

2009 ANNUAL REPORT



# Connection. Communication. Collaboration.



Connection. Communication. Collaboration.



## Welcome.

### IFT's Fiscal Year 2009 Virtual Annual Report.

This year's report showcases our year-in-review through words, pictures, member highlights, and video links within the report. The theme for this year's interactive virtual report, "Connection... Communication... Collaboration," captures the essence of the IFT community, and work of our membership over the past year. The report emphasizes the important connections we have made, the communications that positioned our work, and the collaborative partnership efforts that have supported our members, our IFT community, and the food science and technology profession.



Connection. Communication. Collaboration.



## About IFT

Founded in 1939, the Institute of Food Technologists (IFT) is a nonprofit professional academic society with more than 18,000 members working in food science, technology and related professions in academia, industry and government. As the authoritative voice of food science and technology, IFT contributes to public policy, opinion and research on a global scale. IFT also conducts the largest annual convention showcasing food that is grown, processed, manufactured, distributed, and eaten throughout the world.





Connection. Communication. Collaboration.

**IFT** Institute of  
Food Technologists



**Office of the President** (L to R):  
Sheri Schellhaass  
(2008-2009  
IFT President),  
Marianne Gillette  
(2009-2010  
IFT President),  
Barbara Byrd Keenan  
(IFT Executive  
Vice President),  
Robert Gravani  
(2010-2011  
IFT President).

## From the Office of the President

In 2009, IFT continued to evolve as a strategic leader, collaborator, and partner in the food science and technology arena. The drive and commitment from our volunteer leaders is unparalleled in the scientific community. As IFT marked 70 years as a leader, more than 1,000 volunteer leaders emerged to take the helm to continue to advance our scientific priorities. So how did IFT support the work of our organization? We accomplished this through strategic connections, informative and timely communications, and thoughtful collaborations.

“Connection, communication, and collaboration” are the critical elements that made 2009 a successful year for IFT and increased the broad reach and impact of the profession. Vital connections are made through participation in IFT’s Annual Meeting & Food Expo, innovation is sparked through communications channels such as *Food Technology* magazine or our peer-reviewed journals, and dynamic collaborations thrived with the Chinese Institute of Food Science and Technology, the U.S. Food and Drug Administration, and others.

Over the past year, our strategic priorities remained clear, compelling, and focused to drive growth, and enhance member value. Our roadmap for the year continued to be IFT’s [Annual Operating Plan](#), which was guided by our leadership and spirit of volunteerism. IFT is a steward for the profession and its community, a research champion and innovation catalyst, an influential advocate and trusted spokesperson, and a global citizen and partner.

By combining vision and volunteerism, IFT members set a new course for the future of the profession. A special thanks for the collaborative efforts all of our volunteer work groups including the following: Current and Emerging Science Issues Expert Advisory Panel, Annual Meeting Scientific Advisory Panel, Public Policy and Regulatory Outreach Advisory Panel, Member Value Proposition Advisory Panel, Senior Executive Engagement Task Force, Credentialing Feasibility Advisory Panel, Global Strategy Advisory Panel, Higher Education Review Board, Divisions Task Force, Global Regulations and Policy Task Force, IFT Press Advisory Group, the Task Force to Review ILSI Conflict of Interest White Paper, and the Fellows Task Force.

Three major strategy focus groups including the Current and Emerging Issues Panel, Annual Meeting Scientific Advisory Program Task Force, and the Public Policy and Regulatory Outreach Advisory Panel all began implementation of their insightful recommendations.

The connectivity and synergies between our panel and task force work, our annual meeting, and division work, and our member survey feedback, were all drivers guiding us. With advances in technology, a critical need was clearly evident to generate new membership value through our digital business priorities. As such, new forms of communication and social media evolved among members through Facebook, LinkedIn, YouTube, Twitter, and Flickr.

2009 has been a memorable year for our IFT community. Thank you for all of your contributions. Although we are not able to list all of our extraordinary accomplishments for the year, we’ve included within this report some truly noteworthy achievements. Be sure to take advantage of the interactive components of this site—videos, audio sound bites, and links feature many of our very own IFT members providing highlights to you about our exceptional year.



Connection. Communication. Collaboration.

**IFT** Institute of  
Food Technologists



IFT's Global Strategy  
Advisory Panel

## A Connected Community

### Members Making a Difference

The strength of IFT is directly related to the energy and enthusiasm of our volunteers. Over 1,000 volunteers are actively participating on one or more of IFT's new workgroups including the following:

- Public Policy and Regulatory Outreach Advisory Panel
- Global Regulations and Policy Task Force
- Award and Scholarship Juries
- New Professionals Task Force
- Global Strategy Advisory Panel
- Editorial Boards
- Food Science Communicators
- Annual Meeting Scientific Program Advisory Panel
- Nominations and Elections Committee
- Higher Education Review Board
- 2011 Guidelines Task Force
- Finance Committee
- Senior Executive Engagement Task Force
- Science & Policy Initiatives
- Wellness Conference Planning Groups
- Section Leaders
- Division Leaders
- Credentialing Feasibility Advisory Panel
- Member Value Proposition Advisory Panel
- E-Learning Volunteers
- Audit Committee
- Council of Food Science Administrators
- Foundation Board and Fun Run
- Divisions Task Force and Related Activities
- Website Contributors
- IFT Student Association

