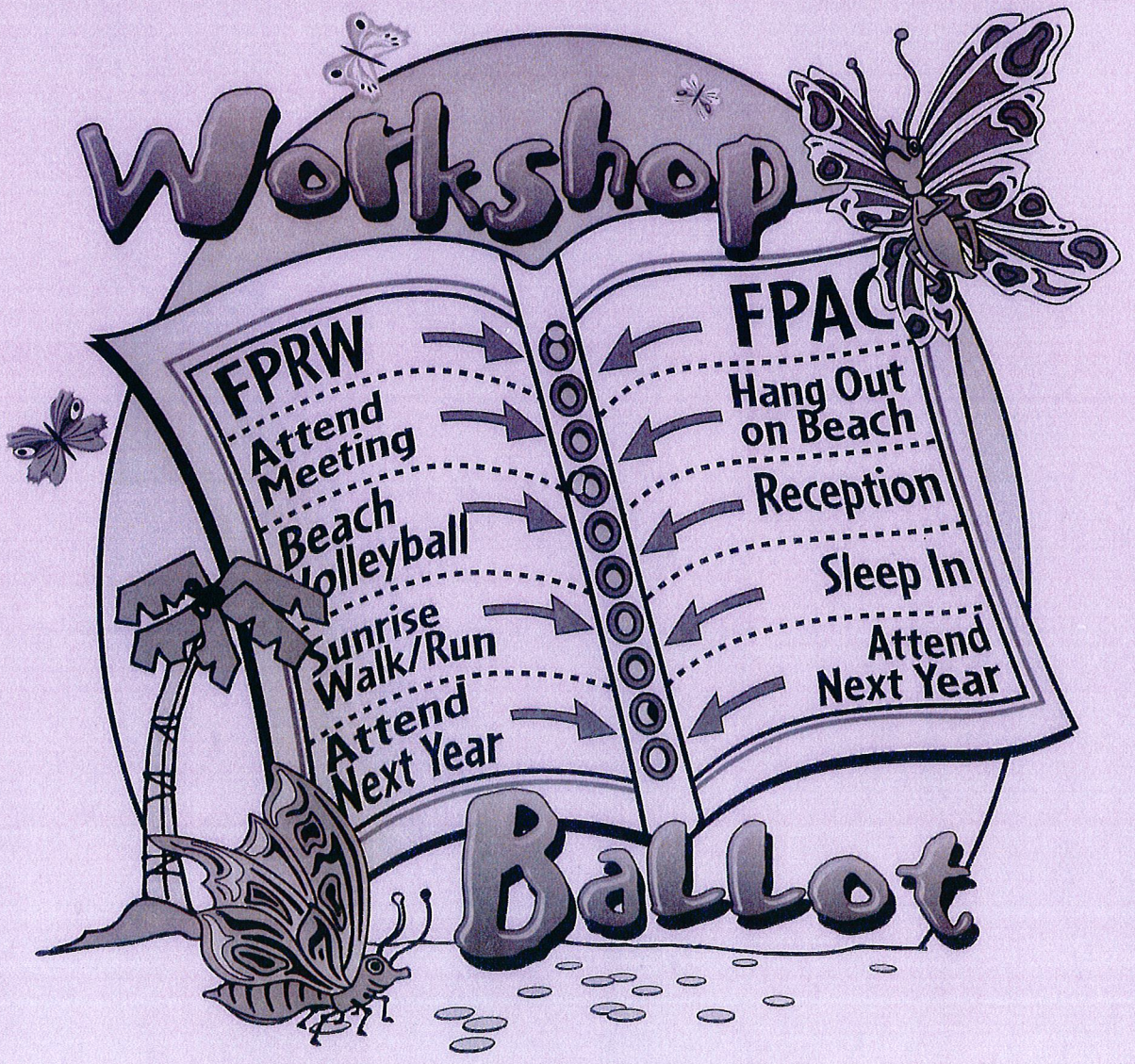
Pat Beckett

38th Annual
Florida Pesticide Residue Workshop

July 15 - 18, 2001
St. Pete Beach, Florida



FPRW

FPAC

FPRW / FPAC
400 Capital Circle, SE, Suite 18, #306
Tallahassee, FL 32301-3839

http://doacs.state.fl.us/~fs-prw

July 15, 2001

Dear Attendee:

Welcome to the 38th Annual Florida Pesticide Residue Workshop.

This year, we have another outstanding line-up of presentations for your professional benefit and a variety of activities to facilitate interaction with your colleagues. Our workshop is meant to be practical. The talks and posters presented this week highlight current analytical challenges and solutions. The exhibition features the latest in analytical equipment and techniques. There are also two free vendor seminars.

What are the challenges we face in pesticide residue analysis this decade? Tighter budgets? New and difficult analytes? Lower detection limits? Pressure to become accredited? Our discussions this week won't solve all those issues, but together we'll make progress.

Our goal is to do all this in a friendly, casual setting. Use the frequent breaks to network with others. Join us Monday evening for a fabulous reception, compliments of the TradeWinds Island Grand. Then burn off those extra calories Tuesday during an early morning run/walk and an evening volleyball game. As always, please take time to enjoy the amenities of our beautiful Sunshine State and let us know if we can be of any assistance to you.

Sincerely,

Workshop Coordinators:

Joanne B Pat Gail Joanne Cook Mike Patty

Dr. Joanne Brown, Pat Beckett, Gail Parker, Joanne Cook, Mike Page, Patty Lucas

P.S. Something new this year. Following the workshop our attendee list will be posted on the web instead of mailed to you.



SUMMARY OF EVENTS

Sunday Afternoon, July 15, 2001

6:00 - 8:00 REGISTRATION in the Grand Palm Colonnade
10:00 AM SET UP EXHIBITS in the Jacaranda Hall
6:00 - 8:00 SEMINARS: "CHOOSING THE RIGHT CAPILLARY COLUMN FOR GC" and "CARE AND MAINTENANCE OF CAPILLARY GC COLUMNS" Cameron George, Agilent Technologies; in the Compass Room (Drinks and snacks provided)
7:00 AUDIO-VISUAL SET UP in the Island Ballroom

Monday, July 16, 2001

7:30 - 8:30 REGISTRATION in the Grand Palm Colonnade
7:30 - 8:30 POSTER SET-UP in the Jacaranda Hall
8:30 - 4:55 ENVIRONMENTAL ISSUES SYMPOSIUM in the Island Ballroom
5:05 - 5:35 SOUTHERN STATES CHECK SAMPLE MEETING (Committee Members Only)
6:30 - 7:30 RECEPTION in the Jacaranda Hall

Tuesday, July 17, 2001

6:30 - 7:30 MILE RUN/WALK ON THE BEACH
8:00 - 8:30 REGISTRATION in the Grand Palm Colonnade
8:30 - 3:30 PESTICIDE RESIDUES IN FOOD SESSION in the Island Ballroom
12:00-1:00 WORKSHOP: "PUSHING THE TARGET COMPOUND DETECTION LIMIT ON A GC-MS", C. Kai Meng, Agilent Technologies (Drinks and snacks provided)
3:30 - 4:00 SOUTHERN STATES CHECK SAMPLE PROGRAM REPORT in the Island Ballroom
3:30 - 5:00 POSTER SESSION in the Jacaranda Hall
5:30 VOLLEYBALL GAMES ON THE BEACH

Wednesday, July 18, 2001

7:30 - 8:30 EARLY MORNING COFFEE in the Grand Palm Colonnade
8:30 - 11:55 QUALITY ASSURANCE FOR RESIDUE ANALYSIS in the Island Ballroom

Exhibits Open Daily (Jacaranda Hall): Monday 7:30 a.m. to Tuesday 5:00 p.m.

