IFSH Annual Meeting & 30th Anniversary Reception

IFSH celebrated its **30th Anniversary** at the **IFSH Annual Meeting** on September 25-26. There were over 190 registrants comprised of FDA and IIT scientists, and food industry professionals, with more than 50 IFSH member companies represented at the meeting. A special ceremony recognizing founders, pioneers and instrumental collaborators occurred in the afternoon of the 25th followed by a reception at the IFSH Moffett Campus. FDA Deputy Commissioner for Foods and Veterinary Medicine, Stephen Ostroff, M.D., provided a keynote presentation at this year’s meeting. President of Illinois Institute of Technology, Alan Cramb, Ph.D., presented at the 30th Anniversary Session. Presentation materials will be available soon on the IFSH Members Section of the website.
At the IFSH Annual Meeting 30th Anniversary awards session, IFSH recognized founders, pioneers and instrumental collaborators. The awards were presented to Dr. Darsh Wasan, Karen Carson, Dr. David Armstrong, Jenny Scott, Dr. Chuck Sizer, Dr. Johnathan DeVries and Martin Cole. To read more about the awards visit the IIT IFSH website. https://www.ifsh.iit.edu/

In addition, IFSH recognized Robert and Barbara Sanderson as the 2018 Darsh Wasan Food Safety Award recipients. This award is given to recognize the achievements of individuals in the field of food science and technology who have made outstanding contributions to food safety or nutrition across government, academia and industry. To read more about the awards visit the IIT IFSH website. https://www.ifsh.iit.edu/
September 27. IFSH along with University of Wisconsin Food Research Institute (UW FRI) hosted the Food Waste and Sustainability (FWS) Symposium at the Burr Ridge Marriott in Burr Ridge, IL. Over 60 industry, government and academic personnel attended the symposium. Presentation materials can be accessed on the IFSH website for symposium registrants. https://www.ifsh.iit.edu/food-waste-and-sustainability-symposium

September 9-12. Dr. Hossein Daryaei, Research Scientist presented a talk titled, “Advances and Challenges in Design and Development of Packaging Systems for High Pressure Processing of Food” at the Conference of Food Engineering in Minneapolis, MN. https://socfoodeng.org/cofe/

November 13. The Institute for Food Safety and Health was honored as a co-recipient with the Flying Food Group, for this year’s 2018 Midwest Food Matters Leadership Award. The award ceremony was held at the Hilton Chicago Hotel on Wednesday, November 13. This award is presented annually to companies or entities who have demonstrated leadership in promoting and supporting the food industry in Chicagoland and the Midwest. All of the net proceeds of the 2018 campaign will support key non-profit business development initiatives that will help the food industry grow and thrive, including the creation of the Sue Ling Gin Scholarship in Food Safety at IFSH. Past recipients of this award include Abbott Nutrition (2017), John B. Sanfilippo & Son (2016), and Griffith Foods Worldwide (2015).
August 14-15. Dr. Nathan Anderson, Agricultural Engineer FDA presented research findings on baking validation at the USDA/NIFA AFRI 2018 Food Technology Grantees’ Annual Conference at the U.S. Army Natick Soldier Research, Development and Engineering Center in Natick, MA.

August 19-23. American Chemical Society Conference—256th ACS National Meeting & Exposition- Nanoscience, Nanotechnology & Beyond in Boston, MA. Dr. Indika Edirisinghe, Associate Director, Center for Nutrition Research organized a session titled “Diet, Health & Gut Microbiome”.

- Dr. John Koontz, Research Chemist, FDA presented a research poster at the Joint Polymeric Materials Science and Engineering-Polymer Chemistry (PMSE-POLY) Poster Session and ACS Sci-Mix. The poster was titled “Permeation properties of EVOH with high ethylene content for use in migration modeling of food contact materials”.

- Dr. Rebecca Weiner, Research Chemist/ORISE Fellow, FDA presented “Ag/LDPE Nanocomposites as a Model System to Evaluate Release from Consumer Products”. This was part of the session titled ENVR: Fate of Nanomaterials in Consumer Products: Transformation & Transportation in the Environment.

- Dr. Timothy Duncan, Research Chemist, FDA presented “Transport of Nanoparticles from Model Polymer Nanocomposites to the Environment: Influence of Different Acids and other Environmental Species”.

https://www.acs.org/content/acs/en/meetings/national-meeting/highlights.html
**IFSH On The Road & In the Press**

October 23. Dr. Alvin Lee, Associate Professor, Food Science and Nutrition, Director of the Center for Processing Innovation was an invited workshop speaker for “The Global Food Safety and Regulatory Developments and Food Safety Validation and Verification” at the IUFoST 2018 19th World Congress of Food Science & Technology in Navi Mumbai India. https://iufost2018.com/scientific-areas.php

October 24. Dr. Robert Brackett, IIT VP and Director IFSH was a featured speaker at the Chicago Food and Beverage Network Technology Breakfast. The speakers discussed the topic of Building a Trusted Brand: Transparency, Traceability and Blockchain. https://chicagolandfood.org/events

October 24. Dr. Jason Wan, Associate Director IFSH was an invited panelist for the 9th Annual Food Regulatory & Quality Assurance Summit October 24-25 in Toronto, ON, Canada. The panel discussed “Benchmarking Your Transition Plans: Hear Perspectives from Industry on Implementation Strategies for SFCA and FSMA”. https://www.foodregulationcanada.com/program/
Staff participated in the annual IFSH 3 Mile Fall Walk on October 16th.