### Global Strategy Advisory Panel

The Global Strategy Advisory Panel was formed in 2009, and charged with defining IFT's global strategy and identifying key priorities for operating in a global environment. Advisory panel members include: Colin Dennis (co-chair), Philip Nelson (co-chair), James J. Albrecht, Gustavo V. Barbosa-Canovas, Gloria Brooks-Ray, Barbara Byrd Keenan, Kenny F. Chuang, Janet E. Collins, Luis A. Fernandez, Anne Goldman, Victoria Spadaro Grant, Bruce R. Hamaker, James A. Miller, B. Onuma Okezie, W. A. Parsons, Amanda K. Perl, John Ruff, Marcos X. Sanchez, Sheri Schellhaass, Justin Shimek, Rakesh K. Singh, Vijay K. Sood, Herbert Stone, Dante M. Vargas, Raymond J. Winger, Corey Wright, and Yifat Yaniv.

With members in more than 90 countries, more than ever before, this panel recognized the pivotal role that science and technology play on a global scale, and IFT's unique ability to draw the best minds together to take on the new challenges for the profession.

IFT has the opportunity to contribute to robust dialogue around the harmonization of global food laws and regulations, provide the scientific foundation for conversations around international public policy and regulatory issues, and enhance food safety and sufficiency worldwide. By developing a comprehensive global strategy, IFT will be able to address these issues through the developments of programs and services that reflect IFT's strategic goals.

The IFT Board of Directors approved the [recommendations of the advisory panel](#) during its meeting in December 2009. Implementation of the plan will be built into future versions of the IFT Annual Operating Plan as well as in project plans for our current activities.

### Credentialing Feasibility Advisory Panel

A Credentialing Feasibility Advisory Panel worked with guidance from a credentialing consultant from October 2008 through November 2009 in both face-to-face and virtual meetings to outline possible credentialing concepts for IFT and to conduct a feasibility study.

Members of the Advisory Panel include: Robert Gravani (Chair), Patricia Aron, Janet Collins, Marianne Gillette, Richard Hall, Carmen Moraru, Michele Perchonok, George Purvis, Conrad Rebello, Lauren Shimek, Sharrann Simmons

The Board of Directors approved the [Credentialing Feasibility Advisory Panel](#) final report at the



Connection. Communication. Collaboration.

**IFT** Institute of Food Technologists



December 2009 meeting. Three new ad hoc groups will be populated to further develop the concepts and recommendations in the final report and conduct final validity studies before proceeding.

### Divisions Task Force

A Divisions Task Force was formed, and charged with creating a clear, compelling and strategic vision for Divisions. This led the group to generate recommendations that focus efforts on content, delivering member value and creating community, as well as providing support to meet evolving operational needs within the Divisions.

With recommendations in place, the outreach and engagement strategy will involve hosted webinars with Division leaders to share the initial recommendations, and then follow up with face-to-face meetings with each Division to gain insights that will culminate in a transition strategy based on activities targeted to each Division. A final Task Force report will be submitted to the IFT Board of Directors in July of 2010.

### Current and Emerging Science Issues Advisory Panel

In March of 2009, the Current and Emerging Science Issues Advisory Panel submitted its [final report](#) to the IFT Board of Directors. The members were asked to identify and prioritize current and emerging food science and technology issues that require science-based solutions benefiting consumers, food science professionals, and the global food supply. More than ever before, IFT has the opportunity to contribute to quality and safety standards in domestic and global food trade, to influence science-based decision-making in public policy and regulatory issues, and to enhance food

safety worldwide. Consequently, a strategic, prioritized assessment of key science issues related to the global food supply was imperative to serve as the foundation for IFT programs and services.

Advisory Panel Members include: *Rickey Yada (chair), Vijay K. Arora, Francis F. Busta, Hongda Chen, Eric A. Decker, Michael P. Doyle, Nancy E. Fogg-Johnson, Linda Letcher, Gilbert A. Leveille, Daryl Lund, Julie E. Mann, Jennifer McEntire, George Miller, John Milner, Bob Moore, Rosetta Newsome, Suzanne Nielsen, Devin Petersen, Damanna R. Rao, V.N. Mohan Rao, Sylvia B. Rowe, Nicholas L. Rozzi, Bob Swientek, Toni Tarver, B. Van Lengerich*

While the panel discussed many food science issues, those of highest priority included: food security/sufficiency; sustainability, food quality, and health and wellness. Within these areas priority issues were: nanotechnology, packaging ingredient safety, import safety, traceability, and obesity/energetic/food intake regulation. The group submitted its final report to the Board of Directors in March of 2009.

### New Professionals Community

The New Professionals Community continues to grow with nearly 700 members to date, and an active Task Force guiding their programs. Members of this community are savoring each monthly issue of *Eat Your Words*, a new online newsletter for members in the food industry 10 years or less.