Please note: **Door prizes will be drawn at the end of each morning and afternoon session. You must be ON TIME at the beginning of each session to receive a ticket. You must be PRESENT AT THE DRAWING TO WIN.**

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Technical Program

Monday Morning, July 16, 2001

7:30 - 8:30	REGISTRATION - Grand Palm Colonnade EXHIBITS - Open all day (7:30 a.m. - 5:00 p.m.) Jacaranda Hall POSTER SET-UP - In the Jacaranda Hall COFFEE - In the Jacaranda Hall
8:30 - 8:40	*Welcome - **Joanne Brown**, Division of Food Safety, Florida Department of Agriculture and Consumer Services*

PESTICIDE USE/MISUSE SAMPLES: ISSUES RELATING TO THEIR ANALYSIS

*Moderator: **Susan Eigen**, Pesticide Division, Georgia Department of Agriculture*

1.	8:40 - 8:50	*Introduction to Session*, **Susan Eigen**, Georgia Department of Agriculture
2.	8:50 - 9:15	Georgia Pesticide Enforcement and the Laboratory, **Douglas N. Jones**, Georgia Department of Agriculture
3.	9:15 - 9:45	Views of Pesticide Misuse: From the Chemist to the Courtroom , **Reba Ingram,** Mississippi State Chemical Lab, and **Keith Davis**, Mississippi Department of Agriculture
4.	9:45-10:10	Is Your Lab Ready for a Legal Challenge?: Preparing for a Deposition/Hearing, **Michael Page**, Florida Department of Agriculture
	10:10 - 10:55	**Break - VISIT EXHIBITORS** **Refreshments in the Jacaranda Hall**
5.	10:55 - 11:20	Meeting the Challenges of Quality Assurance for the Pesticide Use/Misuse Sample, **Arlene Fox**, AOAC International
6.	11:20 - 11:40	Maryland State Chemist's Strategy, **Stanley Daniello**, Maryland Department of Agriculture
7.	11:40 - 12:05	The Trouble with Metamsodium, **Michael Page**, Florida Department of Agriculture
	12:05 - 12:15	Door Prize Drawing - **You must be present to win!**
	12:15 - 1:35	**Lunch** (on your own)

Monday Afternoon, July 16, 2001

8.	1:35 - 2:00	Analysis and Dissipation of 2,4-D, Picloram and Dicamba in Bermuda Grass Hay, **Kevin Armbrust**, University of Georgia
9.	2:00 - 2:25	The Adaptation of Existing Multi-Residue Methodology to Unique Pesticide Misuse Samples, **Eric Petty**, Colorado Department of Agriculture
10.	2:25 - 2:50	Discussion Between Presenters and Attendees Moderator: **Susan Eigen**, Georgia Department of Agriculture Bring your questions, observations and issues
	2:50 - 3:35	**Break - VISIT EXHIBITORS** **Refreshments in the Jacaranda Hall**

epa.gov/opprd001/contacts_ra.htm

ENVIRONMENTAL METHODOLOGY SESSION

Moderator: ***Michael Page**, Pesticide Laboratory, Florida Department of Agriculture and Consumer Services*

epa.gov/oppbead1/methods

11.	3:35- 3:55	The Office of Pesticide Program's (OPP) Method Indices, **Betty Kolbe**, U. S. EPA
12.	3:55 - 4:15	Application of On-Line Solid Phase Extraction LC/Ion Trap MS/MS for the Detection of Sulfonylureas and Other Herbicides in Environmental Matrices, **Jennifer Townsend**, LCMS Limited
13.	4:15- 4:35	The Analysis of Carbamates Using LC/MS, **Jim Krol**, Waters Corporation
14.	4:35- 4:55	Pamper Your A.S.E., **David Klein**, Texas Parks and Wildlife
	4:55 - 5:05	Door Prize Drawing - **You must be present to win!**
15.	5:05 - 5:35	Southern States Check Sample Committee Meeting (for organizing committee only)
	6:30 - 7:30	**Reception - Sponsored by the TradeWinds Grand Island Resort** - Jacaranda Conference Center (Complimentary soft drinks and water; cash bar for alcoholic beverages.)

Tuesday Morning, July 17, 2001

6:30 - 7:30 Runners/Walkers Assemble, Sign-up, and receive instructions on the Beach by the TradeWinds

8:00 - 8:30 REGISTRATION - Grand Palm Colonnade
EXHIBITION - Open all Day - Jacaranda Hall
Early Morning Coffee in the Jacaranda Hall

PESTICIDE RESIDUES IN FOOD

Moderator: ***Pat Beckett**, Chemical Residue Laboratory, Florida Department of Agriculture and Consumer Services*

16.	8:30 - 9:00	Pesticide Residues and FQPA, **Daniel Botts**, Florida Fruit and Vegetable Association
17.	9:00 - 9:20	Pesticide Tolerance Database Application, **Daniel McLallen**, Florida Department of Agriculture
18.	9:20 - 9:40	Insecticides from Wild Tomato: Quantification of Methyl Ketones in Glandular Trichomes, **George Antonious**, Kentucky State University
19.	9:40 - 10:00	Determination of Triazine Herbicides Using Fast GC / TOF-MS, **Diana Baker**, Thermo Finnigan
	10:00 - 10:45	**Break - VISIT EXHIBITORS** **Refreshments in the Jacaranda Hall**
20.	10:45 - 11:05	A Rapid Solid Phase Extraction Cleanup for the GC Analysis of Pesticides in Fresh Fruits and Vegetables, **Frank Schenck**, FDA Southeastern Regional Laboratory
21.	11:05 - 11:25	Improved Method for Multiresidue Pesticide Analysis in Selected Animal Tissues, **Roger Simonds**, USDA, Eastern Lab; A. McKecham, M. Miller and Mike Legendre,
22.	11:25 - 11:45	Identification and Quantitation of Pesticides in the Sub-ppb Range Using a GC-MSD, **C. Kai Meng**, Agilent Technologies
	11:45 -12:00	Door Prize Drawing - **You must be present to win!**
	12:00 - 1:00	**Agilent Technologies Workshop:** (Free!) "Pushing the Target Compuond Detection Limit on a GC-MS" **C. Kai Meng**, Agilent Technologies (Drinks and snacks provided)
	12:00 - 1:30	**Lunch** (on your own)

Tuesday Afternoon, July 17, 2001

Moderator: ***Gail Parker**, Chemical Residue Laboratory, Florida Department of Agriculture and Consumer Services*

23.	1:30 - 1:50	LC/MS: Challenges and Opportunities, **Walter Hammack**, Florida Department of Agriculture
24.	1:50 - 2:10	Comparing Matrix Effects on Response using ESI and APCI Interfaces for HPLC/MS Analysis, **William Holmes**, Mississippi State University
25.	2:10 - 2:30	Quantitation: Whassup? A Comparison Between Ion Traps and Triple Quads, **Charlie Schmidt**, Thermo Finnigan
26.	2:30 - 2:50	Analysis of Imidacloprid, Spinosad and Azoxystrobin by LC/MS, **Joanne Cook** and Walter Hammack, Florida Department of Agriculture
27.	2:50 - 3:10	Results of a Retail Grocer's Testing Program for Pesticide Residues: 1989-2000, **Herb Schattenberg**, Southwest Research Institute
	3:10 - 3:20	Door Prize Drawing - **You must be present to win!**
	3:30 - 4:00	Southern States Check Sample Program Meeting
	3:30 - 5:00	**Poster Session with Refreshments in the Jacaranda Hall VISIT POSTERS AND EXHIBITORS**
	4:50	**Special Door Prize Drawing for those who submit completed Exhibitor Cards**
		Exhibition closes after the poster session
	5:30 p.m. till	**VOLLEY BALL GAMES ON THE BEACH**

Tuesday, July 17, 2001

Poster Session

Jacaranda Hall

Open All Day - Presenter at posters from 3:30 to 5:00 p.m.

