

# INSTITUTE OF FOOD TECHNOLOGISTS

THE SOCIETY FOR FOOD SCIENCE AND TECHNOLOGY

Ohio Valley Section



*In 2002-2003 and 2003-2004, the National Office awarded this regional section a Certificate of Merit and an Excellence Award*

## NOVEMBER NEWSLETTER

### IFT Distinguished Speaker

Thursday, November 17, 2005

**Cincinnati Museum Center at Union Terminal  
Losantiville Cafe**

#### **TOPIC: Advances in Functional Foods: Hope or Hype?**

The concept of functional foods is often cited as an emerging area in food science and technology. However, this concept reflects the tremendous growth of knowledge and evolution of the field of science and technology during the twentieth century. Even before the modern era of defining functional foods, many cultures had identified foods or natural materials that could correct disease states or maintain health. In fact, the origins of modern pharmaceutical sciences can be traced to this study of natural materials. Food products are now being marketed for their ability to promote wellness or as a preventative measure against illness and chronic disease. Science, technology, medicine and the regulatory environment are key to driving the entire market forward. Increased awareness of the diet and health relationship has stimulated a trend in the industry in which more attention is given to health effects of food ingredients. The role of the diet and specific components in the prevention and treatment of disease and in improving body function has become more prominent and active and will continue. The existing and expanding knowledge of science and technology and the purchasing power of the aging population offer the food, agribusiness and pharmaceutical industries opportunities to improve existing foods and develop new foods and supplements for the diet. Modern biotechnology techniques, separation technologies and enzymatic and chemical modifications offer opportunities to isolate, concentrate or modify bioactive compounds so that their application in functional foods, dietary supplements or medical food becomes possible.

#### **SPEAKER: Mary K. Schmidl, IFT Distinguished Speaker**

Mary K. Schmidl served as the President of IFT in 2000-2001. She received her BS from the University of California at Davis and her MS and PhD from Cornell University in food chemistry with minors in biochemistry and human nutrition. For more than 25 years she has worked and published extensively in the food sector having held management and teaching positions for AG Bayer, Novartis and the University of Minnesota. She has authored or co-authored over 50 refereed research papers, magazine articles, patents and book chapters. Most recently she was the co-author of the book: Essentials of Functional Foods. Dr. Schmidl has received numerous awards including IFT Fellow, IFST Fellow of the United Kingdom, the IFT Babcock-Hart Award in Nutrition and the Award of Distinction from UC-Davis. Mary has also served on the Board of Directors of the Council of Scientific Society Presidents, an organization representing over 1.5 million scientists and science educators worldwide. Dr. Schmidl is currently principal for NFNC, a food and drug consulting firm in St. Paul, MN and adjunct professor in the Department of Food Science and Nutrition at the University of Minnesota.

## EVENT SCHEDULE:

**5:00** Socialize and Network, Cash Bar

**6:00** Dinner Buffet

**7:15** Speaker: Mary K. Schmidl Advances in Functional Foods: Hope or Hype?

**8:15** Door Prizes, Raffle Drawings, and Announcements

**8:30** Estimated Adjournment

## RESERVATIONS:

Can be made online at:

<http://ssg.fst.ohio-state.edu/OVIFT/ReservationInput.asp>  
or contact Rachel Liggett at [liggett.30@osu.edu](mailto:liggett.30@osu.edu) or 614-247-6864  
**Reservation Deadline: Wednesday, November 9, 2005**

**Cost:** Pay at the door; cash or check only. Make checks payable to OVIFT.

Members: \$35

Emeritus: *gratis*

Students: \$10

Non-members: \$40

**\*\*\*\*\* Note: Un-cancelled and unpaid reservations will be billed to the person making the reservation. The full \$35 price of the event will be charged! \*\*\*\*\***

Can be cancelled online at:

<http://ssg.fst.ohio-state.edu/OVIFT/CancellationInput.asp>

## MENU:

**Salad:** Spring Mix with Gourmet Dressings  
House Iceberg Salad with Bacon & Blue Cheese

**Buffet:** Triple Nut Chicken Breast with Dijon Sauce  
Seafood Strudel with Newburgh Sauce  
Snow Peas, Onions, Peppers, and Zucchini  
Beefsteak Tomato Halves with Asiago Cheese & Basil  
Provel Gratinee  
Assorted Rolls and Butter

**Desserts:** Assorted

**Beverages:** House Blend Coffee and Tea

## DOOR PRIZES:

Bring a business card to put into the drawing to win one of our door prizes

## ICE BREAKER:

TBD

## CHARITABLE DRIVE:

[American Diabetes Association](#) – Cash Donations

## **DIRECTIONS:**

Cincinnati Museum Center at Union Terminal  
Losantiville Cafe  
1301 Western Avenue  
Cincinnati, OH 45203  
513-287-7000  
800-733-2077  
800-750-0750 TTY  
information@cincymuseum.org

**From Columbus:** Take I-71 south toward downtown Cincinnati. Once downtown, follow the signs for I-75 N through the Lytle tunnel. As you exit the tunnel, get into the second lane from the left for the I-75 north exit. Once on I-75 north, take the first exit on the right, Exit 1H, Liberty St./Ezzard Charles Drive. At the end of the exit merge left to turn left at the light and travel straight to Museum Center entrance. Parking is \$4.50.

