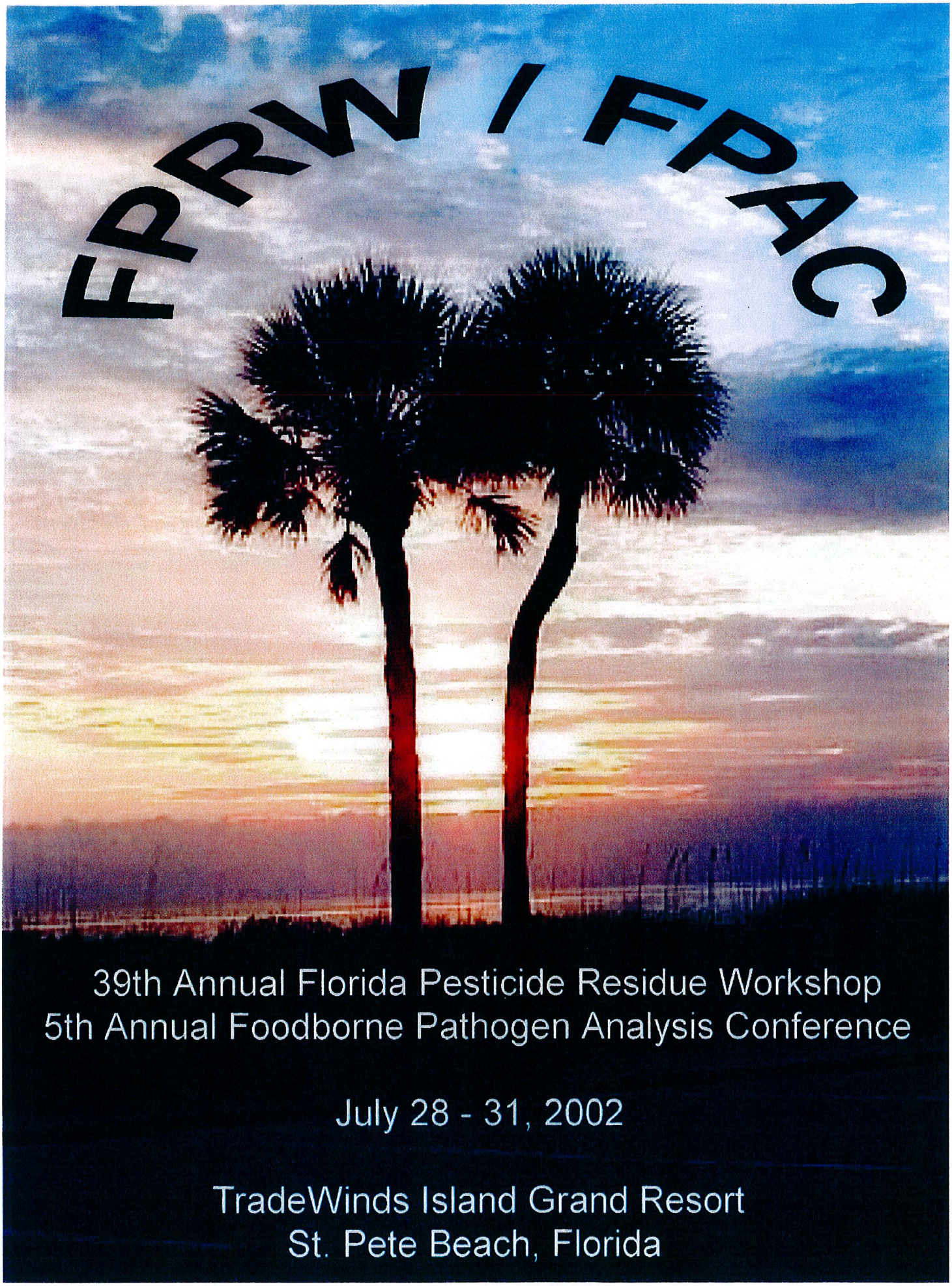


39th Annual Florida Pesticide Residue Workshop
5th Annual Foodborne Pathogen Analysis Conference

July 28 - 31, 2002

TradeWinds Island Grand Resort
St. Pete Beach, Florida

FPRW

FPAC

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

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

July 28, 2002

Dear Attendee:

Welcome to the 39th Annual Florida Pesticide Residue Workshop and the 5th Annual Foodborne Pathogen Analysis Conference.

For the first time these two meetings are being conducted concurrently (Monday and Tuesday) with a JOINT session on Wednesday. Most of our activities are being conducted jointly (e.g. breaks, exhibition, poster session, etc). We hope the "cross-pollination" of disciplines will expand your ability to meet today's laboratory challenges.

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 a number of free vendor seminars.

As always, our goal is to conduct these meetings 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.

Following the meetings, a list of all attendees and exhibitors will be available to download from the FPRW website.

Sincerely,

Your Meeting Coordinators:

W. George Fong, Pat Beckett, Peggy Melton, Joanne Cook,
Gail Parker, Mike Page, Patty Lucas, Grace Hall



SUMMARY OF EVENTS

Sunday Evening, July 28, 2002

5:30 - 8:30	REGISTRATION - Grand Palm Colonnade
6:00 - 8:00	**Micromass** Seminar - Blue Heron Room
	O I Analytical Seminar - Snowy Egret Room
6:00 -10:00	SET UP EXHIBITS - Jacaranda Hall
6:00 -10:00	SET UP POSTERS - Bird Key / Indian Key Ballrooms
7:00 - 8:00	FPRW AUDIO-VISUAL SET UP - Sawyer Key / Long Key Ballroom
7:00 - 8:00	FPAC AUDIO-VISUAL SET UP - Tarpon Key Ballroom

Monday, July 29, 2002

All day	EXHIBITION - Jacaranda Hall
7:30 - 8:30	REGISTRATION - Grand Palm Colonnade
7:30 - 8:30	EARLY MORNING COFFEE - Jacaranda Hall
7:30 - 8:30	SET UP POSTERS - Bird Key / Indian Key Rooms
8:30 - 5:00	FPRW TECHNICAL SESSION - Sawyer Key / Long Key Ballroom
8:30 - 5:00	FPAC TECHNICAL SESSION - Tarpon Key Ballroom
12:15 - 1:15	**LECO** Seminar - Blue Heron Room
	EST Analytical Seminar - Snowy Egret Room
5:05 - 5:35	SOUTHERN STATES CHECK SAMPLE (SSCS) MEETING - Committee Members ONLY
6:30 - 7:30	RECEPTION - Jacaranda Hall

Tuesday, July 30, 2002

6:30 - 7:30	MILE RUN / WALK - on the beach
7:30 - 8:30	EARLY MORNING COFFEE - Jacaranda Hall
7:30 - 4:00	EXHIBITION - Jacaranda Hall
8:00 - 8:30	REGISTRATION - Grand Palm Colonnade
8:30 - 3:30	FPRW TECHNICAL SESSION - Sawyer Key / Long Key Ballroom
8:30 - 3:30	FPAC TECHNICAL SESSION - Tarpon Key Ballroom
Noon - 1:00	**Agilent** Seminar - Blue Heron Room
	ThermoFinnigan Seminar - Snowy Egret Room
4:00	END OF EXHIBITION - Special door prize drawing
4:00 - 4:30	SSCS PROGRAM REPORT - Sawyer Key / Long Key Ballroom
4:30 - 5:30	POSTER SESSION - Bird Key / Indian Key Rooms
5:30 - 7:00	FPRW MS USERS MEETING - Informal discussion of quantitation, challenges, solutions.
5:30 till...	VOLLEYBALL GAMES - on the beach

