

25th PESTICIDE RESIDUE WORKSHOP

WELCOME TO THE 25TH ANNUAL PESTICIDE RESIDUE WORKSHOP! As usual, you will benefit from top-quality technical presentations in a relaxed, informal and friendly atmosphere. This year we will have a very diversified program.

There may be an interest in expanding our meeting to cover other areas such as, animal drugs in feed and food, aflatoxins, etc. We will discuss any ideas you may have during the meeting.

I would like to thank all the speakers taking part in the program and encourage all attendees to take advantage of the program and participate in the discussions.

Your family will enjoy the beautiful beach and many attractions in the vicinity. Please let us know if we can be of any assistance.

Sincerely,

George

W. George Fong

25th ANNUAL

PESTICIDE RESIDUE WORKSHOP

JULY 17-20, 1988

SPONSORED BY

FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES

COCOA BEACH HILTON AND TOWERS

COCOA BEACH, FLORIDA

The exhibitors are very "instrumental" in the success of our Annual Pesticide Residue Workshops. Many of them are sponsoring, or have sponsored, the coffee breaks. We appreciate their continued interest and support!

The exhibitors will be available throughout the workshop. Please be sure to stop and visit each of the exhibitions. The exhibitors are willing to present and discuss each of their areas of expertise.

Sunday / July 17, 1988 / Afternoon

4:00 - 6:00 Registration in the Foyer

Meetings and Instrument Displays are to be held in the GRAND BALLROOM

Monday / July 18, 1988 / Morning

7:30 - 8:30	Registration
8:30 - 9:00	Introduction, Announcements and Remarks - George Fong
9:00 - 9:15	Mississippi Pesticide Residue Activities for 1987-88 - Rubel Cowart
9:15 - 9:30	Pesticide Residue Happenings in Georgia - James B. McKinney
9:30 - 9:40	North Carolina Pesticide Residue Report - Ralph L. Denning
9:40 - 9:55	AOAC Update - Rita Bahner
9:55 - 10:00	Southeast AOAC Update - Gail Parker
10:00 - 10:30	BREAK Refreshments - Courtesy of Bio-Rad, Digilab Division

VISIT INSTRUMENT DISPLAY

2:35 - 2:50 Chemical Residues Associated with Packinghouse Washwater - **Dr. Carl D. Pfaffenberger**

2:50 - 3:05 The Southern States Check Sample (SSCS) Program: History, Scope, Goals - **Gail Parker**

3:05 - 4:00 Southern State Check Sample Program Meeting **(A meeting for Check Sample Program participants only).** Check Sample Committee Members: Gail Parker - Chairperson
Dr. Larry Lane
John Pardue
Wayne Pask

6:00 - 7:00 **Get Acquainted Party - Compliments of Cocoa Beach Hilton and Towers**

Tuesday / July 19, 1988 / Morning

7:30 - 8:00 **Registration**

8:00 - 8:30 The Electrolytic Conductivity Detector - Past, Present and Future - **Dr. Randy Hall**, Keynote Speaker

8:30 - 8:45 Response of the Hall Detector to Fatty Acids - **Albert S. Brown, Jr.**

8:45 - 9:05 Comparison of NPD vs. a New Nitrogen Specific Detector- Chemiluminescence - **Lamar Hendricks**

