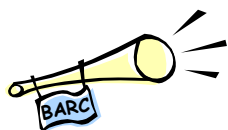




June 2005

BARC is part of the USDA's Agricultural Research Service and encompasses programs at the Beltsville Agricultural Research Center; the U.S. National Arboretum in Washington, D.C.; and worksites in Chatsworth, New Jersey; Presque Isle, Maine; and McMinnville, Tennessee. BARC is the largest and most diversified agricultural research complex in the world. BARC's record of accomplishments and its ongoing programs have made it a world leader in agricultural research.

Community Interest



Blowing Our Own Horn!

Dr. Robert Davis, Research Leader of the Molecular Plant Pathology Lab, Plant Sciences Institute, was elected to the **National Academy of Sciences** (NAS) in May 2005. Election to membership in NAS is considered one of the highest honors that can be accorded a U.S. scientist or engineer. Membership recognizes those who have made distinguished and continuing achievements in original research. Visit NAS at www.nasonline.org.



Dr. Davis (left) with ARS Administrator, Dr. Edward Knipling

PUBLIC FIELD DAY



BARC's 2005 **Public Field Day** was held on Saturday, June 4. The event was exceptionally well-attended (approximately 4,500 visitors), and the interactive exhibits were a delight for all!

FACT!

Our Composting Research Facility produces over 10,000 cubic yards of compost annually from our organic residues. Compost is used in BARC's land nutrient management plan and for research.

FACT!

18% of 100 Senior Scientists at BARC ranked within the top 1% of the most cited authors in their scientific fields, worldwide!

News Flash...News Flash...News Flash

NatureServe, a non-profit conservation organization, received funding from the Anacostia Watershed Foundation to perform a plant biodiversity inventory of BARC. Essentially, all of BARC's 6,800 acres are within the Anacostia Watershed. Visit NatureServe at www.natureserve.org.



BARC is working with the Prince George's County Department of Public Works and Transportation to include **Low Impact Development (LID)** concepts for storm water runoff management. This will be in conjunction with the upgrading of Sellman Road and Cherry Hill Road. For more information about LID, visit the Low Impact Development Center at www.lowimpactdevelopment.org.

BARC HOSTED WORKSHOP ON BIO-BASED PRODUCTS IN GREEN BUILDING

The **Use of Bio-based Products in Green Building Construction** was held on June 10, 2005 at BARC. This workshop was convened by the Maryland Energy Administration (MEA), and it brought together individuals in the building trades with those from the bio-based products industry for a successful exchange of ideas and information. You can visit the MEA at www.energy.state.md.us.



On the Research Side...

BARC ENTOMOLOGIST TO ORGANIZE AND HOST UPCOMING INTERNATIONAL ECOLOGY MEETING



On July 23-27, 2005, Dr. Jeffrey Aldrich, Chemicals Affecting Insect Behavior Laboratory, Plant Sciences Institute, will host the 21st Annual Meeting of the International Society of Chemical Ecology (ISCE) in Washington, DC. Aldrich is organizing the meeting around four symposia: Mosquitoes, Semiochemistry, Insect-Plant Interactions, and Marine Biology. Visit the ISCE at www.chemecol.org.

For current events and programs at the US National Arboretum, please visit www.usna.usda.gov/Education/events

BARC SCIENTIST REPRESENTED USDA AT INTERNATIONAL ANIMAL CLONING MEETING

On June 9-10, 2005, Dr. Robert Wall, Animal Physiologist, Biotechnology and Germplasm Laboratory, Animal and Natural Resources Institute, represented USDA at an invitation-only meeting on **Animal Cloning: Technology, Applications, and Ethics** in Seville, Spain. The meeting was sponsored by the Danish Centre for Bioethics and Risk Assessment, Copenhagen, Denmark, and the European Commission Institute for Prospective Technological Studies (IPTS) Unit on Sustainability in Agriculture, Food, and Health. Workshop attendees included policymakers, scientists, legal experts, and industry representatives, primarily from Europe. Wall is the leading U.S. expert on livestock cloning. IPTS is based in Seville.

Mark Your Calendar!

October 5, 2005 – BARC Chesapeake Bay Day. BARC research that impacts the health of the Bay will be the focal point. The EPA Chesapeake Bay Program and the Mid-Atlantic Water Quality Program will also be highlighted.



... and coming in **March 2006** – Workshop on Applied Spatial Statistics Methods at BARC. Applied statisticians from BARC, the Fish & Wildlife Service, and the U.S. Geological Survey are planning a 2-day workshop on the **Application of Spatial Statistical Methods to Agricultural and Environmental Research**. The target audience will consist of agricultural and environmental researchers and will expose attendees to the techniques for and the benefits of including models of spatial processes in their analyses.

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