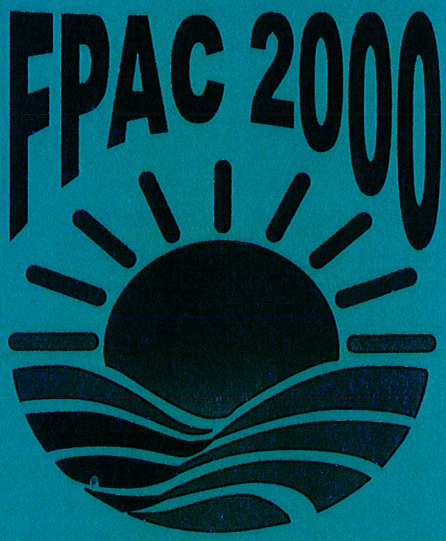


THIRD ANNUAL FOODBORNE PATHOGEN ANALYSIS CONFERENCE

Wednesday - Friday
July 19 - 21, 2000



Florida Department of Agriculture & Consumer Services
BOB CRAWFORD, Commissioner
The Capitol • Tallahassee, FL 32399-0800

Please Respond to:

July 19, 2000

Dear Attendee:

Welcome to the 3rd Annual Florida Foodborne Pathogen Analysis Conference.

The goal of this conference is to help you meet today's microbiological food safety challenges. This goal will be accomplished through speaker presentations, a poster session, and vendor exhibits. On Wednesday evening, we invite you to join us for a fabulous TradeWinds Island Grand reception where you will have an opportunity to network with other attendees, poster authors and exhibitors.

This year we would 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 quality food safety laboratory training.

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

Sincerely,

BOB CRAWFORD
COMMISSIONER OF AGRICULTURE

Joanne Peggy
GG Hall

Workshop Coordinators:
Dr. Joanne Brown, Peggy Melton, Grace Hall

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

Fresh From Florida

Florida Agriculture and Forest Products
$53 Billion for Florida's Economy

SUMMARY OF EVENTS

Wednesday Afternoon, July 19, 2000

8:00 - 12:00	SET UP EXHIBITS in the Jacaranda Hall
9:00 - 1:00	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
1:00 - 4:30	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 20, 2000

7:30 - 8:00	REGISTRATION in the Grand Palm Colonnade
7:30 - 8:00	COFFEE - In the Jacaranda Hall
8:00 - 5:00	CONFERENCE PROGRAM in the Island Ballroom
7:30 - 5:00	EXHIBITS in the Jacaranda Hall
11:45 - 12:15	EXHIBITOR PRESENTATION in the Jacaranda Hall
1:30 - 2:30	CONFERENCE PROGRAM in the Island Ballroom
2:30 - 5:00	LISTERIA PANEL in the Island Ballroom

Friday, July 21, 2000

7:30 - 8:00	COFFEE - Grand Palm Colonnade
8:00 - 11:30	CONFERENCE PROGRAM in the Island Ballroom

Exhibits Open:

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.**

Pathogens and Methods for the New Millennium

Wednesday Afternoon, July 19, 2000

12:00 - 1:00	REGISTRATION - Grand Palm Colonnade EXHIBITS (Open 12:00 - 6:30)
1:00 - 1:15	***Announcements and Welcome – Dr. Joanne Brown,*** *Chief, Bureau of Food and Residue Laboratories, Florida Department of Agriculture & Consumer Services (FDACS)*
1:15 - 2:00	Food Safety and International Trade Issues - **Dr. Martha Roberts**, Florida Department of Agriculture & Consumer Services
2:00 - 2:30	Current FDA Food Safety Issues - **Dr. Bob Buchanan**, Food and Drug Administration
2:30 - 3:00	Foodborne Enteric Protozoa: Latest Developments for Cryptosporidium and Cyclospora - **Dr. Joan Rose**, University of South Florida
3:00 - 3:30	**BREAK - VISIT EXHIBITORS -** **Refreshments in the Jacaranda Hall**
3:30 - 4:00	Update on Laboratory Operations and Coordination of Workgroup Activities - **Mr. Bill Krueger**, Minnesota Department of Agriculture
4:00 - 4:30	Method Validation: A Laboratory Perspective - **Mr. Carl Sciacchitano**, Food and Drug Administration
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

Poster Session

Jacaranda Hall

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

P1 Automated Microbe Analysis - **Mike Duffy**, O I Analytical, P. O. Box 9010, College Station, Texas 77842; (979) 690-1711, FAX (979) 690-0440; yraymond@oico.com

P2 Age Maturation of *Cryptosporidium parvum* - **Angie Coulliette**, University of South Florida, Department of Marine Science, 140 7th Avenue North, St. Petersburg, FL 33701; (727) 553-3930, FAX (727) 553-1189, angiec@seas.marine.usf.edu