Wednesday, July 31, 2002

7:30 - 8:30	EARLY MORNING COFFEE - Grand Palm Colonnade
8:00 - 8:30	REGISTRATION - Grand Palm Colonnade
8:30 - noon	FPRW / FPAC JOINT TECHNICAL SESSION - Island Ballroom

Table of Contents

	Page(s)
General Information	2
FPRW Exhibitor Seminars	3
Technical Sessions	4-12
Site Maps	13 and 23
Poster Session	14-15
Exhibitors	16
Presenter Addresses	17-21

GENERAL INFORMATION

Registration - Grand Palm Colonnade

Check in at the registration desk at your earliest opportunity
Sunday - 5:30-8:30 pm
Monday - 7:30-8:30 am
Tuesday - 8:00-8:30 am
Wednesday - 8:00-8:30 am

Your Registration Packet includes:

Registration Receipt
Name Badge
Exhibition Door Prize Card
Extra Technical Session Door Prize tickets - ONLY if your registration was paid by June 15, 2002.

KEY to Presentation Numbering System

FPRW talks are numbered, **P1, P2, P3** ...	P = Pesticide
FPRW posters are numbered, **PP1, PP2, PP3** ...	PP = Pesticide Poster
FPAC talks are numbered, **F1, F2, F3** ...	F = Foodborne
FPAC posters are numbered, **FP1, FP2, FP3** ...	FP = Foodborne Poster
FPRW-FPAC Joint session talks are numbered, **J1, J2, J3**...	J = Joint Session

Presenter's addresses on pages 17-21 are cross-indexed to these numbers.

Poster Session

All posters will be in the Bird Key / Indian Key Ballrooms. Posters may be viewed all day Monday and Tuesday. Authors will be at their posters during the formal poster session Tuesday 4:30 - 5:30 pm.

Exhibits

All day Monday and Tuesday in the Jacaranda Conference Hall
Monday - 7:30 am - 5:00 pm, and during Monday evening reception 6:30-7:30 pm
Tuesday - 7:30 am - 4:00 pm

Coffee and Breaks

Coffee will be available 7:30 - 8:30 am each morning. On Monday and Tuesday morning coffee and all other breaks will be served in the Jacaranda Conference Hall (in conjunction with exhibition). On Wednesday all coffee and breaks will be served in the Grand Palm Colonnade.

Announcements

Moderators will make general announcements from the podium. If you need to convey such information to a moderator, you must fill out an announcement form and submit it to W. George Fong. These announcement forms will be available at the registration desk / office.

Beach Mile RUN / WALK

Tuesday 6:30 - 7:30 am. Runners/Walkers Assemble, Sign-up, and receive instructions - on the Beach in front of the TradeWinds. There will be prizes for top finishers.

Door Prizes

Technical session door prizes will be drawn at the end of each morning and afternoon technical session. You must be ON TIME at the beginning of each technical session to receive a ticket. You must be present at each drawing to win. There will be a separate special drawing at the close of the exhibition on Tuesday for all attendees who have completed an Exhibition Door Prize Card.

Job Placement Bulletin Board

Self serve message board for those offering or seeking employment

Attendee List

A complete list of all attendees and exhibitors will be posted on our web site after the meeting.
http://www.doacs.state.fl.us/~fs-prw

FPRW VENDOR SEMINARS - FREE

All include complimentary snacks

Sunday Evening, July 28, 2002

6:00 - 8:00 **Micromass Seminar**: Blue Heron Room

Time-Of-Flight Technology and its Application to Trace Residue Analysis, **Mr. Anthony Newton**

6:00 - 8:00 **O I Analytical Seminar**: Snowy Egret Room

How to Get the Best Results From Your Pulsed Flame Photometric Detector, Optimization of PFPD Hardware, Gate Parameters, and Advanced Capabilities Utilizing OI Analytical's PFPD View Software, **Ms. Laura Chambers**

Monday Lunchtime, July 29, 2002

12:15 - 1:15 **LECO Seminar:** Blue Heron Room

A Powerful Tool for Finding Pesticides in Fruits and Vegetables: Gas Chromatography - Time-of-Flight Mass Spectrometry, **Mr. Jack Cochran**

12:15 - 1:15 **EST Analytical Seminar**: Snowy Egret Room

Large Volume Injection: Using the Difficult Matrix Injection Technique (DMI) for the Screening of Organo Phosphorous Pesticides in Food by GC-MS Analysis, **Mr. Ronald S. Henner**

Tuesday Lunchtime, July 30, 2002

Noon - 1:00 **Agilent Seminar:** Blue Heron Room

Demonstration of Powerful New Software Tools for Pesticide Screening, **Dr. Kai Meng** and **Dr. Phil Wylie**

Noon - 1:00 **ThermoFinnigan Seminar:** Snowy Egret Room

Apt Apps for the Ion Trap: The Use of MS/MS to Selectively Extract Target Compounds from Complex Matrices, **Ms. Diana Baker**

Monday Morning, July 29, 2002

FPRW Technical Program - Session 1

Sawyer Key / Long Key Ballroom

Pesticides And Emerging Contaminants In Environmental Matrices

Moderator: **Ms. Patty Lucas**

	8:30 - 8:40	Welcome - **Ms. Pat Beckett**, Division of Food Safety, Florida Department of Agriculture and Consumer Services
P1	8:40 - 9:25	**KEYNOTE** - Endocrine Disrupters and Emerging Contaminants: New Paradigms? Examples of Occurrence in Surface Water, **Dr. Michael Meyer,** United States Geological Survey
P2	9:30 - 9:45	Analysis of Caffeine by LC/MS, GC/MS and GC/NPD in Water Samples, **Dr. Mohammad Ghaffari**, Florida Department of Environmental Protection
P3	9:45 -10:05	The Occurrence of Lawn Care Pesticides in Suburban Watersheds, **Dr. Kevin Armbrust**, Mississippi State Chemical Laboratory
	10:05 - 10:55	**Break - VISIT EXHIBITORS - Refreshments in Jacaranda Hall**
P4	11:00 - 11:20	The LC/MS Quantification of Carbamate Pesticides in Waste Constituents in Drinking Water and Waste Water - A Fully Automated Protocol, Dr. Kate Yu, Jim Krol, **Dr. Michael Balogh**, Waters Corporation
P5	11:20 - 11:40	Application of Ion Trap Tandem Mass Spectrometry to National Coastal Assessment, **Dr. David Klein,** Texas Parks and Wildlife
P6	11:40 - 12:00	Techniques for Improving Detection Limits for Pesticides with GC/MS, **Ms. Heidi Griffith,** Perkin Elmer
	12:00 - 12:15	Door Prize Drawing - **You must be present to win!**
	12:15 - 1:35	**Lunch** (on your own)
	12:15 - 1:15	**LECO Vendor Seminar**: Blue Heron Room see page 3 **(Drinks and snacks provided)**
	12:15 - 1:15	**EST Analytical Vendor Seminar**: Snowy Egret Room see page 3 **(Drinks and snacks provided)**