P1 Analytical Method for the Determination of Thiamethoxam and its Degradates in Soil using Envi-Carb SPE and LC/ESI/MS/MS, **Narong Chamkasem** and Sunmao Chen, Syngenta Crop Protections Inc.

P2 Pesticide Residue Evaluation in Strawberry (Fragraria spp.) In a Specific Area of Columbia, **Mauricio Montaño**, **Jairo A. Guerrero**, Universidad National de Colombia

P3 Research on the Pesticide Residue in Commercial Agriculture Commodities in Seoul of Korea, **Hee-Gon Kang**, Seoul Metropolitan Government Institute of Health and Environment

P4 Multi-Residue Method for 46 Pesticides with Gas Chromatograph-Mass Selective Detector, **Ju-Sung Bak**, Seoul Metropolitan Government Institute of Health and Environment

P5 Multiresidue Method for Synthetic Pyrethroids with Gas Chromatograph-Mass Selective Detectors, **In-Suk Hong**, Seoul Metropolitan Government Institute of Health and Environment

P6 Runoff of Imidachloprid from Turf by Simulated Rainfall, **Kevin L. Armbrust**, University of Georgia

P7 Determination of Residue of Diazinon on Apple Fruit by Gas Chromatography Using Two Methods of Spraying: Fixed Program and Surveying Program, **Ahmad Mahdavi**, University of Tehran, Tehran, Iran

P8 An Optimized Dual Column Pair for the Analysis of Chlorinated Pesticides, Herbicides and PCBs, **Cameron George**, Agilent Technologies

P9 Demonstration of Pesticide Tolerance Database Application, **Daniel McLallen**, Florida Department of Agriculture

P10 Extraction of Pesticides from Fatty and Non-fatty Foods in Composite Dietary Samples, Laura Rosenblum, US EPA; Sherry Garris, South Carolina Department of Agriculture, and **Jeffrey Morgan**, US EPA

P11 HPLC Analysis of Common Fungicide Residues Using Photo Diode Array and Mass Spectrometry Detection, **Jim Krol**, Waters Corporation

P12 Recent Advances of the Accelerated Solvent Extraction of Pesticides from Environmental Matrices, **Brian Thompson**, Dionex

P13 Determination of Derivatized Carbamate Insecticides by Ion Trap GC-MS/MS, **John D. Ragsdale**, Meredith Conoley, Thermo Finnigan

P14 Drift Deposition Profile Following Aerial ULV Adulticide Application Using Two Nozzle System, **He Zhong**, James Dukes, Michael Greer and Phillip Heste, Florida A & M University

P15 Impact of Pesticide Screening Program, **Herb Schattenberg**, Southwest Research Institute

P16 Quantitation and Confirmation of Organophosphorus Pesticides in Apple Extract in a Single Injection by GC-MS/MS, **Jessie C. Butler**, Thermo Finnigan

P17 Minimizing Pesticide Breakdown with Proper Inlet Design and Deactivation of Inlet Liners in Trace Pesticide Analysis Using Electron Capture Detector, **Jessie C. Butler**, Don Clay, Stacey R. Graham, Thermo Finnigan

P18 Can Searchable CID Mass Spectral Libraries be Generated from Electrospray LC/MS? **Robert D. Voyksner**, LCMS Limited

P19 Tools for Identifying Unknown Pesticides in Complex Matrices, **C. Kai Meng**, Agilent Technologies

P20 New SPE Methods for Analysis of Acidic Herbicides...Reversed Phase or Mixed Mode? **Michael F. Early**, Michael S. Young, Waters Corporation

P21 Fast GC/TOFMS Combined with ChromaTOF Automated Processing for Pesticide Analysis, Jack Cochran, Ritchard Parry, **Fred Glisson**, LECO Corporation

For a LIST OF ALL ATTENDEES at this workshop, visit our web site:

http://doacs.state.fl.us/~fs-prw

Wednesday Morning, July 18, 2001

7:30 - 8:30 Early Morning Coffee in the Grand Palm Colonnade

QUALITY ASSURANCE IN THE PESTICIDE RESIDUE LABORATORY

Moderator: ***Patty Lucas**, Pesticide Laboratory, Florida Department of Agriculture & Consumer Services*

28.	8:30 - 8:50	Principles & Practices of Method Validation - **Mark Lee**, California Department of Agriculture
29.	8:50 - 9:10	Some Aspects of Intralab Check Samples in the MDA-PDP - **Kevin Worden**, Michigan Department of Agriculture
30.	9:10 - 9:35	ISO 17025, Practical Problems, **Michelle Katrinak**, ABC Research
31.	9:35 - 9:55	Documentation: One Laboratory's Journey - **Gail Parker**, Florida Department of Agriculture and Consumer Services
	9:55 - 10:25	**Break - Refreshments in the Grand Palm Colonnade**
32.	10:25 - 10:45	Proposed AOAC Method Validation Categories - **Arlene Fox**, AOAC International
33.	10:45 - 11:05	Calculation of Measurement Uncertainty, **David Klein**, Texas Parks and Wildlife
34.	11:05 - 11:20	QA in the Laboratory with Good Laboratory Practice Standards for Magnitude of the Residue Studies-The IR-4 Model, **Christine Vandervoort**, Michigan State University
	11:20 - 11:30	Door Prize Drawing - **You must be present to win!**

38th Annual Pesticide Residue Workshop Adjourns

EXHIBITORS

We appreciate the continuous interest and support of the exhibitors! Please be sure to visit the exhibitors and discuss your interests and needs with them during the breaks and any other time.

