the type of farming dominant in the respective locale. These research centers include the Tobacco Research Farm near Upper Marlboro (Prince George's County), the Sharpsburg Research and Education Center for ornamental fruit research (Washington County), the Agronomy-Dairy Forage Farm near Ellicott City (Howard County), the Horse Research Center near Jessup (Howard County), and the Beef Research Center at Springfield (Carroll County). Research on vegetables, corn, soybeans, and other field crops is conducted at the Wye Research and Education Center in Queen Anne's County, the Poplar Hill Research Farm, the Salisbury Research Substation in Wicomico County, and the University's College Park and Eastern Shore campuses. Broiler production research is also conducted at the Salisbury Research Substation.

In 1982, the University and the Maryland Agricultural Experiment Station initiated the Center for Advanced Agricultural Concepts at the Wye Research and Education Center. This program stresses a multi-disciplinary approach to research and concentrates on bringing a combination of resources to bear on the challenges to agriculture. The program includes six major research areas: 1) integrated pest management; 2) cattle breeding and genetics; 3) plant breeding and genetics; 4) energy development, use, and conservation; 5) quality of life studies; and 6) interaction of land and water. The Center for Advanced Agricultural Concepts seeks as one of its major goals the rapid dissemination of important research information to agricultural leaders, scientists, scholars, and the general public.

COOPERATIVE EXTENSION SERVICE

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The University of Maryland Cooperative Extension Service was established by federal and State laws in 1914 (Chapter 247, Acts of 1914). It is supported by federal, State, and county funds. The Cooperative Extension Service is noted for its programs in agriculture, home economics, 4–H and youth, energy and marine sciences, and community and resource development.

In its role as the "off-campus out-of-classroom" arm of the University of Maryland, the Extension Service uses a number of different methods to provide educational programs, including personal

consultations, direct mail, publications, radio, television, workshops, institutes, and short courses. Extension Service offices and staff in all twenty-three Maryland counties and Baltimore City bring the University of Maryland near to the people it serves.

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The University of Maryland Center for Environmental and Estuarine Studies was established by the Board of Regents in 1970. The Center, in cooperation with the University campuses, conducts studies of environmental problems important to the State of Maryland. The program includes research in fields that have environmental significance; direct service to State agencies and to the public; technical education; and, in collaboration with the campuses, instruction at the graduate level through the University-wide Marine-Estuarine-Environmental Sciences Program.

The Center has administrative offices and facilities at the Horn Point Environmental Laboratories on a 721–acre site by the Choptank River near Cambridge. This property was originally given to the City of Cambridge by the late Francis P.