Monday Morning, July 29, 2002

FPAC Technical Program - Session 1

Tarpon Key Ballroom

Moderator: **Ms. Peggy Melton**

	8:30 - 8:40	Welcome - **Ms. Peggy Melton**, Division of Food Safety, Florida Department of Agriculture and Consumer Services
F1	8:40 - 9:20	The Significance of Indicator Organisms, **Dr. Bob Brackett**, US Food and Drug Administration
F2	9:20 - 10:05	Using Genomics to Understand Evolution and Spread of Food Borne Pathogens, **Dr. Andrew K. Benson**, University of Nebraska - Lincoln
	10:05 - 10:55	**BREAK - VISIT EXHIBITORS** **Refreshments in the Jacaranda Hall**
F3	10:55 - 11:40	Conventional Wisdom in Spite of Information: The *Bacillus cereus* Toxins, **Mr. Reginald Bennett**, US Food and Drug Administration
F4	11:40 - 12:10	Preparedness Planning: Where are you going? **Ms. Anne Weber**, Montana Public Health Laboratory
	12:10 - 12:15	Door Prize Drawing - **You must be present to win!**
	12:15 - 1:35	**Lunch** (on your own)

Monday Afternoon, July 29, 2002

FPRW Technical Program - Session 2

Sawyer Key / Long Key Ballroom

Mass Spectrometry Techniques: Practical Applications And Problem Solving

Moderator: **Ms. Joanne Cook**

35 **P7** 1:35 - 2:10 The Future of Mass Spectrometry in Agrochemical Analysis - **Dr. James J. Stry**, Dupont Crop Protection

20 **P8** 2:10 - 2:30 Fast GC - Time-of-Flight Mass Spectrometry of Pesticides in Fruits and Vegetables, **Mr. Jack Cochran**, LECO Corporation

20 **P9** 2:30 - 2:50 Comparing Matrix Effects on Response using ESI and APCI Interfaces for HPLC/MS Analysis, **Dr. William Holmes**, Mississippi State University

2:50 - 3:35 **Break - VISIT EXHIBITORS - Refreshments in Jacaranda Hall**

20 **P10** 3:35 - 3:55 Pesticide and Agrochemical Analysis by Photoionization MS - Jack A. Syage, **Dr. Matt Evans**, and K. Hanold, Syagen Technology, Inc

20 **P11** 3:55 - 4:15 High Resolution Mass Spectrometry versus Ion Trap Dioxin Analysis, **Dr. Ralph H. Vocque**, US Food and Drug Administration, Arkansas Regional Laboratory

20 **P12** 4:15 - 4:35 Analyzing Phenyl Ureas and Carbamates with HPLC/API-MS, **Dr. Kai Meng,** Agilent Technologies

20 **P13** 4:35 - 4:55 Crop Matrix Effect on LC/MS/MS, **Dr. Audrey W. Chen**, FMC Corporation

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**
Jacaranda Conference Center (complimentary hors d'oeuvres and soft drinks; cash bar for alcoholic beverages)

Monday Afternoon, July 29, 2002

FPAC Technical Program - Session 2

Tarpon Key Ballroom

Moderator: **Ms. Grace Hall**

F5	1:35 - 2:05	Critical Steps in the Detection of *Listeria monocytogenes* Using Cultural Methods, **Dr. Anthony Hitchins**, US Food and Drug Administration
F6	2:05 - 2:50	Immunological and Genetic Techniques for the Detection of *Listeria monocytogenes,* **Dr. Joe Madden**, Neogen
	2:50 - 3:35	**BREAK - VISIT EXHIBITORS** **Refreshments in the Jacaranda Hall**
F7	3:35 - 4:15	Detection and Quantification of Food-Borne Pathogens using the Lightcycler, **Dr. Charles Hardwick**, Roche Applied Science
F8	4:15 - 4:55	Detection and Quantitation Methods for GMO Sequences in Processed Foods, **Dr. Matthew C. Lorence**, Applied Biosystems
	4:55 - 5:00	Door Prize Drawing - **You must be present to win!**
	6:30 - 7:30	**Reception - Sponsored by the TradeWinds Grand Island Resort** Jacaranda Conference Center (complimentary hors d'oeuvres and soft drinks; cash bar for alcoholic beverages)

Tuesday Morning, July 30, 2002

FPRW Technical Program - Session 3

Sawyer Key / Long Key Ballroom

Analysis Of Foods For Pesticide Residues

Moderator: **Ms. Pat Beckett**

P14	8:30 - 9:00	Quick, Easy, Cheap, Effective, Rugged and Safe (QuEChERS) Approach for the Determination of Pesticide Residues, **Dr. Steven J. Lehotay**, US Department of Agriculture, Agricultural Research Service
P15	9:00 - 9:20	SPE Cleanup and the Analysis of Part Per Billion Levels of Pesticides in Fruits and Vegetables, **Mr. Frank Schenck**, US Food and Drug Administration
P16	9:20 - 9:40	Trace Pesticides Analysis in Rice, **Mr. Thomas Weber**, US Department of Agriculture, GIPSA
P17	9:40 - 10:00	Pesticide Screening by GC/ICP/MS: Is this a Viable Technique? **Dr. Philip Wylie**, Agilent Technologies
	10:00 - 10:45	**Break - VISIT EXHIBITORS - Refreshments in Jacaranda Hall**
P18	10:45 - 11:05	Expanding the Role of GC/MSD in FDA's Pesticide Program, **Dr. Greg Mercer**, US Food and Drug Administration
P19	11:05 - 11:25	Pesticide Screening in Imported Foods: Can We Plan Ahead? **Ms. Susan Eigen**, Georgia Department of Agriculture
P20	11:25 - 11:45	Using Identification Points in the Confirmation of Residues, **Ms. Gail Parker**, Florida Department of Agriculture and Consumer Services
	11:45 -12:00	Door Prize Drawing - **You must be present to win!**
	12:00 - 1:30	**Lunch** (on your own)
	12:00 - 1:00	**Agilent Vendor Seminar:** Blue Heron Room see page 3 **(Free Lunch provided)**
	12:00 - 1:00	**Thermofinnigan Vendor Seminar:** Snowy Egret Room see page 3 **(Drinks and snacks provided)**

CAP Meeting - Compass Room

CAP Meeting - Back 1:30 PM

Tuesday Morning, July 30, 2002

FPAC Technical Program - Session 3

Tarpon Key Ballroom

Moderator: **Ms. Peggy Melton**

F9	8:30 - 9:15	Food Irradiation - A Status Report, **Dr. Richard Hunter**, Food Technology Service
F10	9:15 - 10:00	Evaluation and Selection of Rapid Detection Methods, **Mr. Tim Jackson**, Nestle
	10:00 - 10:45	**BREAK - VISIT EXHIBITORS** **Refreshments in the Jacaranda Hall**
F11	10:45 - 11:30	QA Panel: Cross Contamination Issues **Dr. Douglas Abbott**, US Department of Agriculture **Ms. Yvonne Hale**, Florida Department of Health **Mr. Carl Sciacchitano**, US Food and Drug Administration
F12	11:33 - 11:55	Rapid Microbiological Methods and Automation in a Regulatory Environment, **Ms. Alice Cohen**, US Food and Drug Administration
	11:55 - 12:00	Door Prize Drawing - **You must be present to win!**
	12:00 - 1:30	**Lunch** (on your own)