ABC Laboratories
Del A. Koch / Rosalynn Koch

ABC Research Corporation
Dr. Wafa Birbari / Diane Northcott

AccuStandard, Inc.
Ted Weinreich / John Yanusas

Agilent Technologies
Lynn Jones / Chip Townsend / Cameron George

Alltech Associates, Inc.
Don Haertel

Analytical Research Systems
Rudy Strohschein / Ara Manukian

AOAC International
Arlene Fox

Becton Dickinson
Dr. Ali Najafabadi

CEM Corporation
Bob Revesz / Diane Merritt

Chem Service, Inc.
Kenneth Herwehe / Martha McHale

Dionex Corporation
Brian Thompson / Bob Moye / Karl Kastner / Randy Malatak

Food Safety Magazine/Environmental Testing and Analysis Magazine

LCMS Limited
Jennifer A. Townsend / Robert D. Voyksner

O I Analytical
Mike Duffy / Tom Swenson

Perkin Elmer Corporation
Jim Wagner / Eric Hess

Restek Corporation
Frank Dorman / Mike Zezzo / Gary Stidsen / Lydia Nolan

S & S Biopath, Inc.
Joe Murdock

Sci-Con
Joanne Westmoreland / James Westmoreland

Scientific Software, Inc.
Mickey McAllister

SGE, Inc.
Larry Ballard

Shimadzu Scientific Instrument, Inc.
Ken Jones

Southern Testing & Research Labs, Inc.
Greg Howell / Mark Hathaway

Thermo Finnigan
Paul Steinberg / Randy Curles / Randy Porch

Thermo Orion / Orion Research
Virgil Settle / David Singer

Tropical Software Solutions, Inc.
John T. Stimus / Christine Hilber

United Chemical Technologies
Jay Hardee

Varian, Inc.
Scott Moore / Gary Cook / Mark Harkness

Waters Coporation
Craig Langway / Dick Schreiber / Jim Krol

PROGRAM PRESENTERS

18 **Antonious, George F., PhD.**, Kentucky State University, 400 East Main Street, 218 Atwood Research Facility, Frankfort, KY 40601; (502) 597-6005, Fax (502) 597-6381; gantonious@gwmail.kysu.edu

8 P6 **Armbrust, Kevin L.**, University of Georgia, 1109 Experiment Street, Weed Sciences Bldg., Griffin, GA 30223-1797; (770) 228-7214, Fax (770) 412-4734; armbrust@gaes.griffin.peachnet.edu

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19 **Baker, Diana**, Thermo Finnigan, 2215 Grand Avenue Parkway, Austin, TX 78728; (512) 251-1408, Fax (512) 251-1587; dbaker@thermofinnigan.com

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16 **Botts, Daniel A.**, Florida Fruit and Vegetable Association, P. O. Box 140155, Orlando, FL 32814-0155, (407) 894-1351 ext. 121, Fax (407) 894-7840; dan@FFVA.com

Brown, Dr. Joanne, Chief, Bureau of Food and Residue Laboratories, Florida Dept. of Agriculture & Consumer Services, 3125 Conner Blvd., Tallahassee, FL 32399-1650, (850) 488-0670, Fax (850) 488-4226, brownjo@doacs.state.fl.us

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6 **Daniello, Stanley**, Maryland Department of Agriculture, State Chemist Section, S. Harry S. Truman Pkwy., Annapolis, MD 21401, (410) 841-2721, Fax (410) 841-2765; danielst@mda.state.md.us

3 **Davis, Keith**, Branch Director of Pesticide Compliance, Mississippi Department of Agriculture, Bureau of Plant Industry, P. O. Box 5207, Mississippi State, MS 39762, (662) 325-3390, Fax (662) 325-8397; keith@mdac.state.ms.us

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P2 **Guerrero Dallos, Jairo A.**, Universidad Nacional de Colombia, Chemistry Department, Bogota, D.C. 57-1, Phone: 57-1-4163025, Fax 57-1-3165220; jairo709@ciencias.ciencias.unal.edu.co

23 **Hammack, Walter**, Chemical Residue Laboratory, Florida Department of Agriculture & Consumer Services, 3125 Conner Blvd., Tallahassee, FL 32399-1650 (850) 488-9670, Fax (850) 922-9110; hammacw@doacs.state.fl.us

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3 **Ingram, Reba**, Mississippi State Chemical Laboratory, P. O. Drawer CR, Mississippi State, MS 39762, (662) 325-7808, Fax (662) 325-7807; reba@ra.msstate.edu

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13 **Krol, Jim**, Waters Corp., 34 Maple Street, Milford, MA 01757, (508) 482-2131,
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P7 **Mahdavi, Ahmad**, Department of Plant Protection, University of Tehran, P. O. Box 16315-1668, Tehran, Iran; Fax: ++ 98 21 6491399; ahmahdvi@chamran.ut.ac.ir

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P2 **Montaño Garces, Mauricio**, Universidad Nacional de Colombia, Chemistry Department, Bogota, D.C. 57-1, Phone: 57-1-2132546, Fax 57-1-3165220; mongar@latinmail.com

P10 **Morgan, Jeffrey**, US EPA, National Exposure Research Lab, Mail Stop 564, 26 West M. L. King Drive, Cincinnati, OH 45268, (513) 569-7738, Fax (513) 569-7757; morgan.jeffrey@epa.gov

4 **Page, Michael J.**, Florida Department of Agriculture & Consumer Services,
7 3125 Conner Blvd., Bldg. #5, Tallahassee, Florida 32399-1650, (850) 488-9375, Fax (850) 414-1384, pagem@doacs.state.fl.us

15 **Parker, Gail**, Chemical Residue Laboratory, Florida Department of Agriculture &
31 Consumer Services, 3125 Conner Blvd., Tallahassee, FL 32399-1650 (850) 410-3057, Fax (850) 922-9110; parkerg@doacs.state.fl.us

9 **Petty, Eric**, Standards Lab, Colorado Department of Agriculture, 2331 W. 31st Avenue, Denver, CO 80211, (303) 477-0014, Fax (303) 480-9236; eric.petty@ag.state.co.us

P13 **Ragsdale, John D.**, Thermo Finnigan, 2215 Grand Avenue Parkway, Austin, TX 78728, (512) 251-1560, Fax (512) 251-1597; jragsdale@thermofinnigan.com

27 **Schattenberg, Herb**, Southwest Research Institute, 6220 Culebra Road,
P15 San Antonio, TX 78238, (210) 522-3051, Fax (210) 522-3649; hschattenberg@swri.org

20 **Schenck, Frank**, FDA Southeastern Regional Laboratory, 60 Eighth St. NE, Atlanta, GA 30309, (404) 664-4506, Fax (404) 253-1209; fschenck@ora.fda.gov

25 **Schmidt, Charlie**, Thermo Finnigan, 255 Old New Brunswick Road, Piscataway, NJ 08854, (732) 981-0390, (732) 981-0029; cschmidt@thermofinnigan.com

21 **Simonds, Roger**, USDA-AMS-S & T-FLA, Eastern Lab, 645 Cox Road, Gastonia, NC 28056, (704) 867-3873, Fax (704) 853-2800; roger.simonds@usda.gov

P12 **Thompson, Brian**, Dionex, 1820 Water Place, Suite 250, Atlanta, GA 30339, (770) 432-8100, Fax (770) 432-8300; bthompsondx@worldnet.att.net

12 **Townsend, Jennifer A.**, LCMS Limited, P. O. Box 13348, Durham, NC 27709, (919) 949-1551, Fax (919) 838-9588; jennifer_townsend@lcmslimited.com

34 **Vandervoort, Christine**, Michigan State University, Center for Integrated Plant Systems, 206 Center for Integrated Plant Systems, E. Lansing, MI 48824, (517) 353-6376, Fax (517) 353-6376; vanderv2@msu.edu

P18 **Voyksner, Robert D.**, LCMS Limited, P. O. Box 13348, Durham, NC 27709, (919) 949-5583, Fax (919) 838-9588; robert_voyksner@lcmslimited.com