October 26. Staff participated in the 2018 Spooktacular IFSH Halloween Party

Thomas Graham, Rukma Reddy, Rich McDonald, Nate Anderson and Yoon Song
IFSH began implementing a series of webinars called Technical Connections Meetings (TCMs) to communicate and engage with our members and stakeholders concerning IFSH's collaborative research program. Our spring 2018 webinar showcased the topic of High Throughput Sequencing. Invited speakers were: Dr. Behzad Imanian, Research Assistant Professor, FSN and IFSH HTS Initiative leader and Dr. Kristin Schill, Research Microbiologist.

We look forward to having you join us for the upcoming 2018-2019 Technical Connections Meetings.

Wednesday, November 14, 2018

“The Safety of High Pressure Processed Juices and Beverages”

The November 14th webinar featured the following speakers:

Alvin Lee, Director of the Center for Food Processing and Innovation and Associate Professor of Food Science and Nutrition, IIT IFSH and Joyce Longfield, VP of Product Innovation, Good Foods Group and Chair, Cold Pressure Council. Alvin presented updates from the low acid juices and beverages and Joyce presented updates from high acid juices and beverages.

TCM Speakers: Alvin Lee and Joyce Longfield

Please contact Renee Anderson at randerson1@iit.edu if you would like to learn more about our IFSH Technical Connections Meeting Webinars!
We are delighted to welcome our newest member companies.

**New IFSH Members**

![Texas Food Solutions logo](http://texasfoodsolutions.com/)

http://texasfoodsolutions.com/

![Hubbell Lighting logo](https://www.hubbell.com/hubbell/en)

https://www.hubbell.com/hubbell/en

For more information about IFSH membership, check out our membership pages at: [https://www.ifsh.iit.edu/members](https://www.ifsh.iit.edu/members). Please notify Armand Paradis at aparadi2@iit.edu of any changes to your company’s name, address or email addresses of your delegates to allow us to keep our records up to date.
Food Safety Preventive Controls Alliance (FSPCA)

In accordance with the Alliance’s mission to support safe food production for the U.S. market, the FSPCA has, by November 2018, trained 2,221 Lead Instructors and issued 85,691 Preventive Controls for Human/Animal Food certificates and Foreign Supplier Verification Programs certificates combined. Visit the FSPCA Website at fspca.net for more information.

Updated Training Materials

The FSPCA Preventive Controls for Animal Food course manual and the FSPCA FSVP course manual have been updated! Download a free copy from the FSPCA website.

The public version of the Animal Food participant manual v1.1 along with the errata sheet are available for download on the FSPCA website: https://www.ifsh.iit.edu/fspca/fspca-preventive-controls-animal-food. The public version of the FSVP participant manual v1.1 along with the errata sheet are available for download on the FSPCA website: https://www.ifsh.iit.edu/fspca/courses/foreign-supplier-verification-programs-fsvp/

2019 Lead Instructor Training

2019 Animal Food Lead Instructor Training announced: https://www.ifsh.iit.edu/fspca/fspca-preventive-controls-animal-food#AFLICS

The FSPCA expects to announce 2019 Human Food and FSVP Lead Instructor courses mid-November. Check the FSPCA website for updates: https://www.ifsh.iit.edu/fspca/fspca-preventive-controls-human-food#LICS (human food); https://www.ifsh.iit.edu/fspca/courses/foreign-supplier-verification-programs-fsvp#FSVP-lead-instructor-course-schedule (FSVP)

Looking for FSPCA Preventive Controls for Human Food, Animal Food or FSVP participant courses? Visit the online course list: https://fspca.force.com/FSPCA/s/ (click on the “Course” tab). The list can be sorted by type of course, start date and location!
The Sprout Safety Alliance (SSA) training curriculum version 2.0 public version is available on the SSA website https://www.ifsh.iit.edu/ssa for free download and hard copies are available for purchase at the online bookstore http://bookstorefspca.ifpti.org/index.php/ssa.html. An SSA blended course comprising an online module covering the knowledge sections of the twelve chapters of the curriculum and a face-to-face component (Part 2) is available.