Members of the Task Force include: Thomas Nack (Co-chair), Jaime Leann Reeves (Co-chair), Michelle Dawn Danyluk, Edward Dudley, Jessica Hof, Sarah Woodling Houle, Michelle Kozora, Amanda Agnes Lathrop, Karina Martino, Michael Roberson, Arnie Sair, Sarah Smith-Simpson, and Hang Xiao.

In addition, the Task Force planned programming for the 2009 Annual Meeting including a one-day Short Course, "Foundation Skills for Technical Professionals; How to Be an Effective Influencer," a panel discussion on the Global Marketplace and an information networking mixer for fellow new professional attendees. The New Professionals Community is also focused on IFT's regional Sections and helping to plan local networking and engagement opportunities for new professionals around the country.

### Student Activities

To secure the future of the profession, the [IFT Student Association](#) has remained focused on key goals



Connection. Communication. Collaboration.

**IFT** Institute of Food Technologists



of their strategic plan that include: improving and initiating programs to provide enhanced value to our members, encouraging outreach and increase the involvement of our undergraduate members, enhancing and improving IFTSA core programs and initiatives to provide year-round value and innovative learning and networking opportunities, and enhancing programs to raise funding, promote IFTSA's value and engage current and potential members.

Throughout the year they worked to accomplish these goals by enhancing the Undergraduate Research Competition, participation on IFT's Global Philanthropic Task Force, new member recruitment efforts through the "Are You a Food Geek?" student campaign, with recruitment materials being sent to over 40 IFT student chapters, and by joining forces with a team of new professionals and the IFT Foundation, to launch a student leadership scholarship in honor of the late Dr. C. Ann Hollingsworth.

In addition, this year, the following food science clubs were approved as official IFTSA Food Science Chapters by the IFT Board of Directors: Monterrey Institute of Technology, Queretaro Campus; Monterrey Institute of Technology, Monterrey Campus; Californian State Polytechnic University, Pomona; University of Cincinnati; Minnesota State University, Mankato; and the University of Guelph. And students focused efforts on the successful student activities at the 2009 IFT Annual Meeting and Food Expo in Anaheim. The eagerly anticipated final rounds of two new IFT Student Association competitions took place in June of 2009 in Anaheim.

The competition sponsored by General Mills, "Developing Solutions for Developing Countries," encouraged food science and technology students

from around the world to address critical issues in the development, safety and distribution of food.

The competition, "Nutritious Food for Kids" sponsored by Disney Consumer Products, challenged student members of IFT to address an important wellness need by creating healthy snacks for kids.

Congratulations to all of the IFT Student Association 2009 Competition Winners:

**Product Development Competition, Sponsored by Mars**

- North Carolina State University with "Shiverr's"
- Iowa State with "Fruitsoylicious"
- Washington State/University of Idaho with "Erupt-a-Cake"

**Developing Solutions for Developing Countries Competition, Sponsored in Part by General Mills**

International Winners:

- Wageningen University, Netherlands
- University of Pretoria, South Africa

Domestic Winners (US and Canada):

- University of Minnesota
- Cornell University

**Nutritious Food for Kids: Sponsored by Disney Consumer Products**

- First Place Winners: Undergraduate – Kansas State with "Peelables," and Graduate – University of Minnesota with "Mighty Mickeys"
- Second Place Winner: University of California, Davis with "Winnie the Pooh's Hunny Clusters"
- Third Place Winner: Ohio State University with "Buzz Lightyear's Star Command Snacks"

**College Bowl Competition, Sponsored in Part by PepsiCo and Nestle Purina**

- North Carolina State University
- Iowa State University
- Washington State University-University of Idaho

**Chapter of the Year: Sponsored by PepsiCo**

- Rutgers University, Chapter of the Year
- University of Minnesota, Most Improved Chapter

**Undergraduate Research Paper Competition**

- Kurt Ellis, Ohio State University  
"Analysis of volatile compounds associated with



Connection. Communication. Collaboration.

**IFT** Institute of  
Food Technologists



### Career Fair

IFT held a one-day [Career Fair](#) on Saturday, June 6, during IFT's 2009 Annual Meeting & Food Expo in Anaheim. Hiring representatives and meeting attendees had an opportunity to discuss available opportunities, career goals and identify attributes companies seek in prospective hires. Some of the major players in the food and beverage industry were represented. Hiring representatives from Pepsico, Leprino Foods, Gortons, Nestle Nutrition, FDA-CFSAN, Valley Fine Foods, Del Monte, Mars, and more were on hand to meet with applicants. The Career Fair attracted more than 300 applicants and generated more than 200 face-to-face interviews for job openings through IFT's Employment Bureau.

warmed over flavor in cooked chicken using selected ion flow mass spectrometry"

- Melvany Kasih, *Cornell University* "Innovative Application of Supercritical Carbon-dioxide Extrusion (SCFX) as Yeast Replacement in Leavened Bread"
- Kari Michelle Jones, *University of Tennessee* "Impact of washing/disinfection methods on survival of Salmonella in jalapeno peppers"

Through the new commitment of students, [IFTSA](#) will foster innovation in food science and technology for generations to come.