P3 FDM-MPN Surface Sterilization Effects on Disinfected *Cryptosporidium parvum* Oocysts - **Theresa R. Slifko**, University of South Florida, 140 7th Avenue South, St. Petersburg, FL 33701; (727) 553-3415, FAX (727) 553-1189, slifko@marine.usf.edu

Please continue to visit our web site:

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

Thursday, July 20, 2000

Moderator: Grace Hall, Food Laboratory, FDACS

8:00 - 8:15	***Introduction and Announcements*** *- **Dr. Joanne Brown,** Chief, Bureau of Food and Residue Laboratories, FDACS*
8:15 - 9:00	**KEYNOTE: Microbiological Safety of Different Food Groups - Dr. Mike Doyle**, Director, Center for Food Safety and Quality Enhancement, University of Georgia,
9:00 - 9:30	Enhanced Detection of *E. coli O157:H7* - **Dr. Doug Abbott**, United States Department of Agriculture
9:30 - 10:00	The Microbiology and Epidemiology of Sous Vide Food Preparation Practices - **Major Tim Stevenson**, U. S. Army Veterinary Corps
10:00 - 10:30	**BREAK - VISIT EXHIBITORS - Refreshments in the Jacaranda Hall**
10:30 -11:00	Florida Foodborne Outbreaks - **Dr. Roberta Hammond**, Florida Department of Health
11:00 - 11:30	The Pathogen's Environment and its Effects on the Pathogen - **Dr. Doug Archer**, University of Florida
11:30	Door Prize Drawing - **You must be present to win!**
11:30 - 1:30	**Lunch** (on your own)

Exhibitor Presentation:

11:45 -12:15	Training Materials for Food Manufacturing Personnel - **Barb Beckman,** Medallion Laboratories

1:30 - 2:00	*Mycobacterium paratuberculosis*: Relationship with Crohn's Disease - **Dr. Paul Nicoletti**, University of Florida
2:00 - 2:30	Detection of Norwalk Virus - **Dr. Lillian Stark**, Florida Department of Health

LISTERIA PANEL

2:30 - 3:00	Molecular Subtyping of *Listeria monocytogenes* - **Dr. Martin Wiedmann**, Cornell University
3:00 - 3:30	**BREAK - VISIT EXHIBITORS - Refreshments in the Jacaranda Hall**
3:30 - 4:00	Control of *Listeria monocytogenes*: An Industry Perspective - **Ms. Jenny Scott**, National Food Processors Association
4:00 - 4:30	Listeria Detection and Isolation Methods in Seafood - **Dr. Catherine Donnelly**, University of Vermont
4:30 - 5:00	**Panel Discussion:** Questions and Answers
5:00	Door Prize Drawing - **You must be present to win!**

Friday, July 21, 2000

Moderator: Peggy Melton, Food Laboratory, FDACS

8:00 - 8:30	Bioterrorism Federal and State Response from Farm to Table - **Ms. Janell Kause,** United States Department of Agriculture
8:30 - 9:00	Characterization of *E. coli O157:H7* - **Ms. Joy Wells,** Center for Disease Control and Prevention
9:00 - 9:30	Molecular Typing and Detection of Vibrio Species - **Dr. Anita Wright**, University of Florida
9:30 - 10:00	**BREAK - Refreshments - Grand Palm Colonnade**
10:00 - 10:30	Food Pathogen Antimicrobial Resistance Issues - **Dr. Paula Fedorka-Cray**, United States Department of Agriculture
10:30 - 11:00	An Incident of Contamination of Foods in Belgium - **Colonel Robert R. Smith**, U. S. Army Veterinary Corps
11:00 - 11:20	Wrap up and Evaluation – **Peggy Melton**
11:20 - 11:30	**SPECIAL** Door Prize Drawing - **You must be present to win!**

PROGRAM SPEAKERS AND MODERATORS

Abbott, Dr. Douglas O., Chief, Special Projects and Outbreak Support Lab, United States Department of Agriculture, FSIS, Russell Research Center, 950 College Station Rd., Athens, GA 30605, (706) 546-3587, Fax (706) 546-3518, douglas.abbott@dchqexs1.hqnet.usda.gov

Archer, Dr. Douglas, Professor and Chair, Food Science & Human Nutrition Department, University of Florida, P. O. Box 110370, Gainesville, FL 32611-0370, (352) 392-1991, ext. 202, Fax (352) 846-1157, dlar@gnv.ifas.ufl.edu

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Buchanan, Dr. Bob, Food and Drug Administration, 200 C Street, SW, Washington, DC 20204, Fax (202) 205-4970, Rbuchana@bangate.fda.gov