29 **Worden, Kevin**, Michigan Department of Agriculture, 1615 South Harrison Road, East Lansing, MI 48823, (517) 337-5106, Fax (517) 337-5094; wordenk@state.mi.us

P14 **Zhong, He (Harry)**, PHEREC/Florida A & M University, 4000 Frankford Avenue, Panama City, FL 32405, (850) 872-4184, (850) 872-4733; zhong_h@popmail.firm.edu

FUTURE MEETINGS:

2002 **4th Bi-Annual European Pesticide Residue Workshop** - *May 27 - 29, 2002*
Rome; Web site: http://www.iss.it/english/scientifica/index.htm
E-mail: eprw2002@iss.it Phone: 39 06 4990 2615

Florida Pesticide Residue Workshop - *July 28 - 31, 2002, St. Pete Beach, Florida*
Contact: Pat Beckett, Joanne Cook or Gail Parker at (850) 488-9670

2003 **Florida Pesticide Residue Workshop** - *July 20 - 23, 2003, St. Pete Beach, Florida*
Contact: Pat Beckett, Joanne Cook or Gail Parker at (850) 488-9670

California Pesticide Residue Workshop - *March, 2003*
San Diego www.cdfa.ca.gov/inspection/cac/workshop

2004 **5th Bi-Annual European Pesticide Residue Workshop**
date and location not yet announced

Win valuable DOOR PRIZES ! There are TWO types of door prize drawings!

1. Technical Session Door Prize Drawings

We want to keep our meeting on schedule - so we freely admit that we use door prizes to motivate your promptness. Promptness is rewarded with a chance to win, win, win! To be eligible, you must get a ticket at the beginning of each technical session. The drawings will be from the speaker's podium in the Island Ballroom. **You must be present to win.**

a. FPRW - **5 door prize opportunities**: Monday, Tuesday, and Wednesday at the close of the morning session (i.e. just before lunch); and also, Monday and Tuesday at the close of the afternoon session. These times are listed in your program.
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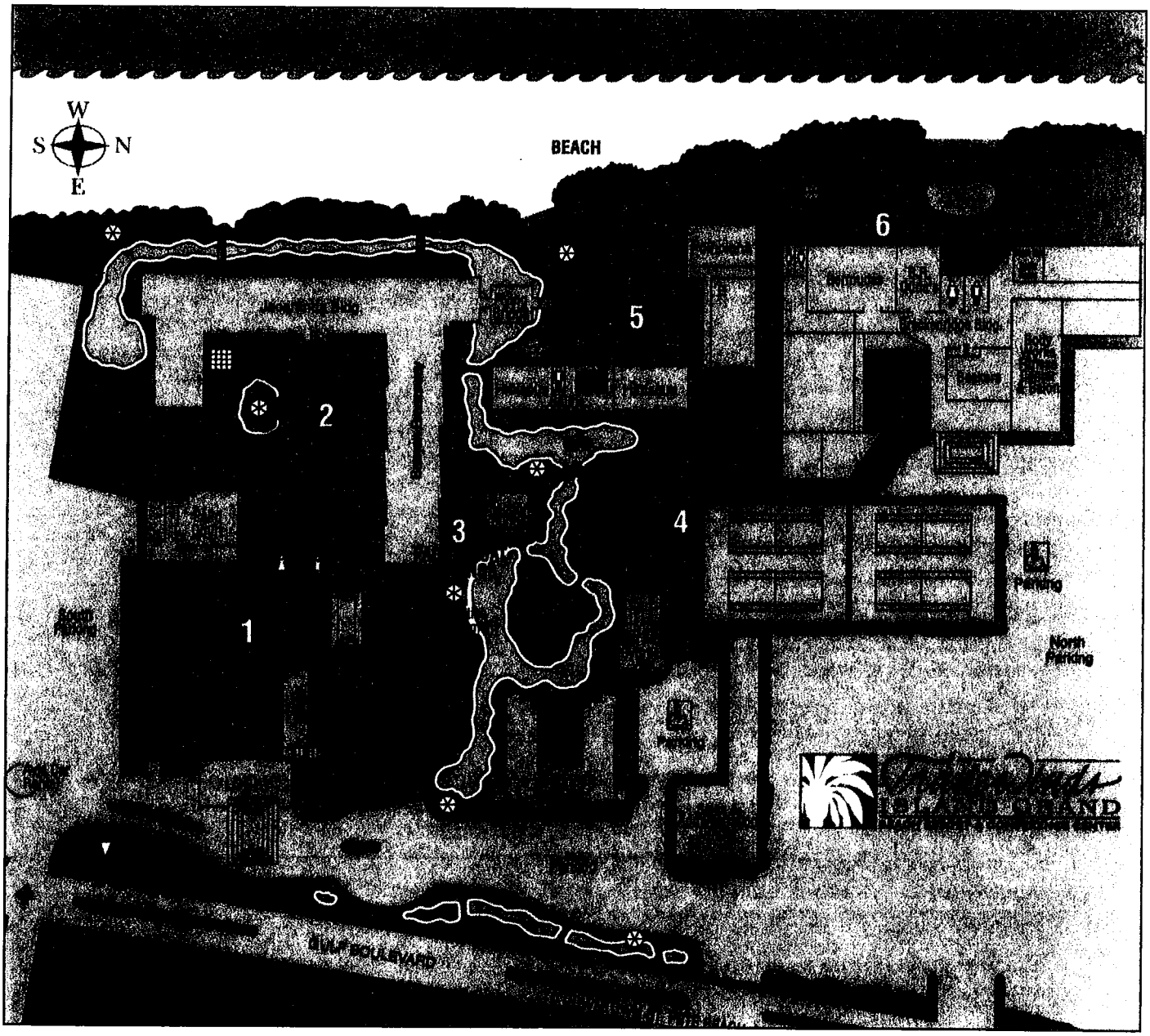
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a. FPRW - At the close of the FPRW exhibition immediately following Tuesday's poster session.
b. FPAC - During Thursday afternoon's refreshment break.

TradeWinds Island Grand Property Map



AREAS

TradeWinds is divided into six main areas to help you "navigate" throughout our 18 tropical beachfront acres. Most meeting rooms are located around the Grand Palm Colonnade.

Grand Palm Colonnade 1
Garden Courtyard 2
Paddleboat Landings 3
Hibiscus Courtyard 4
Beachfront Terrace 5
Breckenridge 6

DINING, SHOPS, ETC.