BROMINATED COMPOUND CK FOR PERFORMANCE OF N. REACTION TUBE
TEFLON TUBE
GO-BAD-REDUCE RESPONSE

Wednesday / July 20, 1988 / Morning

8:00 - 8:15	Accreditation of Laboratories for Pesticide Residue Analysis - **Bryan Wakeford**
8:15 - 8:35	Regulatory Enforcement Method for the Determination of Alachlor Residues in Raw Agricultural Commodities - **Dr. Amy G. Hackett**
8:35 - 8:45	A Quick Unofficial Method for Screening Residues of Carbofuran in Milk - **Allie Williams**
8:45 - 9:00	Analysis of Esfenvalerate Residues in Brassica Crop - **Dr. Lori O. Lim**
9:00 - 9:20	HPLC Determination of Cyromazine and Melamine in Fresh and Canned Tomatoes - **Michael J. Page**
9:20 - 9:40	Combined IC and HPLC Determination of Phenoxy Acid Herbicides, Glyphosate and Paraquat/Diquat - **Robert J. Joyce**
9:40 - 9:55	The Use of SPE in the Extraction and Clean-Up of Acid Herbicides in Vegetation - **Stephen C. Dacus**
9:55 - 10:30	**BREAK** **Refreshments - Courtesy of Analytical Biochemistry Laboratories, Inc.**

10:30 - 10:45	Sample Preparation and Clean-Up of Tobacco for Organochlorine, Organophosphate and Phenoxy-Acid Herbicide Residues - **Robert Reeves**
10:45 - 11:15	2,4-D by HPLC with Diode Array Detection. Diquat Update - **Larry Lagman**
11:15 - 11:30	Paraquat and Diquat Using Microcolumn Solid/Liquid Extraction - **Dr. Verne A. Simon**
11:30 - 11:50	Indiana State Report: Pesticide Recovery Through a Solid Phase Extraction Procedure for Agricultural Drainage Tile Effluent - **Wayne M. Pask**
11:50 - 1:00	**LUNCH (on your own)**

Wednesday / July 20, 1988 / Afternoon

1:00 - 1:20	Solid Phase Extraction and HPLC Analysis of Selected UV-Absorbing Pesticides in Well Water - **Allan M. Mitch**
1:20 - 1:40	HPLC Analysis of Sulfometuron-Methyl and Related Sulfamyl Urea Herbicides in Soil - **S. Mark Lee**, A. Scott Fredrickson, Gary R. Hunter
1:40 - 2:00	Determination of Ethylene Thiourea (ETU) in Water - **Gail Parker**

2:00 - 2:20	Effect of Soil and Foliar Daminozide Applications on Residue Levels in Peanuts - **Dick DePalma**
2:20 - 2:40	Determination of Strychnine Residues in Squirrel Tissues by HPLC - **Harry Richardson**
2:40 - 2:55	Determination of Sulfamethazine in Raw Milk by Solid Phase Extraction and HPLC/UV Analysis - **Rebecca A. Northup**
2:55 - 3:15	Geographic Information System: Use in Pesticide Data Management - **Dr. Robert L. Tilden**
3:15 - 3:30	Validation & Verification - **Dr. Barry R. Boerner**
3:30 - 3:50	Customiziing Your Chromatography Data with Lotus 1-2-3 - **James B. Westmoreland and Ed Vecchione**
3:50 - 4:10	On-Site Assay Technology: Laser Monitored Microbial Detection of Pesticides - **Dr. I. Cecil Felkner**
4:15 - 5:30	FDACS Chemical Residue Laboratory Chemists Meeting

Program Speakers

Bahner, Rita; Association of Official Analytical Chemists; 1111 N. 19th Street; Arlington, VA 22209

Bellman, Sander W.; Food & Drug Administration; 60 Eighth Street, NE; Atlanta, GA 30067

Boerner, Barry R., Ph.D.; Florida Department of Agriculture & Consumer Services; Chemical Residue Laboratory; 3125 Conner Boulevard; Tallahassee, FL 32399-1650

Brown, Albert S., Jr.; Virginia Division of Consolidated Labs; 1 N. 14th Street; Room 354; DGS/DCLS; Richmond, VA 23219

Cowart, Rubel; Mississippi State Chemical Laboratory; Pesticide Residue Laboratory, Box CR; Mississippi State, MS 39762

Dacus, Stephen C.; Texas Department of Agriculture; Division of Agriculture & Environmental Sciences; Brenham Laboratory; Box 1119; Brenham, TX 77833

Denning, Ralph L.; North Carolina Department of Agriculture; Food & Drug Protection Division; 4000 Reedy Creek Road; Raleigh, NC 27611