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

Donnelly, Dr. Catherine, Department of Nutrition and Food Science, University of Vermont, 200 Carrigan Bldg., Burlington, VT 05405-0044, (802) 656-8300, FAX (802) 656-0001, cdonnell@zoo.uvm.edu

Doyle, Dr. Mike, Regents Professor and Director of Center for Food Safety & Quality Enhancement, University of Georgia, 1109 Experiment Street, Griffin, GA 30223-1797, (770) 228-7284, Fax (770) 229-3216, mdoyle@cfsqe.griffin.peachnet.edu

Fedorka-Cray, Dr. Paula, USDA-ARS, Russell Research Center, 950 College Station Road, Athens, GA 30605-2720, (706) 546-3305, Fax (706) 546-3066, pcray@ars.usda.gov

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

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

Kause, Janell R., United States Department of Agriculture, FSIS, Office of Public Health, Epidemiology and Risk Assessment Division, 1400 Independence Ave. SW, Room 3718 FC Building, Washington, DC 30350, (202) 501-7458, Fax (202) 501-6982, janell.Kause@USDA.gov

Krueger, Mr. William R. (Bill), Director, Laboratory Services Division, Minnesota Department of Agriculture, 90 W. Plato Blvd., Suite 241, St. Paul, MN 55107, (651) 296-1572, Fax (651) 297-8787, william.krueger@state.mn.us

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

Nicoletti, Dr. Paul, University of Florida, Professor, College of Veterinary Medicine, P. O. Box 110880, V3-107 Veterinary Academic Bldg., Gainesville, FL 32610-0880, (352) 392-4700 ext 5860, Fax (352) 392-9704, nicolettip@mail.vetmed.ufl.edu

Roberts, Dr. Martha, Deputy Commissioner, Florida Department of Agriculture & Consumer Services, The Capitol, Tallahassee, FL 32399-0810, (850) 488-3022, FAX (850) 488-0639, robertm@doacs.state.fl.us

Rose, Dr. Joan B., University of South Florida, College of Marine Sciences, 140 7th Avenue South, St. Petersburg, FL 33701, (727) 553-3928, Fax (727) 553-1189, Jrose@seas.marine.usf.edu

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

Scott, Jenny, Senior Director, Food Safety Program, National Food Processors Association, 1350 I Street, NW Suite 300, Washington, DC 20005 (202) 639-5985, Fax (202) 639-5991, jscott@nfpa-food.org

Smith, Colonel Robert R., Commander, South East Regional Veterinary Command, United States Army Veterinary Corps, Bldg. 505, North Range Road, Ft. Gordon, GA 30905-5650, (706) 787-7841, Fax (706) 787-7491, col_robert_smith@ln.amedd.army.mil

Stark, Dr. Lillian M., Florida Department of Health, Bureau of Laboratories, 3952 West M. L. King Jr. Blvd., Tampa, FL 33614-8404, (813) 871-7465, Fax (813) 871-7468, lillian_stark@doh.state.fl.us

Stevenson, Major Tim, United States Army Veterinary Corps, FSQA, Department of Defense, VETCom Food Analysis and Diagnostic Laboratory, 2472 Schofield Road Bldg. 2632, Fort Sam Houston, TX 78234-6232, (210) 295-4552, Fax (210) 270-2559, maj_timothy_stevenson@LN.amedd.army.mil

Wells, Joy G., Centers for Disease Control and Prevention, Chief, Epidemiology Investigation and Surveillance Laboratory, 1600 Clifton Road NE, Mail Stop C-03, Atlanta, GA 30333, (404) 639-3334, Fax (404) 639-3333, JGW1@cdc.gov

Wiedmann, Dr. Martin, Cornell University, Professor, Department of Food Science, 412 Stocking Hall, Ithaca, NY 14853-7201, (607) 254-2838, Fax (607) 254-4868, mw16@cornell.edu

Wright, Dr. Anita, University of Florida, P. O. Box 10370, Gainesville, FL 32611-0370, (352) 392-1991 ext 311, Fax (352) 392-9467, awright@gnv.ifas.ufl.edu

FUTURE MEETINGS

2000 **IAFP Annual Meeting** - *August 6-9, 2000, Atlanta, Georgia*

2001 **ASM General Meeting** - *May 20-24, 2001, Orlando, Florida*

Florida Foodborne Pathogen Analysis Conference - *July 18-20, 2001*
St. Pete Beach, Florida; Contact - Peggy Melton or Grace Hall
(850) 488-4407

IAFP Annual Meeting - *August 5-8, 2001, Minneapolis, Minnesota*

2002 **Florida Foodborne Pathogen Analysis Conference** - *July 24-26, 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

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
Patricia L. Baxter, Wafa Birbari