### Intellectual Property Exchange

IFT is in a unique position with industry, academia and government to provide a forum for the food industry to establish vital business connections. For the first time, IFT offered an Intellectual Property Exchange (IPEX), held on Sunday, June 7, 2009 during the IFT Annual Meeting & Food Expo. IPEX was a business partnering event designed to connect those holding intellectual property (IP) rights, such as patents, with those looking to purchase or license IP rights. Over 120 attendees and 17 companies/entrepreneurs participated in the event.



Connection. Communication. Collaboration.

**IFT** Institute of  
Food Technologists



## Recognizing Our Community

### Achievement Awards and Fellows

2009 was a year of celebrating IFT's achievements and collaborations, and our Achievement Awards Celebration on Saturday, June 6, provided the perfect evening to continue that tradition.

Our members were once again in the spotlight as IFT honored 14 Achievement Award laureates, two Campbell's Student Award recipients and 21 newly-elected Fellows during the event.

The IFT Awards Program represents multiple facets of the profession, including teaching, public health, lipid or flavor science, food ingredient safety, industrial developments, and others.

### 2009 Award Recipients:

- Nicholas Appert Award, Daryl Lund
- Babcock-Hart Award, Stephen Taylor
- Stephen S. Chang Award for Lipid or Flavor Science, Pamela White
- William V. Cruess Award, Mukund Karwe
- Carl R. Fellers Award, Kathryn L. Kotula
- Food Technology Industrial Achievement Award, North Carolina State University, USDA-ARS South Atlantic Area Food Science Research Unit, Industrial Microwave Systems L.L.C.
- Bor S. Luh International Award, Anna V.A. Resurreccion
- Bernard L. Oser Food Ingredient Safety Award, Bill Helferich
- Industrial Scientist Award, Kyungsoo Woo
- Research and Development Award, Arun Bhunia

- Samuel Cate Prescott Award, Manuel Castillo
- Myron Solberg Award, George Flick
- Elizabeth Fleming Stier Award, Rakesh Singh
- Calvert L. Willey Distinguished Service Award, Mary Wagner

### 2009 Elected Fellows:

Catherine Adams, Ken Buckle, Alfred Bushway, James R. Coughlin, Theron "Tee" Downes, C. Patrick Dunne, Kathleen Nelson Feicht, Luis Fernandez, John D. Floros, Pina Fratamico, Stanley Gilliland, Fu-Hung Hsieh, Yao-Wen Huang, John Marcy, Joseph Marcy, Dennis Miller, John Milner, Charles Sims, Fidel Toldra, Pamela Vaillancourt, and Purnendu Vasavada.

### Food Expo Innovation Awards

Thousands of Annual Meeting attendees applauded the innovative work of four deserving recipients of the [3rd Annual IFT Food Expo Innovation Awards](#).

Honorees include:

- Ecolab Incorporated: Enviro San® and ES-1000™ packaging sterilant
- EnWave Corporation : nutraREV dehydration technology
- The National Center for Food Safety and Technology : commercial use of pressure-assisted thermal sterilization.
- National Starch Food Innovation: Novation 4300 and 5300 starches used for the process and production of clean-label food products.

New in 2009, the four companies presented information on their innovations at a session on Sunday, June 7 held on the Expo Floor. Our 2008 recipients were [featured in a video](#) at the 2009 IFT Keynote session in Anaheim.

### IFTSA Excellence in Leadership Award, sponsored by Campbell's

The IFTSA Excellence in Leadership Award, sponsored by Campbell's recognized those students that demonstrated exemplary service and leadership within their student chapter, community and IFT. The 2009 awardees included Graduate recipient Laura Strawn from the University of Florida, and Undergraduate recipient Melvany Kasih from Cornell University.



Connection. Communication. Collaboration.

**IFT** Institute of  
Food Technologists



## Creating Opportunity

### Annual Meeting Scientific Program & Food Expo

The 2009 [IFT Annual Meeting & Food Expo](#) in Anaheim saw a 10% increase in registrant attendance with 8,755 attendees, compared to 7,922 attendees in 2008.

In 2009, IFT introduced the new framework for the scientific program, fostering better collaboration by organizing content around key issues, and involving expert multidisciplinary subpanels to identify content.

Overall, more than 2,000 presentations made up the 2009 Scientific Program, “Food Science from Producer to Consumer.” New sunrise sessions were offered on nanoscience, basic methodology of food allergies, and DNA methods of detection for food microbiology.

IFT’s world-renowned Food Expo in Anaheim, featuring more than 800 exhibitors, over 100 new exhibitors, and 500 ingredient companies, “wowed” our attendees once again with new innovations, award-winning products and concepts, and a preview of what’s new in the food industry from nearly every corner of the globe.

And IFT debuted our IPEX, Intellectual Property Exchange Session, two new sessions from the *Journal of Food Science*, Trend Tours, and our new Sustainability Pavilion featured on our Expo Floor.

Preparation for the debut of IFT’s new Scientific Program has been ongoing for most of 2009. In 2010, the Scientific Program will be organized around key focus areas within the industry, and based on core sciences which provide the foundation for all things related to food science. The new track structure is designed to meet food professionals’ needs, streamline programming by reducing the number

of programming “buckets” and decreasing the overall number of concurrent sessions.