**From Dayton:** Take I-75 south toward downtown Cincinnati. Take the right side exit, Exit 2A, Western Avenue. Merge onto Western going south (do not turn); Museum Center entrance is on the right at the third traffic light. Parking is \$4.50.

**From Cincinnati/Northern Kentucky:** Take I-75 north and exit on the right, Exit 1H, Liberty St./Ezzard Charles Drive. At the end of the exit merge left to turn left at the light and travel straight to Museum Center entrance. Parking is \$4.50.

## **EVENT ORGANIZERS:**

**Karen DeWitt** Councilor 2007

**Lisa Sanders** Member-at-Large 2007

## **Letter from the Chair**

Will return next newsletter...

## **Future Happenings**

Please mark your calendar for the next OVIFT meeting...

**Students Recognition and Career Night** on February 16, 2006 in Columbus, Venue TBA.

OVIFT will once again join the OSU Food Science Club to host a dinner to facilitate mentoring and recruiting of undergraduate and graduate students into the food industry. At the same time, students will be recognized for their achievements at the 2005 Annual Meeting and Food Expo and OVIFT scholarships will be awarded.

Hope to see you there!

Your February Meeting Organizers

**Rachel Liggett**, Secretary 2006 and Councilor 2008

**Carol Borland**, Councilor 2008

**Cheryl Soledad**, OSU Food Science Club Industry Recruitment Representative

## Reports from Recent Meetings

### Vinoklet Winery

Thanks to all who came out to Vinoklet Winery, in September, to help us kick off a new year of OVIFT. We had 120 attendees at this scenic location. We tasted wines, tried speed networking, and grilled our own dinners. The night was humid, but thankfully the rain held off until the end, which unfortunately eliminated the bonfire.

Tracy Mattingly, of Degussa Food Ingredients, gave an outstanding talk on organic regulations entitled, "Organic Labeling – Loopholes, Intent, and Interpretation: Success in Gray Areas". Tracy gave details regarding the four classes of organic labeling and the benefits of each. She updated us on materials that are unacceptable and those that are soon to be unacceptable. Also, she forecasted how Maine's new Hardy Ruling will affect the industry. Thanks to Tracy for enlightening us on an expanding and changing facet of our industry!

Our charitable fundraiser for The ALS Association, Western Ohio Chapter raised \$314! Thanks to all who contributed so generously!

In addition to our OSU football tickets and various other smaller door prizes, Diane Moore of Moore Ingredients donated \$100 cash as a prize. Steve Swaby of Degussa Food Ingredients, who won the San Diego/OSU football tickets, donated them back to OVIFT to be auctioned to the highest bidder to benefit the victims of Hurricane Katrina. Karen DeWitt chose to make the \$125 donation to the American Red Cross. Thanks to Diane, Steve, and Karen for their generous support!

Hopefully everybody enjoyed this first event of the year. Feedback is always welcome. See you next month in Columbus.

**Sophia Sperelakis, Member-at-Large 2006, September Meeting Organizer**

### OSU Tailgate

Thanks to all who came out to Panini's Bar & Grill, in October, to help us kick off the first Columbus meeting of the new year of OVIFT. We had approximately 50 in attendance to help cheer Ohio State on to a 41-10 victory over Indiana! **Congratulations to Sophia Sperelakis for driving the farthest to attend!**

Our charitable fundraiser for the American Red Cross Hurricane Katrina Fund raised \$123! OVIFT matched this amount as well as \$125 donated at the September meeting for a total contribution of \$496 -- thanks to all who contributed so generously!

See you next month in Cincinnati.