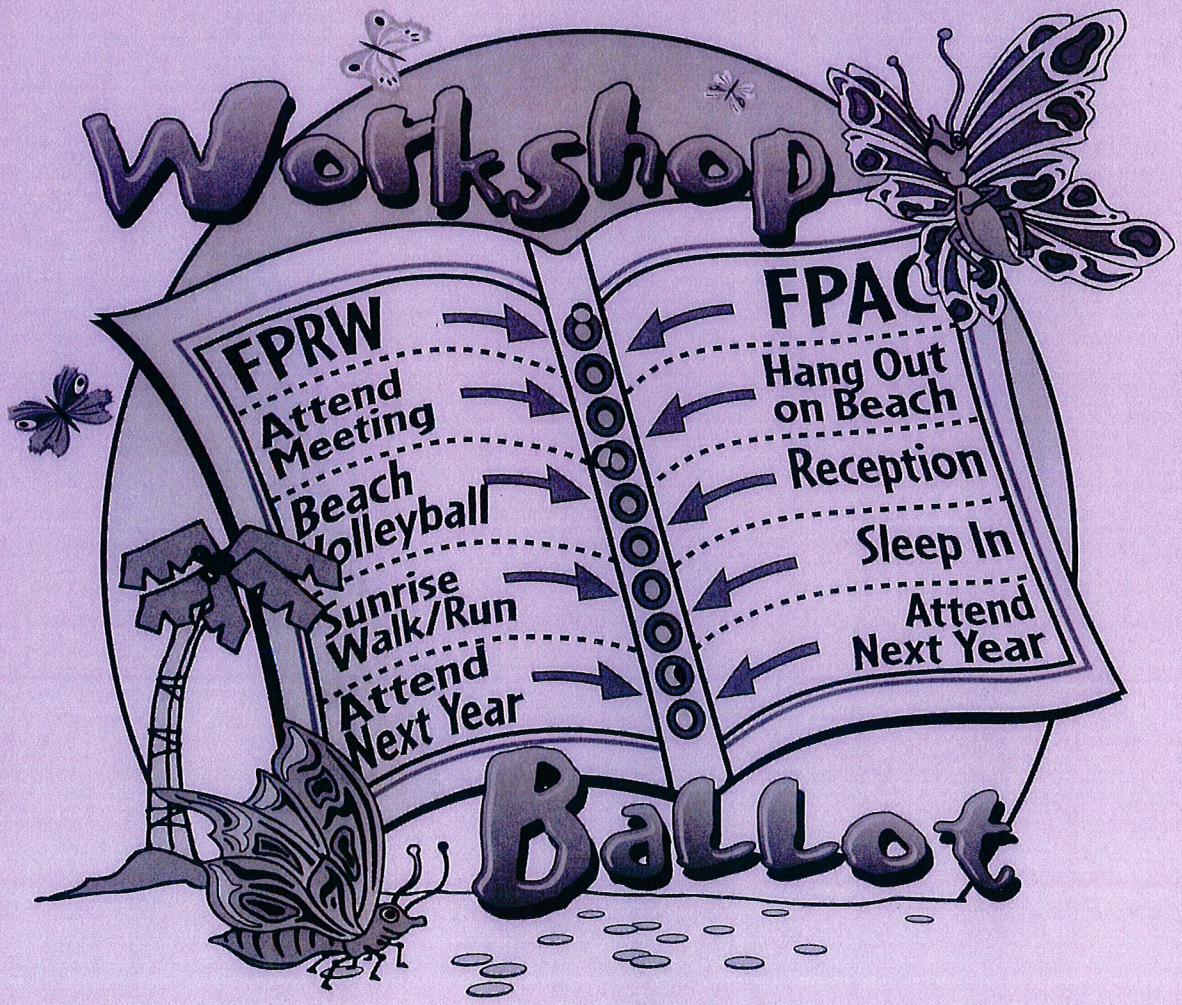
The Lobby Bar 1
Deli 1
Trader Rick's 1
Palm Court Bistro 2
Reflections Piano Bar 3
Beach Stuff 4
Flying Bridge Beach Bar 5
Bermudas Restaurant 6
Pizza Hut & Tropic Treats Ice Cream .6
B.R.Cuda's Lounge 6
Salty's Beach Bar 6
Beaker's Tropical Outfitters 6

RECREATION

Putting Green, Chess 2
Paddleboats, Gondolas 3
Tennis Courts 4
T.A.Z. (TradeWinds Action Zone) . . . 4
Sauna, Whirlpools 5
Body Works Salon 6
Fitness Center 6
Swimming Pools (covered, 5) 4,5,6
Cabanas, Water Sports . . . . . Beach
Golf Privileges . . . . See the Concierge
Deep Sea Fishing . . See the Concierge

4th Annual
Foodborne Pathogen Analysis Conference

July 18 - 20, 2001
St. Pete Beach, Florida



FPRW

FPAC

FPRW / FPAC
400 Capital Circle, SE, Suite 18, #306
Tallahassee, FL 32301-3839

http://doacs.state.fl.us/~fs-prw

July 18, 2001

Dear Attendee:

Welcome to the 4th Annual Florida Foodborne Pathogen Analysis Conference.

This year's conference has an excellent selection of speakers and topics. The speakers will be presenting new laboratory technologies for foodborne pathogen detection, isolation, and identification as well as current food safety issues. On Wednesday evening, we invite you to join us for an outstanding TradeWinds Island Grand reception where you will have an opportunity to network with other attendees, poster presenters and exhibitors.

This year we would again like to thank the Food and Drug Administration's Office of Regulatory Affairs Division of Federal State Relations for providing four speaker scholarships. These scholarships have enabled us to continue to provide this excellent laboratory methods conference focused on foodborne pathogens.

Please take time to relax and enjoy the amenities of our Sunshine State and the TradeWinds Island Grand Resort and Conference Center. Do not hesitate to let us know if we can be of any assistance.

Sincerely,
Workshop Coordinators:

Joanne M Brown
Margaret E. Melton
Grace Hall

Dr. Joanne Brown, Peggy Melton,
Grace Hall

P.S. Something new this year. Following the workshop our attendee list will be posted on the web instead of mailed to you.

TradeWinds
ISLAND GRAND
BEACH RESORT & CONFERENCE CENTER

SUMMARY OF EVENTS

Wednesday Afternoon, July 18, 2001

8:00 - 12:00	SET UP EXHIBITS in the Jacaranda Hall
9:00 - 1:15	REGISTRATION in the Grand Palm Colonnade
12:00 - 1:00	POSTER SETUP in the Jacaranda Hall
12:00 - 6:30	EXHIBITS in the Jacaranda Hall
1:15 - 4:45	CONFERENCE PROGRAM in the Island Ballroom
5:30 - 6:30	POSTER SESSION in the Jacaranda Hall
5:30 - 6:30	RECEPTION in the Jacaranda Hall

Thursday, July 19, 2001

8:00 - 8:30	REGISTRATION in the Grand Palm Colonnade
7:30 - 8:30	COFFEE - In the Jacaranda Hall
8:30 - 5:00	CONFERENCE PROGRAM in the Island Ballroom
7:30 - 5:00	EXHIBITS in the Jacaranda Hall

Friday, July 20, 2001

8:00 - 8:30	COFFEE - Grand Palm Colonnade
8:30 - 12:00	CONFERENCE PROGRAM in the Island Ballroom

Exhibits Open (Jacaranda Hall):

Wednesday, 12:00 noon - 6:30 p.m.
Thursday, 7:30 a.m. - 5:00 p.m.