DePalma, Dick; Procter and Gamble Co.; 6071 Center Hill Road; Cincinnati, OH 45224

Duffy, Michael; HNU Systems; 160 Charlemont Street; Newton, MA 02161

Felkner, Dr. I. Cecil; Technical Assessment Systems, Inc.; The Flour Mill; 1000 Potomac Street, NW; Washington, DC 20007

Fong, W. George; Florida Department of Agriculture & Consumer Services; Chemical Residue Laboratory; 3125 Conner Boulevard; Tallahassee, FL 32399-1650

Fredrickson, A. Scott; California Department of Food & Agriculture; Division of Inspection Services; Chemistry Laboratory Services; 3292 Meadowview Road; Sacramento, CA 95832

Gillis, John N.; Environmental Protection Agency; National Enforcement Environmental Center; Box 25227, Building 53; Denver, CO 80225

Hackett, Dr. Amy G.; Monsanto Company; 700 Chesterfield Village Parkway; St. Louis, MO 63198

Hall, Dr. Randy C.; O.I. Corporation; P.O. Box 2980; College Station, TX 77841

Hendricks, Lamar; Extension Poultry Science; Pesticide Residue Laboratory; 110 Riverbend Road; Athens, GA 30602

Hunter, Gary R.; California Department of Food & Agriculture; Division of Inspection Services; Chemistry Laboratory Services; 3292 Meadowview Road; Sacramento, CA 95832

Jaquess, Amy; Department of Environmental Toxicology; University of California; Davis, CA 95616

Joyce, Robert J.; Dionex Corporation; 1228 Titan Way; P.O. Box 3603; Sunnyvale, CA 94088-3603

King, Wendy; Florida Department of Agriculture & Consumer Services; Pesticide Laboratory; 3125 Conner Boulevard; Tallahassee, FL 32399-1650

Krause, Richard T.; Food & Drug Administration; Division of Chemistry & Physics; 200 C Street, SW; Washington, DC 20204

Lagman, Larry; South Carolina Water Resources Commission; 1201 Main Street; Suite 1100; Columbia, SC 29201

Lee, S. Mark; California Department of Food & Agriculture; Division of Inspection Services; Chemistry Laboratory Services; 3292 Meadowview Road; Sacramento, CA 95832

Lim, Dr. Lori O.; Pesticide Research Lab; Institute of Food & Agriculture Sciences; University of Florida; Gainesville, FL 32611

Livingston, Greg; Reedy Creek Improve, Dist.; Environmental Lab; P.O Box 10170; Lake Buena Vista, FL 32830

McKinney, James B.; Georgia Department of Agriculture; 19 Martin Luther King, Jr. Drive; Atlanta, GA 30334

Meister, Charles W.; Pesticide Research Lab; Institute of Food & Agriculture Sciences; University of Florida; Gainesville, FL 32611

Mitch, Allan M.; Florida Department of Agriculture & Consumer Services; Chemical Residue Laboratory; 3125 Conner Boulevard; Tallahassee, FL 32399-1650

Moye, Dr. Anson; Institute of Food & Agriculture Sciences; University of Florida; Gainesville, FL 32611

Northup, Rebecca A.; Florida Department of Agriculture & Consumer Services; Chemical Residue Laboratory; 3125 Conner Boulevard; Tallahassee, FL 32399-1650

Page, Michael J.; Florida Department of Agriculture & Consumer Services; Chemical Residue Laboratory; 3125 Conner Boulevard; Tallahassee, FL 32399-1650

Paladino, Joseph; Bio-Analytics Systems Company; Westinghouse Electric Corporation; Waltz Mill Site; Madison, PA 15663-0286

Parker, Gail; Florida Department of Agriculture & Consumer Services; Chemical Residue Laboratory; 3125 Conner Boulevard; Tallahassee, FL 32399-1650

Pask, Wayne M.; Indiana State Chemists Office; Residue Section, BCHM Control; Purdue University; West Lafayette, IN 47907