### IFT and the Food Processing Suppliers Association

In a collaborative effort to offer an even more extraordinary member attendee experience during IFT’s Annual Meeting and Food Expo, IFT made an agreement in 2009 with the Food Processing Suppliers Association to co-locate with Process Expo, in conjunction with our 2010 Annual Meeting and Food Expo in Chicago.

The co-location of these two premier food events provides organizations with an opportunity to send their commercialization and/or optimization teams to a single, food-focused, cost-effective venue that will ultimately reduce product time-to-market and costs. Together, these two events will bring together the who’s who of food science and technology, food manufacturing, and more—all at one remarkable venue.

### Online Learning

**Webcasts:** In 2009, the What is Clean Labeling? webcast yielded the second highest registration to date with 128 live registrations and 32 on-demand registrations.

IFT held more than 10 webcasts throughout 2009, addressing many current issues IFT members and industry professionals experience, including The Challenges of Traceability, Recalls and Good Manufacturing Practices: What are the Lessons Learned?, and Risk-Benefit: The Whole Food Approach. Two webcasts were broadcast live from each Wellness 2009 and the IFT 2009 Annual Meeting and Food Expo. IFT also had the opportunity to broadcast a timely session from the Food Laws and Regulations Division Symposium, “There’s a New Sheriff in Town”: Impacts that Regulatory Developments and a Change in the Administration Will Have on Your Business.

**Online Courses:** IFT developed four food science online courses in 2009: Incorporating Food Safety in Product Development, How Consumer Values Affect Food Choices, Traceability in Food Systems, which included some content presented at the IFT 2009 Global Food Safety and Quality Conference, and Food Regulations Online Course with Live Q&A Sessions, which prompted the largest volume of online course enrollments in any given time period. Food Scientist



Connection. Communication. Collaboration.

**IFT** Institute of  
Food Technologists



for the Non-Food Scientist was the most popular online course in 2009 with 94 enrollments.

IFT added more professional development online courses as well with topics covering business ethics, finance and accounting basics, and customer service. Professional development courses made up more than 30% of the total online course enrollments in 2009. The total enrollment in 2009 for all online courses was 148.

### IFT Live

IFT took another step in remaining sustainable and “going green” with the introduction of *IFT Live*, the official show daily of the IFT Annual Meeting and Food Expo at the 2009 meeting.

Making its debut in Anaheim, this online, interactive newsletter showcased more than 90 articles, and a photo and video gallery. The online newsletter won an award from *PR News* magazine.

Access it now at <http://live.ift.org/> to learn more about the 2009 IFT Annual Meeting and Food Expo events, awards and competitions, sessions, Trend Tours, product development, and health and wellness.

### Trend Tours

New in 2009, IFT offered Trend Tours on the IFT Food Expo floor. The Trend Tours were self-guided attendee visits to exhibiting companies that offer innovative products or services related to the top four issues or trends facing the food industry, as identified by Food Technology magazine—Flavor & Color Innovation, Ingredients for Functional Foods, Naturally Sourced, and Weight Management.

Participating companies included:

- **Glanbia Nutritionals:** Introduced their Functional Flax for the Functional Foods Trend.
- **PL Thomas:** Introduced their Berry Dark Blend™ for Functional Foods Trend.
- **Wild Flavors:** Introduced their weight management lollipops for the Weight Management Trend.
- **Briess Malt & Beverage:** Introduced their BriesSweet™ White Sorghum Syrup 45DE High Maltose for the Naturally Sourced Ingredients Trend.
- **Culinary Farms:** Introduced their Dried Vegetables for the Naturally Sourced Ingredients Trend.
- **NIZO Food Research:** Introduced their Flavor Induced Satiety Concept for the Weight Management Trend.
- **DD Williamson:** Introduced their Certified Organic Annatto for the Color Innovation Trend.
- **Blue Pacific:** Introduced their hortRelfruit™ true-to-fruit technology for the Color Innovation Trend.

### Wellness Conference

In March, 2009, hundreds of professionals attended *Food Technology Magazine's* Wellness 09 Conference: At the Forefront of Food & Health. Unique in its format and content, this conference offered practical, sound science applications to help participant's organization's stay profitable, identify new marketplace opportunities, and minimize risk in the development and marketing of healthful foods. Wellness 10 promises to be even more successful with registration and sponsorship metrics on target to surpass the 2009 Conference.

### Global Food Quality and Safety Conference

Outbreaks and other issues have brought the subject of traceability to the attention of the public and into the regulatory spotlight. On June 10, 2009, participants at the IFT Global Food Safety and Quality conference, Traceability in Food Systems: Technology vs. Reality, examined the need for traceability, discussed current solutions and advances, and identified future research needs. The conference, which included a Technology Showcase of seven sponsors, had over 170 attendees.



Connection. Communication. Collaboration.