Please note: **Door prizes will be drawn at the end of each morning and afternoon session. You must be ON TIME at the beginning of each session to receive a ticket. You must be PRESENT AT THE DRAWING TO WIN.**

Wednesday Afternoon, July 18, 2001

9:00 - 1:15	REGISTRATION - Grand Palm Colonnade EXHIBITS (Open 12:00 - 6:30)
1:15 - 1:30	***Announcements and Welcome – Dr. Joanne Brown,*** *Chief, Bureau of Food and Residue Laboratories, Florida Department of Agriculture & Consumer Services (FDACS)*
1:30 - 2:15	Forward to the Future: The Food Safety Laboratory in 2010 - Pipe Dream or Reality? - **Dr. Bala Swaminathan**, Centers for Disease Control and Prevention
2:15 - 3:00	Emerging Pathogens-Challenges for the 21st Century - **Mr. Robert Howard**, Centers for Disease Control and Prevention
3:00 - 3:30	**BREAK - VISIT EXHIBITORS -** **Refreshments in the Jacaranda Hall**
3:30 - 4:00	Detection, Isolation and Identification of Vibrio - **Dr. Amy Zuppardo**, Florida Department of Health
4:00 - 4:30	New Technologies from DuPont - **Dr. Lance Bolton**, DuPont Qualicon
4:30 - 4:45	Door Prize Drawing - **You must be present to win!**
5:30 - 6:30	**POSTER SESSION AND EXHIBITS**
5:30 - 6:30	**Reception Sponsored by the TradeWinds Grand Island Resort** - Jacaranda Conference Center (Complimentary soft drinks and water; cash bar for alcoholic beverages.)

Please Note: *Individuals desiring continuing education under Chapter 381.0101, F.S., will be awarded 11.75 hours for this training. For more information, see Peggy Melton.*

Poster Session

Jacaranda Hall

Presenter(s) at poster from 5:30 - 6:30

P1 Antimicrobial Resistance of Enterococcus Isolated from Grocery - **M. C. Jackson Hall**, USDA-ARS-ARRU, 950 College Station Rd., Athens, GA 30605, (706) 546-3603, Fax (706) 546-3616; chall@saa.ars.usda.gov

P2 Prevalence of Aminoglycoside Resistance Among *Enterococci* Isolated from Swine - **Charlene Hudson**, USDA-ARS, 950 College Station Rd., Athens, GA 30605, (706) 546-3604, Fax (706) 546-3616, chudson@saa.ars.usda.gov

P3 Real Time/Near Real Time Detection of Pathogens in Lettuce Wash Water - **Marianne Kramer**, University of South Florida, 4202 E. Fowler Ave., Tampa, FL 33620, (813) 974-5175, Fax (813) 974-3263; leverone@chuma.cas.usf.edu

P4 Evaluation and Efficacy of High-Energy Electrons as a Water Treatment Process for Inactivating *Cryptosporidium parvum* - **Theresa R. Slifko**, Orange County Utilities, Water Division, 9124 Curry Ford Road, Orlando, FL 32825, (407) 836-6950, Fax (407) 836-6935; Terri.Slifko@ocfl.net

P5 Incidence and Distribution of Indicator Species and Virulence Genes Isolated from the St. John's River, Florida - **Stephaney D. Shehane**, University of South Florida, College of Marine Science, 140 7th Avenue South, St. Petersburg, FL 33701, (727) 553-3930, Fax (727) 553-1189; sshehane@marine.usf.edu

P6 The Molecular Epidemiology and Antimicrobial Susceptibility of Outbreak and Sporadic *Salmonella enterica* serotype Typhi isolates in Florida - Paul D. Fiorella, R. Baker, D. Katz, R. Farah and J. Taylor, Florida Department of Health, Bureau of Laboratories, 1217 Pearl Street, Jacksonville, FL 32202, (904) 791-1714, Fax (904) 791-1603; paul_fiorella@doh.state.fl.us

P7 Detection of Cy5-labeled Oligonucleotides with an Evanescent Wave Biosensor - **Crystal D. Kryder** and Daniel V. Lim, University of South Florida, 4202 E. Fowler Ave. SCA110, Tampa, FL 33620, (813) 974-5175, Fax (813) 974-3263; cray1@chuma.cas.usf.edu

P8 Ecological Distribution and Antibiotic Resistance of Pathogenic Vibrionaceae Present in Tampa Bay, Florida - **John M. Pisciotta** and Jody Harwood, University of South Florida, 14614-2 Grenadine Dr., Tampa, FL 33613, (813) 803-8290, Fax (813) 558-8284; jpisciot@chuma.cas.usf.edu

Thursday Morning, July 19, 2001

Moderator: Grace Hall, Food Laboratory, FDACS

8:30 - 9:15	Real Time/Near Real Time Detection of Foodborne Pathogens Using a Fiber Optic Biosensor - **Dr. Daniel Lim**, University of South Florida
9:15 - 10:00	Globalization of the Retail Food Supply: Diversity in the Marketplace - **Dr. Mildred Cody**, Georgia State University
10:00 - 10:30	**BREAK - VISIT EXHIBITORS - Refreshments in the Jacaranda Hall**
10:30 - 11:00	Bacterial Source Tracking: Methods to Determine the Sources of Fecal Indicator Bacteria - **Dr. Valerie Harwood**, University of South Florida
11:00 - 11:45	Is There Still a Need for Conventional Methods for the Detection of Salmonella in Foods? - **Dr. Wallace Andrews**, U. S. Food and Drug Administration
11:45 - 12:00	Door Prize Drawing - **You must be present to win!**
12:00 - 1:15	**Lunch** (on your own)

Thursday Afternoon, July 19, 2001

1:15 - 2:00	Method Validation: A National Laboratory Vision - **Mr. Carl Sciacchitano**, Food and Drug Administration
2:00 - 2:30	Foodborne Protozoa: Cyclospora - **Dr. Ynes Ortega**, University of Georgia
2:30 - 3:00	The Use of PCR in the Isolation and Identification of *Listeria monocytogenes* from Meat Products - **Dr. Douglas Abbott**, USDA-FSIS
3:00 - 3:30	**BREAK - VISIT EXHIBITORS (last day!) Special Door Prize Drawing for those who submit completed Exhibitor Cards Refreshments in the Jacaranda Hall**
3:30 - 4:00	Control Measures to Prevent Foodborne Listeriosis - **Dr. William Sperber**, Cargill Industries

4:00 - 4:30	An Industry Perspective on Foodborne Pathogen Testing - **Mr. Paul Hall**, Kraft Foods, Inc.
4:30 - 5:00	Milwaukee's *E. coli 0157* Outbreak: A Pilot Lab Perspective - **Dr. Steve Gradus**, Milwaukee Health Department Laboratory
5:00	Door Prize Drawing - **You must be present to win!**

Friday Morning, July 20, 2001

Moderator: Peggy Melton, Food Laboratory, FDACS

8:30 - 9:00	Rapid Methods for *E. coli* and Other Indicators of Orange Juice Quality - **Dr. Mickey Parish**, University of Florida
9:00 - 9:30	Immuno-concentration - An Automated Approach to Salmonella Testing - **Christine Aleski**, bioMérieux
9:30 - 10:00	**BREAK - Refreshments - Grand Palm Colonnade**
10:00 - 10:30	Sprouts: Then and Now - **Dr. John Fruin**, Florida Department of Agriculture & Consumer Services
10:30 - 11:00	Current Florida Foodborne Outbreaks - **Dr. Roberta Hammond**, Florida Department of Health
11:00 - 11:30	Microbiological Data Program - **Anita Okrend**, U. S. Department of Agriculture
11:30 - 12:00	Wrap up and Evaluation – **Peggy Melton**
12:00	Door Prize Drawing - **You must be present to win!**

For a LIST OF ALL ATTENDEES at this workshop visit our web site:

http://doacs.state.fl.us/~fs-prw

PROGRAM SPEAKERS AND MODERATORS

Abbott, Dr. Douglas, USDA, FSIS, OPHS, BD,MOSPB, Special Projects and Outbreak Support Lab, 950 College Station Road, Russell Research Center, Athens, GA 30605, (706) 546-3587, Fax (706) 546-3518; douglas.abbott@dchqexs1.hqnet.usda.gov