Tuesday Afternoon, July 30, 2002

FPRW Technical Program - Session 4

Sawyer Key / Long Key Ballroom

Analysis Of Foods For Pesticide Residues

Moderator: **Ms. Gail Parker**

P21	1:30 - 1:50	A Multiresidue Method For Methyl Carbamates at the PPB Level on Selected Crops, **Ms. Lynda Podhorniak**, US Environmental Protection Agency, Analytical Chemistry Branch
P22	1:50 - 2:10	Applications of LC/MS and LC/MS/MS to the Analysis of Pesticide Residues, **Dr. Alexander J. Krynitsky,** US Environmental Protection Agency
P23	2:10 - 2:30	Analysis of Chloramphenicol in Shrimp, **Mr. Walter Hammack**, Florida Department of Agriculture and Consumer Services
P24	2:30 - 2:50	Optimization of GC/MS/MS Analysis of Pesticides with Variable Damping Gas and Large Volume Injection with Backflush, **Ms. Jessie Butler**, ThermoFinnigan Corporation
P25	2:50 - 3:10	Food and Drug Administration's Total Diet Study - Status, Trends and Future, **Mr. Chris A. Sack**, US Food and Drug Administration
P26	3:10 - 3:30	From Anthrax to Zeta-cypermethrin and other Agricultural Issues In-Between, **Ms. Reba L. Ingram**, Mississippi State Chemical Laboratory
		Technical session door prize drawing will be combined with the special exhibition door prize drawing in the Jacaranda Hall
	3:30 - 4:00	**Refreshments and Door Prize Drawing in Jacaranda Hall**
		Special Door Prize Drawing for those who submit completed Exhibitor Cards. You must be present to win!
		Exhibition closes
	4:00 - 4:30	**Southern States Check Sample Program Meeting**
	4:30 - 5:30	**Poster Session in Bird Key / Indian Key Rooms** **Authors available at their posters**
	5:30 - 7:00	**MS USERS MEETING** - Share Challenges and Solutions: quantitation issues, ionization issues, matrix effects, ion suppression and enhancement, confirmation criteria, best sample introduction techniques, pros and cons of time of flight and triple quad instruments, etc.
	5:30 till	**VOLLEY BALL GAMES ON THE BEACH**

Tuesday Afternoon, July 30, 2002

FPAC Technical Program - Session 4

Tarpon Key Ballroom

Moderator: **Ms. Grace Hall**

F13	1:30 - 2:25	Security of the Food Industry, **Dr. Ronald H. Schmidt**, University of Florida
F14	2:25 - 3:00	Protecting the U.S. Food Supply in a Global Economy: An Expert Gap Analysis, **Dr. Paul Hall**, Kraft Foods
F15	3:00 - 3:30	Detection of Botulinum Toxins using an ELISA Method, **Dr. Joe Ferreira,** US Food and Drug Administration
		Technical session door prize drawing will be combined with the special exhibition door prize drawing in the Jacaranda Hall
	3:30 - 4:00	**Refreshments and Door Prize Drawing in Jacaranda Hall**
		Special Door Prize Drawing for those who submit completed Exhibitor Cards. You must be present to win!
		Exhibition closes
	4:30 - 5:30	**Poster Session in Bird Key / Indian Key Rooms** **Authors available at their posters**
	5:30 till	**VOLLEY BALL GAMES ON THE BEACH**

Wednesday Morning, July 31, 2002

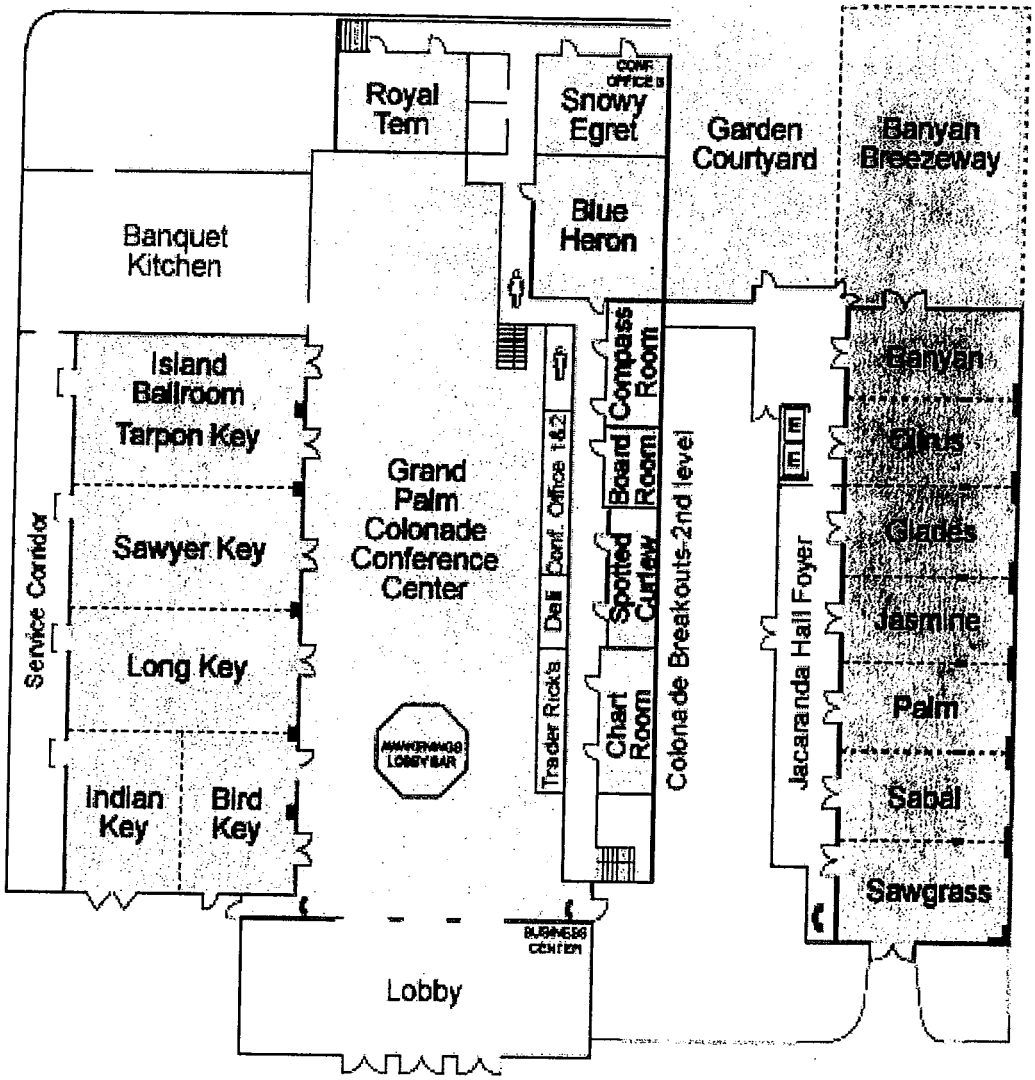
Joint FPRW and FPAC Technical Program

Island Ballroom

Moderator: **Ms. Pat Beckett**

J1	8:30 - 9:00	**KEYNOTE** - Potential for Chemical and Biological Warfare Using the Food Supply, **Dr. David R. Franz**, Southern Research Institute
J2	9:00 - 9:20	FDA's Import Foods Program in the Aftermath of 9/11, **Dr. Benjamin England**, US Food and Drug Administration
J3	9:20 - 9:40	eLEXNET - A Collaboration to Ensure Food Safety, **Mr. Carl Sciacchitano**, US Food and Drug Administration
J4	9:40 - 10:05	Risk Assessment Monitoring Programs, **Ms. Martha Lamont**, US Department of Agriculture, AMS, MPO
	10:05 - 10:35	**Break - Refreshments in the Grand Palm Colonnade**
J5	10:35 - 10:55	Issues of Interest to Food Testing Laboratories, **Dr. Patrick C. McCaskey,** US Department of Agriculture, FSIS
J6	10:55 - 11:15	CODEX Committee on Pesticide Residues - Guidance for Method Validation, **Mr. Charles H. Parfitt**, US Food and Drug Administration
J7	11:15 - 11:30	Five Categories of Analytical Methods, **Ms. Anita Mishra-Szymanski,** AOAC International
	11:30 - 12:00	Door Prize Drawing - **You must be present to win!**

SITE MAP (see also inside back cover)



Please note

Our web address recently changed - it is now
http://www.doacs.state.fl.us/~fs-pr

The previous address did not include "www"

After the meeting we will post the attendee list on the web.