AOAC International
Arlene Fox, Shane Flynn

Becton Dickinson Bio Science
Dr. Ali Najafabadi

BioControl Systems, Inc.
Bob Demaree

C Squared Corporation
John Marchlenski, Tom Moher

Kendro Laboratory Products
Donna Popp, George Vik

Medallion Labs
Barb Beckman, Harry Leichtweis

Neogen Corporation
John Nelson

Remel, Inc.
Janice Jacobs, Jane Leverich, Ed George

Silliker Laboratories of Georgia
Elizabeth J. Epps

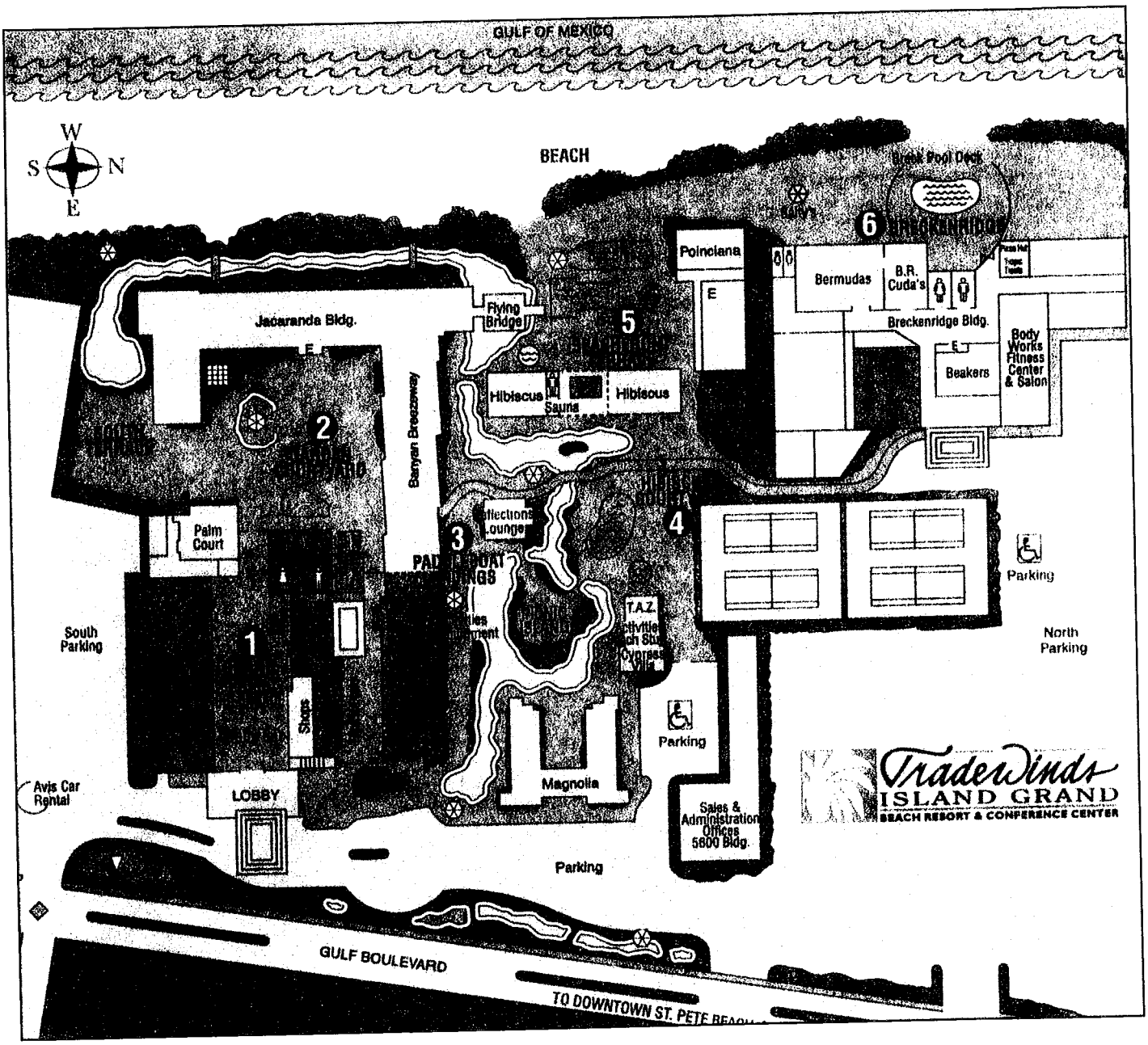
Thornton Laboratories, Inc.
Randy Cigarran, Matt Demers

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

Tropical Software Solutions, Inc.
John Stimos, Thomas Jackman

USDA/FSIS/OPHS
Dr. Patricia White

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.