**Rachel Crockett, Student Representative 2006, October Meeting Organizer**

# Announcements

## **Executive Board Teleconference: November 30, 2005**

There will be a teleconference by the OVIFT Executive Board on Thursday, November 30, 2005 at 4:30PM. Columbus board members will meet at OSU Food Science Dept., 2015 Fyffe Rd, Parker Food Science Building, room 120, Columbus, OH 43210. Contact Rachel Liggett at [liggett.30@osu.edu](mailto:liggett.30@osu.edu) for information about the Columbus location. Cincinnati board members will meet at Aerotek Scientific, 5181 Natorp Blvd, Suite 201, Mason, OH 45040. Contact Becca Weinstein at [bweinste@aerotek.com](mailto:bweinste@aerotek.com) for information about the Cincinnati location. **All OVIFT members are welcome to attend!**

## **Advanced Food Science Seminars at Ohio State**

Where: Room 114, Parker Food Sci Bldg (2015 Fyffe Rd, Columbus, OH 43210)

Time: Tuesday, 11AM (see dates below)

### *November 1*

Luis Rodriguez-Saona (Asst. Prof., Food Safety, Food Sci. & Tech., OSU)

Rapid Detection of Foodborne Pathogens by Fourier-Transform Infrared (FT-IR) Spectroscopy

### *November 8*

V. M. Balasubramaniam (Asst. Prof., Engineering, Food Sci. & Tech., OSU)

Inactivation of Bacterial Spores by Thermal-assisted High Pressure Processing

### *November 15*

TBD

### *November 22*

W. James Harper (Professor, Food Processing, Food Sci. & Tech., OSU)

Cheese Ripening Research, a Historical Perspective

### *November 29*

Aaron Malone (Ph. D. Candidate, Microbiology, Food Sci. & Tech., OSU)

Gene-chip Microarray: Applications in Food Microbiology

Submitted by Ahmed Yousef at [yousef.1@osu.edu](mailto:yousef.1@osu.edu)

## **Obituary**

Tom Bishop, a member of IFT and our Ohio Valley section, passed away on Friday, Sept 16, 2005. Tom was in his early 40's. Tom will be missed by his colleagues in the food industry. Tom loved his job and the food industry, but his first love was his family. He loved to talk about his 6 year old daughter Katie; she was the apple of his eye. Monetary donations can be made to a trust for Katie Bishop at any 5/3 Bank location.

Submitted by Karen DeWitt, Councilor 2007 at [KarenDeWitt@Skidmore-Sales.com](mailto:KarenDeWitt@Skidmore-Sales.com)

## **The Life Sciences Research Office**

Confronting Issues of Great Significance with Scientific Based Solutions

The Life Sciences Research Office (LSRO) in Bethesda, MD has come to be recognized for independent expert scientific evaluations and services. LSRO provides decision makers of leading private corporations and public institutions with the information they must have to make pivotal judgments. Having a presence within the 65,000 members of The Federation of American Societies of Experimental Biologists (FASEB) in addition to our own staff PhD's, we have a rigorous, purposeful and complete process to produce widely accepted and authoritative reports. The reports range from important topics in biology, medicine, nutrition and technologic arenas. In addition to our reports, we provide other services such as workshops, peer reviews, and GRAS reviews. By being a non-profit organization our primary mission is to benefit society. We have delivered on this by completing over 350 publications since 1962.

Visit us on the web at [www.LSRO.org](http://www.LSRO.org) or contact Dr. Michael Falk, Executive Director at 301-634-7182, or David Frumkin, Director of Business Development and Marketing at 610-438-1600 if we may be of service to you.

Submitted by David Frumkin at [FrumkinD@lsro.org](mailto:FrumkinD@lsro.org)

**We will be happy to include your regional food or flavor industry related announcements, conferences, etc. Please contact Rachel Liggett at [liggett.30@osu.edu](mailto:liggett.30@osu.edu)**

## **IFT Employment Information**

The IFT Career Center at <http://careers.ift.org> is free to job seekers, allowing them to post resumes online and view job opportunities. If you have questions, contact Nora Schabold at 312-782-8424 ext. 220 or [njschabold@ift.org](mailto:njschabold@ift.org)

## **Local Job Postings**

**Employers: OVIFT will post local food and flavor industry job openings in this newsletter for FREE. Each issue, this newsletter reaches 1000 members, ranging in experience from student to thirty plus years in the industry! You may even avoid relocation expenses by finding someone locally. To post job openings in the next OVIFT newsletter, please contact Rachel Liggett at [liggett.30@osu.edu](mailto:liggett.30@osu.edu)**

## **Membership Information**

If you move or change companies, please remember to update your contact information with National IFT as well as the Ohio Valley Section Secretary Rachel Liggett at [liggett.30@osu.edu](mailto:liggett.30@osu.edu)

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## **Calendar of Events 2005/2006**

November 17, 2005: **IFT Distinguished Speaker**, Museum Center, Cincinnati, OH

February 16, 2006: **Student Recognition and Career Night**, Columbus, OH

March 16, 2006: **Plant Tour of Wyandot Inc**, Marion, OH

April 20, 2006: **Suppliers' Night**, Sharonville Convention Center, Sharonville, OH

May 18, 2006: **Golf Outing**, Yankee Trace Golf Club, Centerville, OH