### Strategic Leadership Forum

IFT held the 2009 Strategic Leadership Forum (SLF) at the Westin O'Hare in Rosemont, IL on December 3-4, 2009. Nearly 100 members gathered to hear presentations on breakthrough leadership, generational leadership, communication strategies, tips for working with the media, and even how to de-stress at their desk using yoga.

The opportunity to participate in the 2009 SLF was open to all members through an application process. The response to the call for applications was overwhelmingly positive. We received 173 applications for 50 available slots. A selection panel was established to review the applications and make the final selection of the funded participants. A recap of the entire event is featured in the February 2010 issue of *Food Technology* magazine.



Connection. Communication. Collaboration.

**IFT** Institute of  
Food Technologists



## The Voice of Our Members

### Public Policy and Regulatory Outreach Implementation Task Force

Members: Ricardo Carvajal (Chair), Barbara Blakistone, John Bode, Caitlin Boon, Henry Chin, Mary Christ-Erwin, Jack Cooper, Daniel Engeljohn, Scott Hagedorn, Mickey Parish, Martha Rhodes Roberts, Hilary Shallo Thesmar

The Public Policy and Regulatory Outreach Task Force was formed in 2009 to position IFT as a voice on the science of food in the public policy arena. Members of the Task Force have focused efforts on developing and implementing a robust federal and regulatory policy program aimed at solving real, substantive food science-related problems.

Current and emerging issues have been identified within the topical areas of food safety, health and wellness, and emerging technologies, and the Task Force has developed teams for each of these areas. The tactical team leaders are Jack Cooper (Emerging Technologies), Dan Engeljohn (Food Safety), and Mary Christ-Erwin (Health and Wellness). The tactical teams will help provide ongoing issue management to maintain focus in each of the topical areas. The IFT Board of Directors approved the [Public Policy and Regulatory Outreach Task Force report](#) in June of 2009.

### Congressional Support for Science Awards

IFT honored two distinguished members of the United States Congress, Senator Kent Conrad (D) of North Dakota and Representative Bob Goodlatte (R) of Virginia, with the 2009 IFT Congressional Support

for Science Awards during a May 12, 2009 reception held on Capitol Hill. Both Senator Conrad and Representative Goodlatte were recognized for their outstanding contributions to science-based agriculture, food, and nutrition policies.

### Media Relations

IFT received over 112 million media impressions, close to 5,000 media placements, and an ad value of nearly \$20 million. Key drivers of these placements are IFT's Media Updates, proactively identifying news opportunities, communication tactics such as audio news releases and mat releases, and media tours in both Los Angeles and New York City.

Key placements include: *Los Angeles Times*, *Chicago Tribune*, *WebMD.com*, *Women's Health* magazine, *CBS News Chicago*, *Marie Claire UK*, *Rodale.com*, *Healthday.com*, *National Public Radio*, *Chow.com*, *KABC-TV Los Angeles*, *Marie Claire*, *Popular Science*, *Miami Herald*, *Eating Well* magazine, *Scientific American*, *Muscle and Fitness Hers* magazine, *Today's Dietitian*, and *Women's Health* magazine.

The IFT Media Updates reach thousands of media professionals and highlight [Food Technology](#) articles, IFT peer-reviewed journals, and IFT events.

In particular, media continue to be interested in *Journal of Food Science* articles covering topics such as essential oils in the fight for food safety, microwaving hot dogs may reduce listeria, black tea may fight diabetes, and asparagus extract may be a cure for hangovers, antioxidants in vegetables.

Other topics of interested highlighted within IFT Food Facts include: [Safer Packed Lunches](#); [Keeping Summer Foods Safe](#); and [Spring Cleaning Foods and Pantry](#).



Connection. Communication. Collaboration.

**IFT** Institute of  
Food Technologists



## Delivering the Food Science Message

### Food Technology Magazine

In January 2009, *Food Technology* published two articles related to food safety—"Food Product Traceability: New Challenges, New Solutions" and "New Media for Communicating Food Safety." In February, the magazine published a 2500-word synopsis article on the Scientific Status Summary "Quorum Sensing in Biofilms: Why Bacteria Behave the Way They Do." A perennial reader favorite, the Top 10 Food Trends report was published in April. In June, the magazine published the "GRAS Flavoring Substances 24" report. IFT and *Food Technology* have been publishing the GRAS updates since 1960. In July, *Food Technology* published a 2500-word summary article on the Expert Report "Making Decisions about the Risks of Chemicals in Foods with Limited Scientific Information." In September, *Food Technology* published an article on "Nanoscale Science Creates Novel Food Systems" based on IFT's fourth International Food Nanoscience Conference, which was held in Anaheim during the IFT Annual Meeting & Food Expo. In November, the magazine published an online exclusive article on the IFT's Report and Recommendations to FDA on Product Tracing [Traceability] in Food Systems and a *Perspective* column on how the work of and friendship between Samuel Cate Prescott and William Lyman Underwood forged the advancement of food science and the founding of IFT.