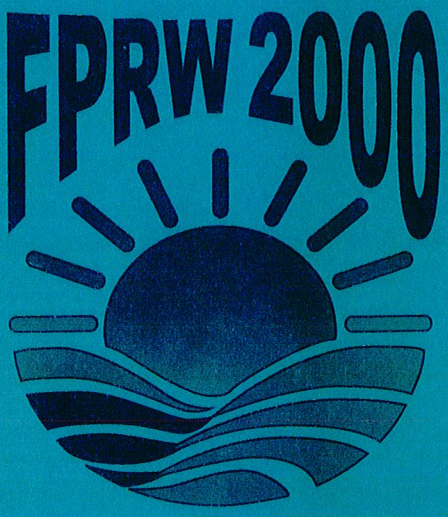
Grand Palm Colonnade 1
Garden Courtyard 2
Paddleboat Landings 3
Hibiscus Courtyard 4
Beachfront Terrace 5
Breckenridge 6

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



37th
PESTICIDE RESIDUE WORKSHOP

Sunday - Wednesday
July 16 - 19, 2000



Florida Department of Agriculture & Consumer Services
BOB CRAWFORD, Commissioner
The Capitol • Tallahassee, FL 32399-0800

July 16, 2000

Please Respond to:

Dear Attendee:

Welcome to the 37th Annual Florida Pesticide Residue Workshop.

As we enter a new millennium, pesticide residue chemists continue to face complex challenges. The Food Quality Protection Act is driving many decisions concerning pesticide registrations and tolerances and we are being asked to determine pesticides at lower levels. New pesticides are coming on the market and the use patterns for many existing pesticides are changing. As regulators and analysts, we must stay up to date on the latest issues and methodologies.

The overriding goal of the Florida Pesticide Residue Workshop is to help you meet those challenges by facilitating the sharing of very practical information in a friendly, casual setting.

Visit our exhibitors and see their latest analytical equipment. Take advantage of several vendor seminars offered during the Workshop. Attend general (and poster) sessions where authors will share real solutions. Use our frequent breaks and other activities to meet like-minded colleagues and expand your professional network. Join us Monday evening for a fabulous reception compliments of the TradeWinds Island Grand. And 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,

BOB CRAWFORD
COMMISSIONER OF AGRICULTURE

Joanne mike
Gail Pat Joanne

Workshop Coordinators:
Dr. Joanne Brown, Pat Beckett,
Gail Parker, Joanne Cook, Mike Page

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

Fresh from Florida

Florida Agriculture and Forest Products
$53 Billion for Florida's Economy

SUMMARY OF EVENTS

Sunday Afternoon, July 16, 2000

5:30 - 7:30 REGISTRATION in the Grand Palm Colonnade
6:30 - 8:30 SEMINAR: CARE, MAINTENANCE AND TROUBLESHOOTING OF CAPILLARY COLUMNS, Cameron George, J & W Scientific, in the Blue Heron Room
6:00 SET UP EXHIBITS in the Jacaranda Hall
7:00 AUDIO-VISUAL SET UP in the Island Ballroom

Monday, July 17, 2000

7:30 - 8:30 REGISTRATION in the Grand Palm Colonnade
8:30 - 4:55 TECHNICAL PROGRAM 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 18, 2000

6:30 - 7:30 MILE RUN/WALK ON THE BEACH
7:30 - 8:30 REGISTRATION in the Grand Palm Colonnade
8:30 - 3:30 ENVIRONMENTAL ISSUES SESSION in the Island Ballroom
3:30 - 4:00 SOUTHERN STATES CHECK SAMPLE PROGRAM REPORT In the Island Ballroom
3:30 - 5:00 POSTER SESSION in the Jacaranda Hall
5:00 - 7:00 SEMINAR: LARGE VOLUME INJECTION IN PESTICIDE ANALYSIS Ben Apon, ATAS
5:30 VOLLEYBALL GAMES ON THE BEACH

Wednesday, July 19, 2000

8:30 - 11:55 FOOD SAFETY ISSUES in the Island Ballroom
8:00 - 5:00 SEMINAR: PESTICIDE METHOD DEVELOPMENT WORKSHOP C. Kai Meng, Agilent Technologies