FPRW Poster Session - All Day Monday and Tuesday

Bird Key / Indian Key ballrooms

Presenters at their posters from 4:30 to 5:30 pm Tuesday

PP1 New GC Inlet Liners for Improved Recovery of Difficult Analytes, **Dr. Philip Wylie**, Agilent Technologies

PP2 Determination of Glyphosate and Aminomethyl Phosphonic Acid (AMPA) Using Automated Pre-column Derivatization, **Dr. Kai Meng**, Agilent Technologies

PP3 Analysis of Sulfur Containing Carbamate Pesticides Using a PFPD, **Ms. Laura Chambers**, Michael Duffy, and Todd Stoner, OI Analytical

PP4 Gas Chromatographic Analysis of Polybrominated Diphenyl Ethers Using a Novel Column Configuration and Electron Capture Detection, **Ms. Cindy Ross**, Frank Dorman, and Chris English, Restek Corportation; Eric Reiner, Canadian Ministry of the Environment

PP5 Determination of Organo-Mercury Species at Sub-Picogram Levels by an Automated Technique using Gas Chromatography / Atomic Fluorescence, **Dr. Kerry Tate**, Florida Dept of Environmental Protection

PP6 Dr W Edwards Deming Quality Improvement vs Quality Assurance, **Dr. David Klein**, Texas Parks & Wildlife

PP7 Decreasing the cost of GPC Cleanup of Extracts for Trace Pesticide Analysis, Dr. Kevin Kelly and **Ms. Jennifer Salmons**, J2 Scientific

PP8 Can Solid Phase Extraction Columns be Reused? **Dr. Verne Simon** and Fenglan Gao, Florida Department of Health

PP9 Volatile Organic Compounds in Foods, a Five Year Study, **Mr. Chris Sack**, MaryEllen Fleming-Jones and Robert Smith, US Food and Drug Administration

PP10 Fast Gas Chromatography - Time-of-Flight Mass Spectrometry of Pesticides in Fruits and Vegetables, **Mr. Jack Cochran**, LECO

PP11 Issues of Interest to Food Testing Laboratories, **Dr. Patrick McCaskey**, US Department of Agriculture, FSIS

PP12 Variability of Pesticide Residue Concentration in Single Servings of Peaches, **Ms. Martha Lamont**, US Department of Agriculture

PP13 Use of Analyte Protectants to Avoid Matrix-Matched Standards in GC Analysis of Pesticides, Michelangelo Anastassiades, Katerina Mastovska, and **Dr. Steven Lehotay**, US Department of Agriculture

PP14 Fast Multiresidue Analysis of Pesticides in Food Matrices using Low-Pressure GC/MS, Katerina Mastovska, **Dr. Steven Lehotay**, and Jana Hajslova, US Department of Agriculture

PP15 Simultaneous Analysis of OP and OC Pesticides in Fatty Matrices by GC/PFPD + uECD, Jitka Zrostilkova, **Dr. Steven Lehotay**, and Jana Hajslova, US Department of Agriculture

PP16 Two Applications of the Large Volume Injection Technique: At-Column Technique and the Difficult Matrix Injection (DMI) Technique, **Mr. Ronald Henner**, EST Analytical

PP17 Insecticides from Wild Tomato, **Dr. George F. Antonious**, Kentucky State University

FPAC Poster Session - All Day Monday and Tuesday

Bird Key / Indian Key ballrooms

Presenters at their posters from 4:30 to 5:30 pm Tuesday

FP1 Marinade Treatments on Sea Scallops and Bacteriostatic Effects on Naturally Occurring Aerobic and Lactic Acid Bacteria, *Listeria monocytogenes, Escherichia coli,* and *Salmonella enteritidis*, **Ms. Raina Allen, Ms. Kelly Felkey,** and **Mr. Benjamin Warren**, University of Florida

FP2 The Use of Rapid Chilling Treatment and Plating Media for the Recovery and Detection of *V. vulnificus*, **Ms. Ana G. Calero**, University of Florida

FP3 Development of Real-time PCR Assay for Detection and Enumeration of *Vibrio vulnificus*, **Mr. Mark S. Campbell**, University of Florida

FP4 The Role of CPS and Growth Conditions on Biofilm Formation by *Vibrio vulnificus*, **Mr. Lavin Joseph**, University of Florida

FP5 The Use of a DNA Probe for Isolation and Enumeration of Salmonella, **Ms. Masoumeh Rajabi**, University of Florida

FP6 Identification of Possible Enzymatic Metabolic Pathways in *Shigella sonnei* by Gas Chromatography - Olfactometry, **Mr. Benjamin Warren**, University of Florida

JOINT EXHIBITION

Companies listed in alphabetical order.

FPRW EXHIBITORS

ABC Laboratories	A.G. Gant
AccuStandard	Ted Weinreich, Bill Sandberg
Agilent Technologies	Linda Schuchler
Chem Service, Inc	Christopher Boyd
Dionex	Brian Thompson, Bob Moye, Karl Kastner
EST Analytical	Ronald Henner, Lindsey Pyron
Ion Signature Technology, Inc	John Moore, Wes Floyd
J2 Scientific	Jeff Wiseman, Jennifer Salmons
LECO Corporation	Jack Cockran
Micromass, Inc	Larry Abbey, Anthony Newton
Perkin Elmer	Jim Wagner, Heidi Griffith
Phenomenex	Diana Genkel
Quantum Analytics	Jerry Dasson, Jim Sherfinski
Restek Corporation	Cindy Ross, Ken Herwehe
Sci-Con / Thermo / Orion	Jim Westmoreland, Aimee Fassey
SGE, Inc	Larry Ballard
Shimadzu Scientific Instruments, Inc	Charles Lyle, Jeff Ratliff, Ken Jones
Strategic Diagnostics, Inc	Paul Jackson
ThermoFinnigan	Paul Steinberg, Randy Porch
Varian, Inc	Gary Cook, Cheryl Ehorn
Waters Corporation	Craig Langway, Michael Balogh

FPAC EXHIBITORS

Applied Biosystems	Danny Hall, Matthew Lorence
B.D. Diagnostic Systems	Ali Najafabadi
BioControl Systems	Brett Carter
C. Squared Corporation	John Marchlenski, Tom Moher
Deibel Laboratories of Florida, Inc	Robert Deibel
Neogen Corporation	John Nelson
Oxoid, Inc	Ken Cunningham
Remel, Inc	Ed George, Janice Jacobs
Roche Applied Science	Charles Hardwick, Carl Hilliker
Silliker Inc	Elizabeth Epps, Kurt Westmoreland
Toxin Technology, Inc	Raoul Reiser, Paul Bina

EXHIBITING TO BOTH AUDIENCES

ABC Research Corporation	Diane Northcott, Wafa Birbari
Alpha BioSciences, Inc	Bob Berger, Tom Kelley
Atlantic Laboratory Products, Inc	William Dozier, Tom Pavelko, John Reece, Larry Payne
Medallion Laboratories	Harry Leichtweis, Barb Beckman
OI Analitical	Todd Stoner
Southern Testing & Research Laboratories	Martin Donehoo, Roger Brown, Holly Dunham

PROGRAM PRESENTORS AND MODERATORS

In alphabetical order

KEY to Presentation Numbering System:

FPRW talks are numbered, **P1, P2, P3** ...
FPRW posters are numbered, **PP1, PP2, PP3** ...
FPAC talks are numbered, **F1, F2, F3** ...
FPAC posters are numbered, **FP1, FP2, FP3** ...
FPRW - FPAC Joint session talks are numbered, **J1, J2, J3**...

