in large animal necropsy and large animal pathology for veterinary students. She is also involved in the graduate teaching of four veterinarians who are taking residency training in pathology, and has recently begun to teach fish histology in an elective course.

Dr. Acland states that she has probably traveled more in the United States than she ever did in her native country. Most of the travel has been to attend meetings, and she has enjoyed every bit of it. The Aclands live in Kennett Square, PA with their three children—two boys and a girl. They like the area, and are especially impressed with the friendliness of the people.

Stay away from minibikes, Helen!