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.**

Technical Program

Monday Morning, July 17, 2000

7:30 - 8:30		REGISTRATION - Grand Palm Colonnade EXHIBITS - Open all day (7:30 a.m. - 5:00 p.m.) Jacaranda Hall COFFEE - In the Jacaranda Hall
8:30 - 8:40		*Announcements - **Gail Parker**, Chemical Residue Laboratory, Florida Department of Agriculture and Consumer Services (FDACS)*
1.	8:40 - 8:50	*Welcome - **J. D. Warren**, Division of Food Safety, FDACS*
2.	8:50 - 9:20	**Keynote:** Thirty Six Years of Pesticide Residue Monitoring Experience - One Man's Perspective - **George Fong**
3.	9:25 - 9:45	The Microwave Effect in the Extraction of Pesticide Residues in Foods - **Anson Moye**, University of Florida
	9:45 - 10:30	**Break - VISIT EXHIBITORS - Refreshments in the Jacaranda Hall**
4.	10:30 - 10:50	Enhanced Laboratory Management Using Internet Technology - **He (Harry) Zhong**, Florida A & M University
5.	10:50- 11:10	Statistical Determination of Pesticide Marker Compound Recovery Limits - **Chris Sack**, FDA
6.	11:10 - 11:30	ISO 17025 Requirements and Proficiency Testing - **Arlene Fox**, AOAC
7.	11:30 - 12:00	Dioxin/Dioxin-Like Measurement at US FDA in FY 2000 - **Douglas Hayward**, FDA
	12:05 - 12:15	Door Prize Drawing - **You must be present to win!**
	12:15 - 1:30	**Lunch** (on your own)

Monday Afternoon, July 17, 2000

INNOVATIVE TECHNIQUES FOR PESTICIDE RESIDUE ANALYSES

Moderator: Gail Parker, Chemical Residue Laboratory, FDACS

8.	1:30 - 1:50	Accelerated Solvent Extraction of Pesticide Residues from Large Volume Samples - **Lyle Covino**, Dionex Corporation
9.	1:50 - 2:10	Comparison of Five Extraction Methods on Incurred and Fortified Pesticides in Composite Diets: Blender, Soxhlet, ASE, Microwave, and SFE - **Laura Rosenblum**, Jeffrey Morgan, EPA, Cincinnati; Sherry Garris, South Carolina Department of Agriculture
10.	2:10 - 2:30	Degradation of Chlorothalonil in Cranberry Bog Environments - Identification of Metabolites - **Raymond Putnam**, Massachusetts Pesticide Residue Lab
11.	2:30 - 2:50	Analysis of Chlorothalonil and its Hydrolysis Products in Surface and Groundwater by SPE LC/MS - **Thomas Potter**, USDA-ARS
	2:50 - 3:35	**Break - VISIT EXHIBITORS - Refreshments in the Jacaranda Hall**
12.	3:35- 3:55	ELISA Techniques-A Critique - **Harry C. Leichtweis**, Medallion Laboratories
13.	3:55 - 4:15	HPLC Determination of Fungicide Residues in Fruit Juices Using Photo-Diode Array and Mass Spectrometic Detection - **Jim Krol** and Michael S. Young, Waters Corporation
14.	4:15- 4:35	Stir Bar Sorptive Extraction (SBSE): Can it Really Simplify Residual Pesticide Analysis in Fruits and Vegetables? - **John Thorp**, Gerstel Inc.
15.	4:35- 4:55	Immunoassay Analysis for Chlorpyrifos in Foods - **Jeanette M. Van Emon**, EPA, NERL
	4:55 - 5:05	Door prize drawing - **You must be present to win!**
	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

Tuesday Morning, July 18, 2000

Mile Run/Walk on the Beach

6:30 Runners/Walkers assemble and sign-up on the Beach by the TradeWinds
6:40 Instruction by the Referee
6:45 Run/Walk Start
7:30 Run/Walk Ends

7:30 - 8:30 REGISTRATION - Grand Palm Colonnade
EXHIBITION - Open all Day - Jacaranda Hall
Early Morning Coffee in the Jacaranda Hall

ENVIRONMENTAL ISSUES

Moderator: Mike Page, Pesticide Laboratory, FDACS

16. 8:30 - 8:50 Water Quality Best Management Practices for Watershed Management - **Kenneth A. Kuhl**, Bureau of Pesticides, FDACS

17. 8:55 - 9:15 Pesticide and Pesticide Residue Data in Florida Pesticide Management - **Keith D. Parmer**, Bureau of Pesticides, FDACS

18. 9:15 - 9:35 The Occurrence of Sulfonylureas, Imidazolinones, and Sulfonamide Herbicides in Surface Waters of the Midwest in 1998 (Part 1) - **William Battaglin**, USGS

19. 9:35 - 9:55 The Occurrence of Sulfonylureas, Imidazolinones, and Sulfonamide Herbicides in Surface Waters of the Midwest in 1998 (Part 2) - **Mike Duffy**, DuPont Ag Products

10:00 - 10:45 **Break - VISIT EXHIBITORS - Refreshments in the Jacaranda Hall**

20-22: Investigation into the Deaths of Fish-eating Birds at Lake Apopka:

20. 10:45 - 11:05 Toxaphene Analytical Procedures - **Steve Richter**, (SJRWMD); John Moore, (UJFWS); Wayne Turnbull, (USEPA); Karri Warneck, (EnChem); Tim Fitzpatrick, (FDEP); Nancy Szabo, (UFATCL); Linda Jennings, (OCEPD)

21. 11:05 - 11:25 Preliminary Soil Results - **Erich Marzolf**, Michael Coveney, Dawne Wilson, Edgar Lowe, St. Johns River Water Management District; Robert Servillo, BEM Systems Inc.