P = Pesticide
PP = Pesticide Poster
F = Foodborne
FP = Foodborne Poster
J = Joint Session
M = Moderator
S = FPRW Seminar

F11 **Abbott, Dr. Douglas**, US Department of Agriculture, FSIS, OPHS, BD, Microbial Outbreaks and Special Projects Branch, 950 College Station Road, Russell Research Center, Athens, GA 30605, (706) 546-3587, Fax (706) 546-3518; douglas.abbott@fsis.usda.gov

FP1 **Allen, Ms. Raina,** University of Florida, 359 Newell Dr, Gainesville, FL 32611, (352) 392-1991, Fax (352) 392-9467, rallen@ufl.edu

PP17 **Antonious, Dr. George F.**, 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

P3 **Armbrust, Dr. Kevin L.**, Mississippi State Chemical Laboratory, PO Box CR, Mississippi State, MS 39762-5622, (662) 325-3324, Fax (662) 325-7807, armbrust@ra.msstate.edu

S **Baker, Ms. Diana**, ThermoFinnigan Corporation, 2215 Grand Ave Parkway, Austin, TX 78728, (512) 251-1408, Fax (512) 251-1597, diana.baker@thermo.com

P4 **Balogh, Dr. Michael**, Waters Corporation, 34 Maple St, Milford, MA 01757, (508) 482-3643, Fax (508) 482-3085, Michael_P_Balogh@Waters.com

M **Beckett, Ms. Pat**, Florida Department of Agriculture & Consumer Services., 3125 Conner Blvd., Bldg. #3, Tallahassee, FL 32399-1650, (850) 410-3055, Fax (850) 922-9110, becketp@doacs.state.fl.us

F3 **Bennett, Mr. Reginald W.,** US Food and Drug Administration, 5100 Paint Branch Pkwy, College Park, MD 20740-3835, (301)436-2009, Fax (301) 436-2644, Reginald.bennett@cfsan.fda.gov

F2 **Benson, Dr. Andrew K.,** Department of Food Science and Technology, University of Nebraska, 358 Food Industry Building, Lincoln, NE 68583-0919, (402) 472-5637, Fax (402) 472-1693, abenson1@UNL.edu

F1 **Brackett, Dr. Robert,** Director of Food Safety, Center for Food Safety and Applied Nutrition, US Food and Drug Administration, 200 C Street SW, HFS - 32, Washington, DC 20204, (202) 205-8139, Fax (202) 260-9653, Robert.Brackett@cfsan.fda.gov

P24 **Butler, Ms. Jessie**, ThermoFinnigan Corporation, 2215 Grand Ave Parkway, Austin, TX 78728-3812, (512) 251-1551, Fax (512) 251-1597, jcbutler@thermofinnigan.com

FP2 **Calero, Ms. Ana G.**, University of Florida, 359 FSHN Building, Newell Dr., Gainesville, FL 32611, (352) 392-1991, Fax (352) 392-8594, yobo@ufl.edu

FP3 **Campbell, Mr. Mark S.**, University of Florida, 2905 SW 13th St. #24, Gainesville, FL 32608, (352) 846-5131, msc@ufl.edu

PP3, S **Chambers, Ms. Laura**, OI Analytical, 151 Graham Rd, PO Box 9010, College Station, TX 77842-9010, (979) 690-1711 ext 226, Fax (979) 690-0440, LChambers@oico.com

P13 **Chen, Dr. Audrey W.**, FMC Corporation, PO Box 8, Princeton, NJ 08543, (609) 951-3506, Fax (609) 951-3670, audrey_chen@fmc.com

P8, PP10, S **Cochran, Mr. Jack**, LECO Corporation, 815 Pilot Rd, Suite C, Las Vegas, NV 89119, (702) 614-1143, Fax (702) 614-1189, jack_cochran@leco.com

F12 **Cohen, Ms. Alice**, Quality Manager, US Food and Drug Administration, Northeast Regional Laboratory, 158-15 Liberty Ave., Jamaica, NY 11433-1034, (718) 340-7077, Fax (718) 662-5439, acohen@ora.fda.gov

M **Cook, Ms. Joanne**, Florida Department of Agriculture & Consumer Services., 3125 Conner Blvd., Bldg. #3, Tallahassee, FL 32399-1650, (850) 410-3217, Fax (850) 922-9110, cookj@doacs.state.fl.us

P19 **Eigen, Ms. Susan**, Georgia Department of Agriculture, PO Box 1507, Tifton, GA 31793-1507, (220) 386-3133, Fax (229) 386-7227, seigen@agr.state.ga.us

J2 **England, Dr. Benjamin**, US Food and Drug Administration, Office of Regulatory Affairs, 5600 Fishers Lane, Room 1393, Rockville, MD 20857, (301) 827-2806, Fax (301) 827-0963 bengland2@ora.fda.gov

P10 **Evans, Dr. Matt**, Syagen Technology, Inc. 1411 Warner Ave, Suite D, Tustin, CA 92780, (714)258-4400 ext 27, Fax (714) 258-4404, mevans@syagen.com

FP1 **Felkey, Ms. Kelly**, University of Florida, 359 Newell Dr, Gainesville, FL 32611, (352) 392-1991, Fax (352) 392-9467, kfelkey@juno.com

F15 **Ferreira, Dr. Joe**, US Food and Drug Administration, 60 8th Street NE, Atlanta, GA 30309, (404) 253-2216, Fax (404) 253-1210, jferreir@ora.fda.gov

J1 **Franz, Dr. David R.**, Southern Research Institute, 365 W. Patrick Street #223, Frederick, MD 21701, (301) 668-6141, Fax (301) 668-6146, da.smith@sci.org

P2 **Ghaffari, Dr. Mohammad**, Florida Department of Environmental Protection, 2600 Blairstone Rd, Tallahassee, FL 32399, (850) 487-2571, Fax (850) 922-2843, ghaffari_m@dep.state.fl.us

P6 **Griffith, Ms. Heidi**, Perkin Elmer, 4000 Johns Creek Ct, Suite 500, Suwanee, GA 30024, (770) 476-3605, Fax (770) 476-3367, heidi.griffith@perkinelmer.com

F11 **Hale, Ms. Yvonne**, Administrator, Mycobacteriology / Microbiology Laboratories, Florida Department of Health, Bureau of Laboratories, 1217 Pearl Street, Jacksonville, FL 32202, (904) 791-1629, Sun Com 866-1629, Fax (904) 791-1633, Yvonne_Hale@doh.state.fl.us

M **Hall, Ms. 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

F14 **Hall, Dr. 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

P23 **Hammack, Mr. Walter**, Florida Department of Agriculture & Consumer Services., 3125 Conner Blvd., Bldg. #3, Tallahassee, FL 32399-1650, (850) 410-3236, Fax (850) 922-9110, hammacw@doacs.state.fl.us

