

and is broadening its programs to better serve more people. This has meant adjusting resources to give more attention to such concerns as farm management, marketing, safety, waste disposal, pollution abatement, land use, human development, consumer competence, money management, low income programs in nutrition and health, work with the aging, the handicapped, and disadvantaged and urban youth.

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.

One of the strengths of the Extension Service is its uniquely effective system of educational resources information. Offices and staffs in all twenty-three Maryland counties and Baltimore City bring the University of Maryland close to the people. Field staffs rely on campus extension specialists to provide up-to-date, meaningful information. State administrative offices and most specialists are on the University's College Park Campus (UMCP). There is now federal funding for the University of Maryland Eastern Shore (UMES) component of Cooperative Extension. UMES carries special responsibility in Cooperative Extension for programs relating to small and part-time farmers, housing education, the Spanish-speaking population, and youth programs for new and previously unreached clientele.

## AGRICULTURAL EXPERIMENT STATION

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The Maryland Agricultural Experiment Station was established following passage of the federal Hatch Act in 1887. The Act made available to the states grants-in-aid for the conduct of research pertaining to agriculture. Now both State and federal funds support these activities. Administrative headquarters are located on the College Park Campus, as well as laboratories for research in the animal and plant sciences, agricultural engineering, agricultural and resource economics, rural sociology, and home and consumer economics. Provisions are made for maintenance of experimental herds, flocks, field and tree plots, and for investigations of soils and insect and disease control (Chapter 55, Acts of 1888, as amended).

Research is conducted at eleven locations throughout the State, with particular attention to

the type of farming dominant in the respective locations. These include the Plant Research Farm near Fairland in Montgomery County, the Tobacco Research Farm near Upper Marlboro in Prince George's County, and ornamental fruit research at the Sharpsburg Research Center in Washington County, the Agronomy-Dairy Forage Farm near Ellicott City, the Horse Research Center near Jessup in Howard County, and the Beef Research Center at Springfield in 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-discipline 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.

The U. S. Department of Agriculture supports agricultural research at both the College Park and Eastern Shore Campuses. Farms and facilities for research are available to faculty on both of these campuses.

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