22. 11:25 - 11:45 Preliminary Wildlife Results - **Roxanne Conrow**, Elizabeth Mace, Steven Richter, (St. Johns River Water Management District); John Schell, (BBL Sciences); David Stites, (CH2M Hill)

	11:50 -12:00	Door Prize Drawing - **You must be present to win!**
	12:00 - 1:30	**Lunch** (on your own)

Tuesday Afternoon, July 18, 2000

Moderator: Mike Page, Pesticide Laboratory, FDACS

23.	1:30 - 1:50	Environmental Residues of Metalaxyl, **Raymond Allum** and Teresa Rygiel, Pesticide Laboratory, FDACS
24.	1:50 - 2:10	Automated Method for Cleanup and Determination of Benomyl and Thiabendazole in Table-Ready Foods - **Ron Luchtefeld**, FDA
25.	2:10 - 2:30	Cleanup of Chlorinated and Organophosphorus Pesticide Extracts Using Graphitized Carbon - **Frank Dorman**, Restek
26.	2:30 - 2:50	Mississippi State Report and Meeting the Analytical Challenges of Southern Aquaculture - **Reba Ingram**, Mississippi State Chemical Laboratory
27.	2:50 - 3:10	South Carolina Report: Pesticide Residue Activities Sherry Garris, **Charles Douglas**, Chanin Craft; South Carolina Department of Agriculture
	3:10 - 3:20	Door Prize Drawing - **You must be present to win!**
	3:30 - 4:00	Southern States Check Sample Meeting for Participating Laboratories - **Pat Beckett**
	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 Sticker Cards**
		Exhibition closes after the poster session
	5:00 - 7:00	**SEMINAR: Large Volume Injection in Pesicide Analysis** Ben Apon, ATAS
	5:30 p.m. till	**VOLLEY BALL GAMES ON THE BEACH**

Tuesday, July 18, 2000

Poster Session

Jacaranda Hall

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

P1 Hydroxyl Radical Rate Constants for Pesticides: Measurements and Estimates of their Importance to Pesticide Fate in Aquatic Environments - **Kevin L. Armbrust**, University of Georgia

P2 The Occurrence of Chlorothalonil and Chlorpyrifos Degradation Products in Leachate from Golf Course Greens - **Kevin L. Armbrust**, University of Georgia

P3 Photodegradation of Hydroxychlorothalonil in Aqueous Solution - **Kevin L. Armbrust**, University of Georgia

P4 Quantification of Pyrethrins and PBO Residues in Soil, Water, and Plant Tissues - **George F. Antonious**, Kentucky State University

P5 Isopropyl Alcohol: A Less Toxic Substitute for Methylene Chloride in the Analysis of Triazines in Soil Samples - **Alan P. Thio**, University of Kentucky

P6 Determination of Selected Resin Acids in Paper Mill Effluent and in the Bile of Exposed Fish - **Brian Quinn**, University of Florida

P7 A GC-MS Method Used for Identification of Pesticides and Endocrine Disrupters in Foods - **C. Kai Meng**, Agilent Technologies

P8 Precise Time-Scaling of GC-MS: Fast Analysis with the Same Elution Order - **C. Kai Meng**, Agilent Technologies

P9 Auto Dual Column Confirmation Reporting Using Retention Time Locking - **C. Kai Meng**, Agilent Technologies

P10 Stir Bar Sorptive Extration (SBSE) Applied to Environmental Aqueous Samples - **John Thorp**, Gerstel Inc.

P11 LC/MS Applications in a Pesticide Laboratory - **Doug Hite**, Tennessee Department of Agriculture

P12 Rtx-CLPesticides Columns: The Answer to Pesticide Analysis Separation Requirements - **Frank L. Dorman**, Restek Corp.

P13 Novel Mixed-Mode SPE Sorbents for LC-MS Analysis of Pesticides and Related Compounds - **Michael S. Young** and Michael F. Early, Waters Corporation

P14 Independent Laboratory Validations of a GC/NPD - LC/MS/MS Assay for Hexazinone and Six Soil and Water Metabolites - **Richard Grazzini**, Centre Analytical Laboratories, Inc.