Aleski, Christine, Marketing Manager, bioMérieux, 595 Anglum Road, Hazelwood, Missouri 63042-2320, (314) 506-8052, Fax (314) 731-8678; christine_aleski@na.biomerieux.com

Andrews, Dr. Wallace, U. S. Food and Drug Administration, Division of Microbiological Studies, Microbiology Methods Development Branch, 200 C Street, SW, HFS-516, Washington, DC 20204; (202) 205-4462, Fax (202) 401-7740, wallace.andrews@cfsan.fda.gov

Bolton, Dr. Lance, DuPont Qualicon, 1220 Calls Creek Circle, Watkinsville, GA 30677, (706) 769-6455, (706) 769-1914; Lance.F.Bolton@Qualicon.com

Brown, Dr. Joanne, Chief, Bureau of Food and Residue Laboratories, Florida Dept. of Agriculture & Consumer Services, 3125 Conner Blvd., Tallahassee, FL 32399-1650, (850) 488-0670, Fax (850) 488-4226, brownjo@doacs.state.fl.us

Cody, Dr. Mildred, Department of Nutrition, Georgia State University, University Plaza, Atlanta, GA 30303-3083, (404) 651-1105, Fax (404) 651-1235; mcody@gsu.edu

Gradus, Dr. Steve, Laboratory Director, City of Milwaukee Health Department Laboratory, 841 North Broadway, Room 205, Milwaukee, WI 53202; (414) 286-3526, Fax (414) 286-3526; sgradu@ci.mil.wi.us

Fruin, Dr. John T., Bureau of Food and Meat Inspection, Florida Department of Agriculture and Consumer Services, 3125 Conner Blvd., Tallahassee, FL 32399-1650, (850) 488-3951, Fax (850) 488-7806; fruinj@doacs.state.fl.us

Hall, Grace, Chemist Administrator, Food Laboratory, Florida Department of Agriculture & Consumer Svcs., 3125 Conner Blvd., Bldg. #9, Tallahassee, FL 32399-1650 (850) 488-4407, Fax (850) 487-6573, hallg@doacs.state.fl.us

Hall, Paul, Director of Microbiology and Food Safety, Kraft Foods, Inc., 801 Waukegan Rd., Glenview, IL 60025; (847) 646-3678, Fax (847) 646-2081; phall@kraft.com

Hammond, Dr. Roberta, Florida Department of Health, 4052 Bald Cypress Way, Bin #A08, Tallahassee, FL 32399-1712; (850) 245-4116, Fax (850) 922-8473, roberta_hammond@doh.state.fl.us

Harwood, Dr. Valerie, Department of Biology SCA 1100, University of South Florida, 4202 E. Fowler Avenue, Tampa, FL 33620-5550, (813) 974-1524, Fax (813) 974-3263; vharwood@chuma1.cas.usf.edu

Howard, Robert, Centers for Disease Control and Prevention, 3740 Strathmore Drive, Duluth, GA 30096; (770) 623-3861, Fax (404) 371-5490

Lim, Dr. Daniel, Professor of Microbiology, University of South Florida, Department of Biology, 4202 E. Fowler Ave., SCA 110, Tampa, FL 33620-5200; (813) 974-1618, Fax (813) 974-3263; Lim@chuma1.cas.usf.edu

Melton, Peggy, Environmental Administrator, Food Laboratory, Florida Department of Agriculture & Consumer Svcs., 3125 Conner Blvd., Bldg. #10, Tallahassee, FL 32399-1650, (850) 488-4407, Fax (850) 487-6573, meltonp@doacs.state.fl.us

Okrend, Anita, Branch Chief, U. S. Department of Agriculture, Agricultural Marketing Service, Technical Services Branch, 14th & Independence Ave. S. W., Room 3519-S, Washington, DC 20250, (202) 690-4025, Fax (202) 720-4631; anita.okrend@usda.gov

Ortega, Dr. Ynes, Center for Food Safety, University of Georgia, 1109 Experiment St., Griffin, GA 30223; (707) 233-5587, Fax (707) 233-5587; ortega@cfsqe.griffin.peachnet.edu

Parish, Dr. Mickey, University of Florida, 700 Experiment Station Rd., Lake Alfred, FL 33850, (863) 956-1151, Fax (863) 956-4631; mparish@lal.ufl.edu

Sciacchitano, Carl J., Senior Science Advisor, FDA/ORA/DFS, 5600 Fishers Lane, Room 12-41, Rockville, MD 20857, (301) 827-1028, Fax (301) 443-6388 csciacc1@ora.fda.gov

Sperber, Dr. William, Senior Corporate Microbiologist, Cargill Corporate Food Safety, Cargill Office Center, 15407 McGinty Road West, Wayzata, MN 55391; (952) 742-6135, Fax (952) 742-5216; bill_sperber@cargill.com

Swaminathan, Dr. Bala, Centers for Disease Control and Prevention, Foodborne and Diarrheal Diseases Lab, 1600 Clifton Road MS/CO3, Atlanta, GA 30333; (404) 639-3669, Fax (404) 639-3333; bas5@cdc.gov

Zuppardo, Dr. Amy B., Florida Department of Health, Bureau of Laboratories, 1217 Pearl Street, Jacksonville, FL 32202; (904) 791-1605, Fax (904) 791-1603; amy_zuppardo@doh.state.fl.us

We appreciate the interest and support of the exhibitors! Please be sure to visit the exhibitors and discuss your interests and needs with them during the breaks and any other time.

EXHIBITORS

ABC Research Corporation
Dr. Wafa Birbari, Diane Northcott

AOAC International
Arlene Fox

Applied Biosystems Inc.
Danny Hall

Becton Dickinson
Dr. Ali Najafabadi

BioControl
Brett Carter

C. Squared Corporation
Tom Mohr, John Marchlenski

DuPont Qualicon
Dr. Lance Bolton

Food Safety Magazine/Environmental Testing and Analysis Magazine

Neogen Corporation
John Nelson

Oxoid, Inc.
Jim Bell, Jeff Crawford

Remel, Inc.
Janice Jacobs, Ed George

S & S Biopath, Inc.
April Blanco, Joe Murdock

Silliker
Elizabeth Epps

Southern Testing & Research Labs
Dr. Holly Dunham, Becky Demchick

Toxin Technology, Inc.
Dr. Raoul Reiser, Paul Bina

Tropical Software Solutions, Inc.
Christine Hilber, John Stimus

FUTURE MEETINGS

2002 **ASM 102nd General Meeting** - *May 10-23, 2002, Salt Lake City, Utah*

International Association for Food Protection (IAFP) - *89th Annual Meeting, June 30 - July 3, 2002, Hyatt Regency San Diego, San Diego, California*

Florida Foodborne Pathogen Analysis Conference - *July 31-Aug. 2, 2002, St. Pete Beach, Florida; Contact - Peggy Melton or Grace Hall (850) 488-4407*

2003 **Florida Foodborne Pathogen Analysis Conference** - *July 23-25, 2003 St. Pete Beach, Florida; Contact - Peggy Melton or Grace Hall (850) 488-4407*

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