

**FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT
SCIENTIFIC ADVISORY PANEL**

July 17-20, 2018

FIFRA SAP Website <https://www.epa.gov/sap>

Docket <https://www.regulations.gov>

Docket No. EPA-HQ-OPP-2017-0617

**Rosslyn Ballroom, Holiday Inn Rosslyn
At Key Bridge
1900 North Fort Myer Drive
Arlington, Virginia 22209**

**Resistance in Lepidopteran Pests to *Bacillus thuringiensis* (Bt) Plant Incorporated
Protectants (PIPs) in The United States: EPA's Analysis of Scientific Uncertainties Related
to Resistance Management and Options to Enhance the Current
Insect Resistance Management (IRM) Program**

Panel Member Roster

FIFRA SAP Chair

Robert E. Chapin, Ph.D.

Former Senior Research Fellow (**Retired**)
Pfizer Global Research and Development
Groton, Connecticut

Designated Federal Official

Tamue L. Gibson, M.S.

Biologist and Designated Federal Official
FIFRA Scientific Advisory Panel
Office of Science Coordination and Policy
U.S. Environmental Protection Agency
Washington, District of Columbia
(202) 564-7642
gibson.tamue@epa.gov

FIFRA Scientific Advisory Panel Members

Sonya K. Sobrian, Ph.D.

Associate Professor
Department of Pharmacology
Howard University College of Medicine
Howard University
Washington, District of Columbia

Clifford P. Weisel, Ph.D.

Professor
Rutgers University
Piscataway, New Jersey

Raymond S.H. Yang, Ph.D.

Professor (Emeritus),
College of Veterinary Medicine and Biomedical Sciences
Colorado State University
Fort Collins, Colorado

FQPA Science Review Board Members

Charles T. Allen, Ph.D.

Professor
Extension Entomologist and Integrated Pest Management (IPM) Coordinator
Texas A&M University
College Station, Texas

Zachary S. Brown, Ph.D.

Assistant Professor
North Carolina State University
Raleigh, North Carolina

David E. Ervin, Ph.D.

Professor Emeritus of Environmental Management and Economics
Portland State University
Portland, Oregon

Jeffrey A. Fabrick, Ph.D.

Research Entomologist
United States Department of Agriculture
Agricultural Research Service
U.S. Arid Land Agricultural Research Center
Maricopa, Arizona

Richard L. Hellmich, Ph.D.

Research Entomologist,
United States Department of Agriculture
Agricultural Research Service
Corn Insects and Crop Genetics Research Unit
Ames, Iowa

David A. Hennessy, Ph.D.

Professor
Agricultural, Food, and Resource Economics, Department
Michigan State University
East Lansing, Michigan

Anthony R. Ives, Ph.D.

Professor
Biological Sciences
University of Wisconsin-Madison
Madison, Wisconsin

Billy Rogers Leonard, Ph.D.

Associate Vice President
Plants, Soils and Agricultural Water Resources
Louisiana State University (LSU) AgCenter
Baton Rouge, Louisiana

Robert L. Meagher, Jr., Ph.D.

Research Entomologist
United States Department of Agriculture
Agricultural Research Service
Center for Medical, Agricultural, and Veterinary Entomology
Gainesville, Florida

Xinzhi Ni, Ph.D.

United States Department of Agriculture
Agricultural Research Service
Crop Genetics and Breeding Research Unit
Tifton, Georgia

Silvana V. Paula-Moraes, Ph.D.

Assistant Professor
University of Florida
Gainesville, Florida

Omaththage P. Perera, Ph.D.

Research Entomologist
United States Department of Agriculture
Agricultural Research Service
Stoneville, Mississippi

Julie A. Peterson, Ph.D.

Assistant Professor and Extension Specialist
University of Nebraska-Lincoln
Lincoln, Nebraska

Richard T. Roush, Ph.D.

Dean and Professor
College of Agricultural Sciences
The Pennsylvania State University
State College, Pennsylvania

Rick Welsh, Ph.D.

Chair
Department of Public Health, Food Studies & Nutrition
Syracuse University
Syracuse, New York