P15 Large Volume Injection in Capillary Gas Chromatography - Are You Ready? - **Ben Apon** and Wil van Egmond, ATAS USA, Inc.

P16 The Analysis of Thiabendazole and Imazalil in Peeled Oranges using LC/MS and LC/MS/MS - **Walter Hammack**, Chemical Residue Lab, FDACS

P17 Validation: GC-XSD Determination of Pesticides in Food - **James Daft**, Pesticides Team, Food and Drug Administration

P18 Analytical Residue Method for the Determination of MKH 3586 Residues in Plant Matrices - **Abraham E. Mathew**, T. G. Gould, D. L. Bucklin, F. S. Bretch, M. J. Kraai and J. J. Murphy, Bayer Corporation

Wednesday Morning, July 19, 2000

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

FOOD SAFETY ISSUES

Moderator: George Fong, Chemical Residue Laboratory, FDACS

28.	8:30 - 8:50	Current Food Safety Issues in the Chemical Arena - **Martha Roberts**, Florida Department of Agriculture & Consumer Services
29.	8:55 - 9:15	National Food Safety System (NFSS) Presentation - **William R. Krueger**, Minnesota Department of Agriculture
30.	9:20 - 9:40	Human Health Aggregate Risk Assessment - **Ed Zager**, EPA/OPP
31.	9:45 - 10:05	USDA's Pesticide Data Program: New Inititatives in Sampling and Testing - **Martha Lamont**, USDA, Pesticide Data Program
	10:05 - 10:35	**Break - Refreshments in the Grand Palm Colonnade**
32.	10:35 - 10:55	How Low Can We Go? Methods Development for Pesticide Risk Assessment - **Amy Brown**, Brian Reliford, Pat Beckett; Chemical Residue Laboratory, FDACS
33.	10:55 - 11:15	Multi-residue Pesticide Analysis in Poultry Tissues - **Roger Simonds**, Ed Jankowski, Michael Legendre, USDA, Eastern Laboratory
34.	11:15 - 11:35	A Multi Residue Method (MRM) for Organophosphates and Metabolite Pesticide Residues at the ppb Level in Representative Commodities - **Lynda Podhorniak**, EPA/OPP
35.	11:35 - 11:55	GC-XSD Determination of Pesticides in Food - **James Daft**, FDA
	11:55 - 12:00	Door Prize Drawing - **You must be present to win!**

37th 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 Koch

ABC Research Corporation
Kathy Berry / Diane Northcott

ADPEN Laboratories
Rolando Perez, Steve Perez

Agilent Technologies/J & W Scientific
Charlene Fusco / Lynn Jones / Cameron George

AOAC International
Arlene Fox, Shane Flynn

ATAS USA, Inc.
Will Van Egmond / Ben Apon
William L. Yauger, Jr.

CEM Corporation
Bob Revesz

Dionex Corporation
Brian Thompson / Bob Moye /
Karl Kastner / Lyle Covino

EN-CAS Analytical Laboratories
Bert Clayton

Jones Chromatography
Elena Gairloch / Sherry Gregory

Medallion Laboratories,
Barbara Beckman / Harry Leichtweis

O. I. Analytical
Mike Duffy / Todd Stoner

Orion Research, Inc.
David Singer

PE Biosystems
Rich Gunter, John Kearns

Perkin Elmer Corporation
Jim Wagner / Mike Burke /
Bob Riggs / Eric Hess

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

Sci-Con
Joanne Westmoreland / James Westmoreland

Scientific Software
Mickey McAllister

SGE, Inc.
Larry Ballard

Shimadzu Scientific Instrument, Inc.
Ken Jones / Jeffrey Ratliff

Southern Testing & Research Labs, Inc.
Marjorie McKinney

Strategic Diagnostics, Inc.
Dave Deardorff

Tekmar-Dohrmann
Pete Vega

ThermoQuest Corporation
Meredith Conoley, Robert Farr, Randy Porch

Tropical Software Solutions, Inc.
John T. Stimos, Thomas A. Jackman

Varian, Inc.
Howard Suddeth / Scott Moore/
Gary Cook / Phil Tondra

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FUTURE MEETINGS

2001 **California Pesticide Residue Workshop** - *March 18-21, 2001*
Sacramento

Florida Pesticide Residue Workshop - *July 15-18, 2001*
St. Pete Beach, Florida, USA
Contact: Gail Parker, Pat Beckett or Joanne Cook at (850) 488-9670

2002 **European Pesticide Residue Workshop** - *June 24-26, 2002*
Rome

Florida Pesticide Residue Workshop - *July 21-24, 2002*
St. Pete Beach, Florida, USA
Contact: Gail Parker, Pat Beckett or Joanne Cook at (850) 488-9670

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

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