F7 **Hardwick, Dr. Charles**, Roche Applied Science, 9115 Hague Road, Indianapolis, IN 46250, (800) 845-7355 ext 8013, Fax (800) 428-2883, charles.hardwick@roche.com

P16, S **Henner, Mr. Ronald S.**, EST Analytical, 503 Commercial Dr, Fairfield, OH 45014, (800) 283-3510 ext 304, Fax (513) 642-0106, rhenner@estanalytical.com

F5 **Hitchins, Dr. Anthony**, US Food and Drug Administration, CSFN, HFS - 516, 5100 Paint Branch Pkwy., College Park, MD 20740-3835, (301) 436-1649, Fax (301) 436-2644, anthony.hitchins@cfsan.fda.gov

P9 **Holmes, Dr. William**, Mississippi State Chemical Laboratory, PO Box CR, Mississippi State, MS 39762-5622, (662) 325-7811, Fax (662) 325-7807, wholmes@ra.msstate.edu

F9 **Hunter, Dr. Richard**, President and CEO, Food Technology Service, Inc., 502 Prairie Mine Rd., Mulberry, FL 33860, (863) 425-0039, Fax (863) 425-5526, rhunter@foodtechservice.com

P26 **Ingram, Ms. Reba L.**, Mississippi State Chemical Laboratory, PO Box CR, Mississippi State, MS 39762-5622, (662) 325-3324, Fax (662) 325-7807, reba@ra.msstate.edu

F10 **Jackson, Mr. Tim**, Nestle USA Quality Assurance Laboratory, 6625 Eiterman Road, Dublin OH 43017, (614) 526-5340, Fax (614) 526-5353, tim.jackson@us.nestle.com

FP4 **Joseph, Mr. Lavin**, University of Florida, 359 FSHN Building, Newell Dr., Gainesville, FL 32611, (352) 392-1991, Fax (352) 392-8594, Ljoseph1@ufl.edu

P5, PP6 **Klein, Dr. David**, Texas Parks and Wildlife, 505 Staples Rd, San Marcos, TX, 78666, (512) 353-3486, Fax (512) 353-7309, David.Klein@tpwd.state.tx.us

P22 **Krynitsky, Dr. Alexander J.**, US Environmental Protection Agency, 701 Mapes Rd, Fort Meade, MD 20755-5350, (410) 305-2936, Fax (410) 305-3091, Krynitsky.Alexander@epa.gov

J4, PP12 **Lamont, Ms. Martha**, US Department of Agriculture, Agricultural Marketing Service, Monitoring Programs Office, 8609 Sudley Rd, Suite 206, Manassas, VA 20110, (703) 330-2300 ext 17, Fax (703) 369-0678, Martha.Lamont@usda.gov

P14, PP13, PP14, PP15 **Lehotay, Dr. Steven J.**, US Department of Agriculture, Agricultural Research Service, Eastern Regional Research Center, 600 E Mermaid Lane, Wyndmoor, PA 19038, (215) 233-6433, (215) 233-6642, slehotay@arserrc.gov

F8 **Lorence, Dr. Matthew**, Product Manager of Molecular Micro, Applied Biosystems, 850 Lincoln Center, Foster City, CA 94404, (650) 554-2482, Fax (650) 638-6333, LorencMC@appliedbiosystems.com

M — **Lucas, Ms. Patty**, Florida Department of Agriculture & Consumer Services., 3125 Conner Blvd., Bldg. #5, Tallahassee, FL 32399-1650, (850) 921-0641, Fax (850) 414-1384, lucasp@doacs.state.fl.us

F6 — **Madden, Dr. Joseph M.**, Neogen Corporation, 620 Lesher Place, Lansing, MI 48912, (517) 372-9200, Fax (517) 372-0108, jmadden@neogen.com

J5, PP11 — **McCaskey, Dr. Patrick C.**, US Food and Drug Administration, FSIS, OPHS, PO Box 6085, Athens, GA 30604, (706) 546-3420, Fax (706) 546-3428, Patrick.McCaskey@usda.gov

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

P12, PP2, S — **Meng, Dr. Chen (Kai)**, Agilent Technologies, 2850 Centerville Rd, Wilmington, DE 19808, (302) 633-8388, Fax (302) 633-8911, chin_meng@agilent.com

P18 — **Mercer, Dr. Greg**, US Food and Drug Administration, Seattle District Lab, 22201 23rd Dr SE, Bothell, WA 98021, (425) 483-4755, Fax (425) 483-4996, gMercer@ora.fda.gov

P1 — **Meyer, Dr. Michael T.**, US Geological Survey, WRD, OWQRL, 4500 SW 40th Ave, Ocala, FL, 34474-5731, (352) 237-5514, Fax (352) 237-7081, mmeyer@usgs.gov

J7 — **Mishra-Szymanski, Ms. Anita**, Senior Director OMA/PVM, AOAC International, 481 N Frederick Ave, Suite 500, Gaithersburg, MD 20877-2417, (301) 924-7077 ext 131, Fax (301) 924-7089, amishra-szymanski@aoac.org

S — **Newton, Mr. Anthony**, Micromass, 100 Cummings Center, Suite 407N, Beverly, MA 01915, (978) 524-8010, Fax (978) 524-8210, anthony.newton@micromass.co.uk

J6 — **Parfitt, Mr. Charles H.**, US Food and Drug Administration, Office of Regulatory Affairs, 5600 Fishers Lane, Room 1241, Rockville, MD 20857, (301) 827-1033, Fax (301) 443-6388, cparfitt@ora.fda.gov

P20, M — **Parker, Ms. Gail**, Florida Department of Agriculture & Consumer Services., 3125 Conner Blvd., Bldg. #3, Tallahassee, FL 32399-1650, (850) 410-3057, Fax (850) 922-9110, parkerg@doacs.state.fl.us

P21 — **Podhorniak, Ms. Lynda**, US Environmental Protection Agency, Analytical Chemistry Branch, 701 Mapes Rd, Fort Meade, MD 20755, (410) 305-2926, Fax (410) 305-3091, Podhorniak.Lynda@epa.gov

FP5 — **Rajabi, Ms. Masoumeh**, University of Florida, 5618 NW 43rd Rd., Gainesville, FL 32606, (352) 338-0209, rajabi@ufl.edu

PP4 — **Ross, Ms. Cindy**, Restek Corporation, 110 Benner Circle, Bellefonte, PA 16823, (814) 353-1300, fax (814) 353-1309, cindy@restekcorp.com

P25, PP9 — **Sack, Mr. Chris A.**, US Food and Drug Administration, PO Box 15905, Shawnee Mission, KS 66285-5905, (913) 752-2166, Fax (913) 752-2151, csack@ora.fda.gov

PP7 **Salmons, Ms. Jennifer**, J2 Scientific, 1901 Pennsylvania Dr, Suite C, Columbia, MO 65202, (573) 214-0472, Fax (573) 214-0474, Jsalmons@J2Scientific.com

P15 **Schenck, Mr. Frank**, US Food and Drug Administration, 60 Eighth St NE, Atlanta, GA 30309, (404) 664-4506, Fax (404) 253-1209, fschenck@ora.fda.gov

F13 **Schmidt, Dr. Ronald H.**, University of Florida, Food Science and Human Nutrition, Box 110370, Gainesville, FL 32611-0370, (352) 392-1991 ext 206, Fax (352) 392-9467, rschmidt@gnv.ifas.ufl.edu

