



## **2007 FLC Award Winners**

# **Awards for Excellence in Technology Transfer**

## **US Department of Agriculture**

### **Agricultural Research Service, Agricultural Systems Research Unit**

RZWQM2-Model for Evaluating, Managing, and Improving Water Quality from Agriculture

### **Agricultural Research Service, Bee Research Laboratory**

New Antibiotic to Control American Foulbrood Disease of Honey Bees

### **Agricultural Research Service, Midwest Area**

Soybean Protein-based Foamed Plywood Glues

### **Agricultural Research Service, North Atlantic Area, Plum Island Animal Disease Center**

“Humane Device for Bleeding Mice”

### **Agricultural Research Service, Poultry Production and Product Safety Research Unit, University of Arkansas**

Novel Technology to Reduce Human Food Borne Pathogens in Poultry

### **Agricultural Research Service, Research Education & Economics, Mid South Area**

Intermediate-temperature and Hot Lime Clarification Processes for Sugar Processing

## **Department of Defense – US Army**

### **US Army Engineer Research and Development Center, Construction Engineering Research Laboratory**

ARMS – A Handheld Device and Software System for the Rapid Capture and Management of Data

### **US Army Research Development and Engineering Command, Natick Soldier Center**

Portable Chemical Sterilizer: Electricity-free Microbial Decontamination Using Green Chemistry

# Awards for Excellence in Technology Transfer

## Department of Defense – US Navy

### Naval Aerospace Medical Research Laboratory

“Compact Portable, Reduced Oxygen Breathing Device (ROBD) for Hypoxia Training

### Naval Undersea Warfare Center Division, Newport

BLUE ROSE Fiber Optic Perimeter Security and Detection System

## Department of Energy

### Argonne National Laboratory

Powertrain System Analysis Toolkit (PSAT)

### Idaho National Laboratory

Compact High Efficiency Natural Gas Liquefier

### Los Alamos National Laboratory

MESA: Measuring Enzyme-Substrate Affinities

### National Energy Technology Laboratory

Advanced Process Engineering Co-simulator (APECS)

### Oak Ridge National Laboratory

Hybrid Solar Lighting

### Pacific Northwest National Laboratory

Grid Friendly™ Appliance Controller for Grid Frequency Monitoring and Stabilization

### Pacific Northwest National Laboratory

The Morning Report: Advanced Proactive Safety and System Monitoring

### Sandia National Laboratories

Advent Solar’s Breakthrough Back-Contact Photovoltaic Cell Design and Fabrication Process

# **Awards for Excellence in Technology Transfer**

## **Department of Energy (cont.)**

### **Sandia National Laboratories**

Jess® - the Rule Engine for the Java™ Platform

### **Sandia National Laboratories**

Novint's 3D Haptic Technology Software Adds Interactive Touch to Computing

## **Department of Health and Human Services**

### **Centers for Disease Control and Prevention**

Aerosol Vaccination Device

### **Centers for Disease Control and Prevention, National Center for Infectious Diseases**

Assay for Detection of Avian Influenza Viruses

### **National Cancer Institute, National Institutes of Health**

Gardasil™: A New Era in Cancer Prevention

## **Department of Transportation**

### **John A. Volpe National Transportation Systems Center**

Development of Crash Energy Management Passenger Rail Equipment

# **Laboratory Director of the Year**

## **Department of Agriculture**

**Dr. David Swayne**

US Department of Agriculture, Agricultural Research Service,  
South Atlantic Area, Southeast Poultry Research Laboratory

## **Department of Defense - Army**

**Joseph (Jim) Zarzycki**

US Army Edgewood Chemical Biological Center

## **Department of Energy**

**Carl Bauer**

National Energy Technology Laboratory

# **FLC Service Awards**

## **Harold Metcalf Award**

**Larry Dickens** (posthumous)  
Y-12 National Security Complex

## **Representative of the Year**

**Donald Nordlund**  
US Department of Agriculture, Agricultural Research Service,  
Office of Technology Transfer

## **Outstanding Service Award**

**Roy Keller**  
Louisiana Business and Technology Center