Pfaffenberger, Carl D., Ph.D.; Environmental Monitoring Division; Environmental Resources Management; 111 NW 1st Street; Suite 1310; Miami, FL 33128-1971

Reeves, Robert; USDA APHIS NMRAL; P.O. Box 3209; Gulf Port, MS 39503

Richardson, Harry; USDA APHIS NMRAL; P.O. Box 3209; Gulf Port, MS 39503

Simon, Dr. Verne A.; Florida Department of Health & Rehabilitative Services; 1217 Pearl Street; Jacksonville, FL 32202

Stocks, Tom; Hewlett-Packard Company; Division of Analytical Instruments; 6177 Lake Ellenor Drive; Orlando, FL 32809

Thio, Alan P.; University of Kentucky; Regulatory Services; Pesticide Residue Laboratories; 102 Scovell Hall-Washington & Lime Streets; Lexington, KY 40546

Thompson, Robert E.; US Environmental Protection Agency (Northrop Corporation); P.O. Box 12313; Research Triangle Park, NC 27709

Tilden, Robert L., Ph.D.; Florida Department of Agriculture & Consumer Services; 208-C Mayo Building; Tallahassee, FL 32399-0800

Vecchione, Ed; Spectra-Physics / Sci-Con; 631 Executive Drive; Winter Park, FL 32789

Wakeford, Bryan; Pesticide Laboratory, Laboratory Services; Building No. 22, C.E.F.; Ottawa, Ontario K1A 0C6; CANADA

Waltz, Ralph H.; Analytical Biochemistry Laboratories, Inc.; P.O. Box 1079; Columbia, MO 65205

Westmoreland, James B.; Spectra-Physics / Sci-Con; 631 Executive Drive; Winter Park, FL 32789

Wilkes, Perry; FDA-Atlanta Regional Laboratory; 60 Eighth Street; Atlanta, GA 30309

Williams, Allie; Food & Drug Protection; North Carolina Department of Agriculture; P.O. Box 27647; Raleigh, NC 27607

ADDENDUM TO THE PROGRAM
for the
25TH ANNUAL PESTICIDE RESIDUE WORKSHOP

Exhibitors

Sci-Con.....James Westmoreland

Shimadzu Scientific Instruments, Inc. .....Christopher Gaylor

Speakers — Tuesday / July 19, 1988 / Afternoon

2:00 - 2:20 Customizing Your Chromatography Data with Lotus 1-2-3 - **Robert Kalbacher** and **Ed Vecchione**

2:20 - 2:40 On-Site Assay Technology: Laser Monitored Microbial Detection of Pesticides - **Dr. I. Cecil Felkner**

2:40 - 3:00 The Determination of Phenyl Urea Herbicides and Carbamate Pesticides Using HPLC with Post Column Photo Degradation and Deviation - **Ron Luchtefeld**; Food and Drug Administration; 1009 Cherry Street; Kansas City, MO 64106

********** DOOR PRIZES **********

We will have drawings for door prizes five times during the meeting.

To be eligible for a prize, you must be in the meeting room **ON TIME** for each of the technical sessions (times listed below). Numbered tickets will be passed out at the door **PRIOR** to the start of each session. Drawings will be held at the **END** of each session (you must be present to win).

YOU COULD BE A WINNER!

Prizes have been contributed by the sales representatives. Please express your thanks to them by visiting each of their display tables.

SESSION STARTS AT:	DRAWING WILL BE AT:
8:30 am Monday	12:00 noon, prior to lunch
1:30 pm Monday	3:05 pm, prior to SSCS meeting
8:00 am Tuesday	12:05 pm, prior to lunch
8:00 am Wednesday	11:50 am, prior to lunch
1:00 pm Wednesday	4:10 pm, at end of general session

REMEMBER: YOU MUST BE ON TIME TO GET A TICKET.

THANK YOU!!

FOR ATTENDING THE

25TH ANNUAL PESTICIDE RESIDUE WORKSHOP

HOPE TO SEE YOU NEXT YEAR!