F11, J3 **Sciacchitano, Mr. Carl J.**, Senior Microbiologist, US Food and Drug Administration, ORA/DFS, 5600 Fishers Lane, Room 12-41, Rockville, MD 20857, (301) 827-1028, Fax (301) 443-6388, csciacc1@ora.fda.gov

PP8 **Simon, Dr. Verne**, Florida Department of Health, 1217 Pearl St, Jacksonville, FL 32202, (904) 791-1510, Fax (904) 791-1520, verne_simon@doh.state.fl.us

P7 **Stry, Dr. James J.**, DuPont Crop Protection, Stine-Haskell Research Center, Building S315/1356, PO Box 30, Newark, DE 19714-0030, (302) 451-3372, Fax (302) 451-3571, James.J.Stry@usa.dupont.com

PP5 **Tate, Dr. Kerry**, Florida Dept of Environmental Protection, Bureau of Laboratories, 2600 Blairstone Rd, Tallahassee, FL, (850) 413-9187, Fax (850) 413-9192, kerry.tate@dep.state.fl.us

P11 **Vocque, Dr. Ralph H.**, US Food and Drug Administration, Arkansas Regional Laboratory, 3900 NCTR Rd, Jefferson, AR 72079-9502, (870) 543-4646, (870) 543-4021, rvocque@ora.fda.gov

FP1, FP6 **Warren, Mr. Benjamin**, University of Florida, 359 Newell Dr, Gainesville, FL 32611, (352) 392-1991 ext 313, Fax (352) 392-9467, bwarrenfl@hotmail.com

F4 **Weber, Ms. Anne**, Montana Public Health Laboratory, P.O. Box 6489, Helena, MT 59635, (406) 444-5559, Fax (406) 444-1802, aweber@state.mt.us

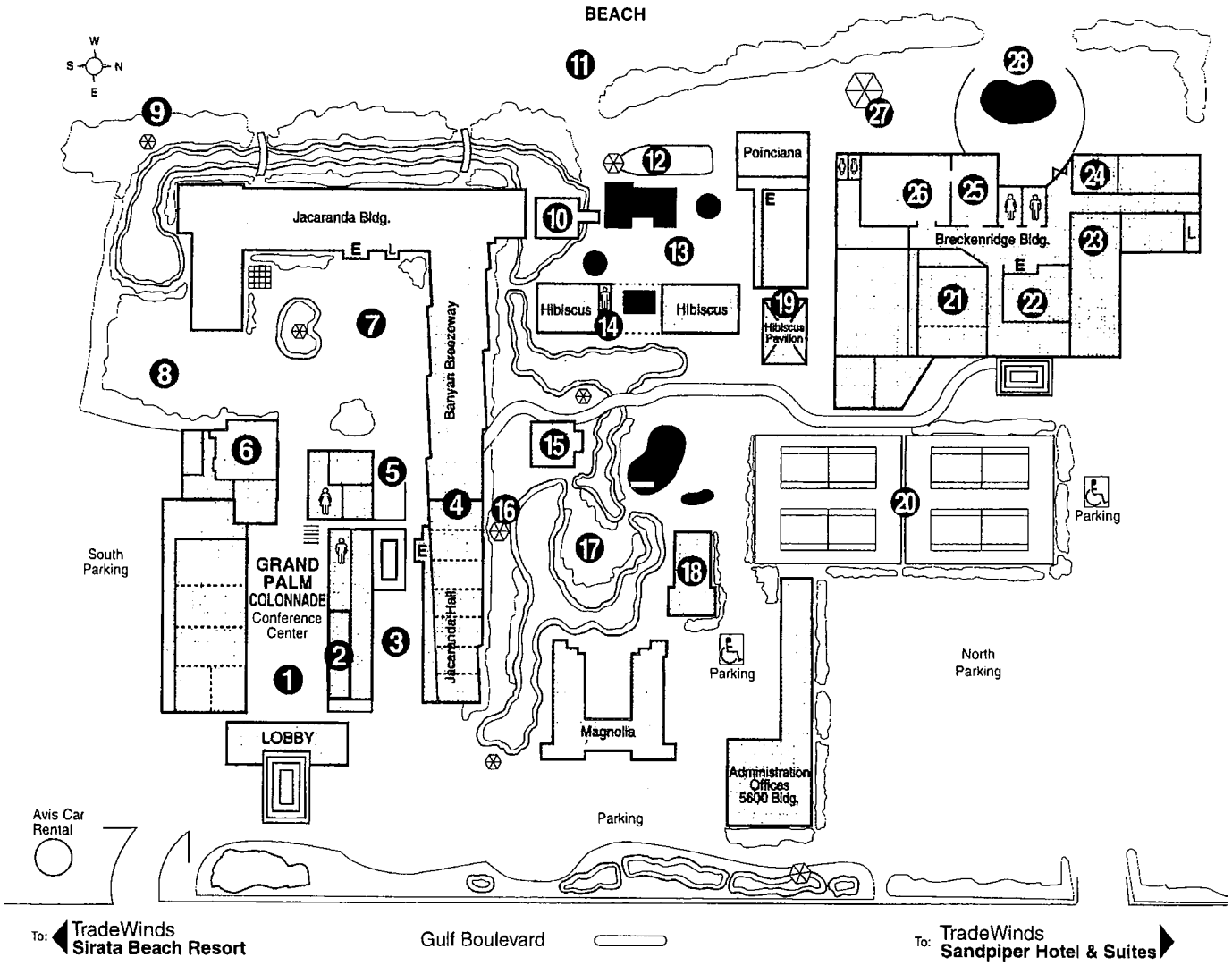
P16 **Weber, Mr. Thomas**, US Department of Agriculture, Grain Inspection, Packers and Stockyards Administration (GIPSA), 10383 N Ambassador Dr, Kansas City, MO 64153-1394 (816) 891-0471, Fax (816) 891-7314, thomas.a.weber@usda.gov

P17, PP1, S **Wylie, Dr. Philip**, Agilent Technologies, 2850 Centerville Rd, Wilmington, DE 19808-1610, (302) 633-8416, Fax (302) 633-8924, phil_wylie@agilent.com

Please note

Our web address recently changed - it is now
http://www.doacs.state.fl.us/~fs-pr

The previous address did not include "www"



Dining/Entertainment

Awakenings Lobby Bar 1
Bermudas Restaurant 26
B.R.Cuda's Sports Bar 25
Deli 2
Flying Bridge 10
Old Florida Shrimp Shack 15
Palm Court Bistro 6
Pizza Hut Express 24
Salty's Beach Bar 27
Tropic Treats Ice Cream 24

Recreation

Beachfront Terrace 13
Body Works Salon 23
Cabana Hut 11
Fitness Center 23
KONK Club 18
Paddleboat Landings 16
Putting Green 8
Sauna 14
T.A.Z. Office 18
Tennis Courts 20

Shopping

Beach Stuff 18
Beaker's Tropical Outfitters 22
Deli 2
Trader Rick's 2

Meeting Facilities

Banyan Breezeway 4
Breck Deck 28
Cypress Villa 18
East Garden Courtyard 5
Garden Courtyard 7
Grand Palm Colonnade 1
Island Ballroom 1
Jacaranda Hall 4
Hibiscus Pavilion 19
Horizons Meeting Room 21
Picnic Island 17
Rick's Patio 3
Seabreeze Deck 12
South Beach Gazebo 9
South Terrace 8