The Sprout Safety Alliance (SSA) has conducted a Sprouter Training Blended Part 2 course in conjunction with the FDA sprouts inspection training in Nashville TN on July 16, 2018. Federal/state Inspectors and sprout growers around the country attended the course. Kaiping Deng, Co-Lead and Coordinator of the SSA presented the SSA updates at the annual conferences of International Association for Food Protection (IAFP) and Food Safety and Preventive Controls Alliance in July 2018. The Sprout Safety Taskforce Annual Meeting was held in Chicago on September 25, 2018. Members from the sprout industry, federal/state regulatory agencies and academia attended the meeting.
Faculty Spotlight

Elizabeth Grasso-Kelley Ph.D.
Assistant Professor IIT

Dr. Grasso-Kelley is an Assistant Professor in the Department of Food Science and Nutrition at Illinois Institute of Technology (IIT). She received her B.S. degree in Food Science and Nutrition from The Pennsylvania State University and her M.S. and Ph.D. degrees in Food Science and Technology from The Ohio State University. After graduation, Dr. Grasso-Kelley joined the FDA as a Commissioner’s Fellow. In 2012 she joined IIT/Institute for Food Safety and Health (IFSH) as a Scientist (Microbiology) to continue working in the low moisture food safety field. She joined the faculty at the Department of Food Science and Nutrition at IIT in 2015.

Research- Dr. Grasso-Kelley’s research is focused on food microbiology and aims to enhance the safety of low water activity food products. Some of her previous research interests include: characterizing the thermal resistance of pathogens in low water activity environments, investigating inoculation procedures for low water activity food matrices, and studying the survival of pathogens during processing and storage of low water activity ingredients and food products.

Service- Dr. Grasso-Kelley currently serves as the IIT lead on the Institute for Food Safety and Health Low Moisture Food Safety Task Force. Additionally, she sits on the University Faculty Council and the Research Council at IIT. She is the past-Chair of the International Association for Food Protection’s (IAFP) Low Water Activity Foods Professional Development Group. She serves on the Editorial Board for the Journal of Food Protection and is an active reviewer for other peer-reviewed journals as well as reviews abstract and/or symposia submissions for the Institute of Food Technologists and IAFP.

Teaching- She currently teaches courses within the Department of Food Science and Nutrition at both the undergraduate level via Exploring Food Science and Technology and at the graduate level via Food Microbiology, Fundamentals of Food Science and has previously instructed the Food Microbiology Laboratory. Additionally Dr. Grasso-Kelley advises graduate student research projects and is a lead instructor for Food Safety Preventive Controls Alliance (FSPCA) Preventive Controls for Human Food course.

Picture- Enhancing Legacy Technologies, Wenger Dryer
August 10. A group of ten interns: Jiaxin Chen, Sarah O’Donnell, Rhea Braun, Khoa Do, Michael Leyden, Beatriz Dos Santos, Lindsay Kokal, Terrance Shoemaker, Amy Nguyen, and Lea Gray completed the ten week summer National Science Foundation Interdisciplinary Research Experience for Undergraduate Students in Food Safety, Food Engineering and Nutrition program. This program provided professional development training, mentoring and hands-on research experiences. Student research projects were focused on nutrition, modeling & simulation, engineering design and microbiology. This experience was part of a National Science Foundation (NSF) funded grant received by Dr. Kathiravan Krishnamurthy, Assistant Professor Food Science and Nutrition. Dr. Kathiravan Krishnamurthy along with Dr. Satish Parulekar-Professor Chemical Engineering, Dr. Sohail Murad-Professor Chemical Engineering, Dr. Fouad Teymour-Professor Chemical Engineering, Dr. Britt Burton-Freeman-Associate Professor Food Science and Nutrition, Dr. Elizabeth Grasso-Kelley–Assistant Professor Food Science and Nutrition, and Dr. Nathan Anderson-Agricultural Engineer FDA were the student project advisors.

The ten interns presented their final projects on August 10th at the IIT Mies Campus.
August 22. Thirty-one new students enrolled in the Department of Food Science Master's degree programs for the Fall 2018 semester bringing the total to 92 students.

October 10. Dr. Kathiravan Krishnamurthy received the School of Applied Technology Educational Excellence Award for 2017/2018. The award recognizes a faculty member for outstanding achievement as an educator in the School of Applied Technology at IIT. Recipients are individuals who have made extraordinary contributions to advance education within their field in the university, the nation and the world.
August 3. IFSH hosted its Annual Summer Staff Picnic. FDA, IIT, and IFSH faculty and staff along with their families came together for an afternoon of food and fun at the Bedford Park District Pavilion.
Method Validation and Statistics for Microbiological Methods: Part A-Qualitative Methods
November 28-30, 2018 at the IIT Moffett Campus, Bedford Park, IL

High Pressure Processing Short Course and Workshop
April 8-11, 2019 at the IIT Moffett Campus, Bedford Park, IL

IFSH Research Advisory Meeting (IFSH Members)
April 25, 2019 at the IIT Moffett Campus, Bedford Park, IL

Whole Genome Sequencing Workshop
May 2019 (TBC)

IFSH Annual Meeting 2019 (IFSH Members)
September 24-25, 2019 at Chicago Marriott Southwest, Burr Ridge, IL

IFSH & University of Wisconsin’s Food Research Institute Joint Symposium
September 26, 2019 at Chicago Marriott Southwest, Burr Ridge, IL

FSPCA 2019 Annual Conference
Fall 2019 in Chicago, IL

FSPCA Preventive Controls for Human Food Participant Courses
2019 Dates (TBD) at the IIT Moffett Campus, Bedford Park, IL
Other News

Please check out our partner sites news and events.