### IFT Journals

Submissions to all three IFT journals continue to rise due to their added visibility online through

Wiley-Blackwell's hosting services, elimination of page charges for IFT members in 2007, and rising Impact Factors for the *Journal of Food Science* (JFS) and *Comprehensive Reviews in Food Science and Food Safety* (CRFSFS). The journals, including JFS, CRFSFS, and the *Journal of Food Science Education* (JFSE), are attracting more top authors in their fields and more foreign authors. 2009 saw nearly 1300 unique submissions to the journals, (the highest volume yet), and 420 papers were published. CRFSFS is now ranked as the #3 journal in Food Science by Thomson-Reuters Citation Reports.

### Traceability Study

On September 15, 2009, IFT submitted to FDA its substantial, two-volume [report](#) of the year-long task "Tracing Systems: An Exercise Exploring Data Needs and Design." This task, the most complex task order IFT has had during 10 years of contract work with the FDA, engaged approximately 200 individuals, including many IFT members.

Since submission of this work and another product tracing task, (a mock trace-back/trace forward exercise that shows there is potential to expedite trace-backs by visualizing supply chains to find points of commonality), IFT has responded to a multitude of requests for additional information.

Most notably, IFT provided testimony twice at the invitation of FDA's Center for Food Safety and Applied Nutrition during their joint public meeting with USDA's Food Safety and Inspection Service on product tracing. IFT has also spoken to many trade associations, IFT members, and members of the press, securing over 320,000 media impressions from both trade and consumer media.

### Expert Report on "Making Decisions About the Risks of Chemicals in Foods with Limited Scientific Information"

The fifth IFT Expert Report, "Making Decisions about the Risks of Chemicals in Foods with Limited Scientific Information," debuted at the 2009 Annual Meeting in Anaheim, with a technical scientific session. IFT convened a panel of experts to examine the complexities that challenge timely decision-making about chemical substances when available scientific information is limited and define and develop a workable tool to guide food safety managers in effectively and knowledgeably evaluating available scientific evidence to make timely decisions.



Connection. Communication. Collaboration.



Panelists who contributed to the report are: Wayne Bidlack (Panel Chair), Diane Birt, Joseph Borzelleca, Roger Clemens, Nicole Coutrelis, James Coughlin, George Dunaif, Andrew Ebert, Richard Hall, James Heimbach, William Helferich, Bernadene Magnuson, Diane McColl, Robert McQuate, Ian Munro, Barbara Petersen, Ashley Roberts, Joseph Scimeca, Martin Slayne, and Thomas Trautman.

A summary of the report was published in the [July 2009 issue of Food Technology magazine](#), and a copy of the full report can be found in the [July 2009 issue of Comprehensive Reviews in Food Science and Food Safety](#).

### Electronic Newsletters

[The Weekly](#) newsletter continues to provide timely news on food regulations, nutrition, food safety, scientific research, food company acquisitions, and IFT and member activities to about 37,000 subscribers. All members also have access to IFT's [Express-Connect](#), a monthly member newsletter with focus on programs, activities, and stories of interest to our IFT community.

### ePerspective

In January 2009, the [ePerspective](#) - a food science & technology blog with postings from experts and comments from readers—was launched under the *Food Technology* brand. The first *ePerspective*, which discussed the *Salmonella* outbreak in peanut butter, generated five comments. In its first year, *ePerspective* was viewed over 13,500 times or about about 38 visits per day. New *ePerspectives* are posted about every 1 to 2 weeks and are publicized through *The Weekly* newsletter and Daily News on our website.

### IFT Press

IFT Press, a book partnership with Wiley-Blackwell, has published a total of 17 books since 2004. It published three books in 2009: *Sustainability in the Food Industry* edited by Cheryl J. Baldwin; *Microbial Safety of Fresh Produce* edited by Xuetong Fan, Brendan A. Niemira, Christopher J. Doona, Florence E. Feeherry, and Robert Gravani; and *Calorimetry and Food Process Design* edited by Gonul Kaletunc. There are two books with projected publication dates of 2010: *Bioactive Proteins and Peptides as Functional Foods and Nutraceuticals* edited by Yoshinori Mine, Eunice Li-Chan, and Bo Jiang and *Hydrocolloids in Food Processing* edited by Thomas R. Laaman. Some topics of future IFT Press books (reflecting manuscripts submitted or in development) are thermal processing, nonthermal processing, carbohydrates, fats and oils, dairy ingredients, resistant starch, nanotechnology, food safety of imported foods and ingredients, and foodborne pathogens. Visit the [IFT Press](#) area of [ift.org](#), for more information about all of the books in the series, including how to purchase books and submit manuscripts.



Connection. Communication. Collaboration.

**IFT** Institute of Food Technologists



## A Bridge to Our Future

### IFT Hosts China Delegation

IFT hosted a delegation from Jiangsu Province, China in late October 2009, to discuss the role IFT plays in shaping and influencing U.S. food policy. Jiangsu Province is the most developed region in China, but they have increasing food safety concerns. The delegation hopes to gain a better understanding of quality control and food safety issues in agriculture and the food industry while in the U.S. The 18+ person delegation is organized by the Provincial Green Food Office, an agency of the Provincial Department of Agriculture and Forestry in China.

### Chinese Institute of Food Science and Technology (CIFST) Summit

IFT and CIFST's commitment to food science has been demonstrated through joint programming over the past decade and was highlighted during the 2009 IFT-CIFST Food Summit in Beijing from November 8 to 10, 2009. The event focused primarily on food safety and also included sessions on nutraceuticals, functional foods, and GRAS.

### Chinese Global Food Industry Magazine

In June of 2009 at the IFT Annual Meeting and Food Expo in Anaheim, IFT and the Chinese Institute of Food Science and Technology (CIFST), unveiled the inaugural issue of *Global Food Industry Magazine*. The magazine, jointly published by IFT and CIFST in Mandarin, aims to be the premier publication in China addressing the science of food. The publication is available to about 5,000 CIFST members and IFT members in China, Hong Kong, and Taiwan.

### Codex Alimentarius

In 2009, IFT participated in meetings of the Codex Committees on Food Additives (represented by IFT Codex Subject Expert [CSE] Rodney Gray and Gloria Brooks Ray), Contaminants in Foods (CSE Jim Coughlin), Food Labeling (CSE Robert Conover and Gloria Brooks-Ray), the Commission (Robert Conover) and Nutrition and Foods for Special Dietary Uses (CSE Rosemary Walzem, Gloria Brooks-Ray, and Rodney Gray). IFT contributed to deliberations in several Codex venues, providing input into such topics as "Proposed Draft Guidelines on Substances Used in Food Processing," "Discussion Paper on the Nutrient Reference Values for Nutrients Associated with Risk of Noncommunicable Disease," and "Proposed Draft Guidelines on Criteria for Methods for Detection, Identification and Quantification of Specific DNA Sequences and Specific Proteins in Particular in Foods Derived from Modern Biotechnology."

### Latin American and Caribbean Association of Food Science and Technology (ALACCTA) Activities

IFT has been working with ALACCTA and the Columbian Society of Food Science and Technology (Asociacion Colombiana de Ciencia y Tecnologia de Alimentos) on planning a joint event in the fall of 2010 in Colombia. IFT will help with the development of speakers and sessions on sensory evaluation, food consumption trends, and food science and technology for economic development.

### International Union of Food Science and Technology (IUFoST)

As the US-adhering body for IUFoST, IFT had the opportunity to nominate a member to stand for election to the IUFoST governing council. IFT submitted a nomination for Dr. Herbert Stone to run for election.

IFT submitted a proposal to conduct a Food Science Leadership Course in conjunction with the IUFoST World Congress in August of 2010 in South Africa. The host committee is excited about this opportunity and the course will be open to new professionals and students attending the Congress.



Connection. Communication. Collaboration.

**IFT** Institute of  
Food Technologists



### Nanoscience Conference

Experts from around the world participated in IFT's International Food Nanoscience Conference, "Nanoscale Science and Technology of Food: From the Lab to the Table," on Saturday, June 6, 2009. Participants explored the latest developments in nanoscale science and technology and its applications in food—across the full continuum from research to consumption and including development, formulation and testing, scale-up for commercial production, safety assessment, and regulatory and consumer issues.

### Coalition on Funding Agricultural Research Missions

IFT member Dr. Rakesh Singh, Head of the Food Science & Technology Department with the University of Georgia participated in the 2009 Biological and Ecological Sciences Coalition (BESC) / Coalition on Funding Agricultural Research Missions (CoFARM) Congressional Visits Days on April 21 and 22, 2009. IFT is a member of CoFARM and since 2003, the joint Spring Hill event has informed members of Congress and their staff about the importance of federal support for agricultural research, as well as provided participants with valuable information and networking opportunities. Over 30 scientists participated, with expertise in areas ranging from soil science, food science, evolutionary ecology to agricultural economy.

### IFT Comments

In 2009, IFT provided comments to the Institute of Medicine (IOM) Workgroup on FDA's Role in Ensuring Safe Food and the IOM ad hoc Consensus Committee on Strategies to Reduce Dietary Sodium. Comments were submitted to FDA's Transparency Task Force and on FDA's Draft Guidance for Industry on Good Importer Practices. Comments were submitted to USDA's Dietary Guidelines Advisory Committee and on the USDA Roadmap for Agricultural Research, Education, and Extension and the Determination of Nonregulated Status for Genetically Engineered High-oleic Soybeans. Comments were also submitted to the White House Office of Science, Technology, and Policy on scientific integrity, and to the National Organic Standards Board on nanotechnology in organic food production, processing and packaging. All [IFT comments](#) are available on [ift.org](#).

### National Coalition for Food and Agricultural Research

IFT sponsored Dr. Chris Thompson, Senior Agricultural Regulatory Specialist in the Division of Regulatory Services for the University of Kentucky's College of Agriculture as the speaker at a National Coalition for Food and Agricultural Research (National CFAR) Lunch N' Learn Seminar on September 14, 2009. His presentation to over 75 Hill staffers and others focused on "Food Traceability – Finding Our Way (and Our Food) Back to the Farm: Milk Transport Security through Traceability." IFT is a member of National C-FAR, a nonprofit, nonpartisan coalition in support of sustaining and increasing public investment at the national level in food and agricultural research, extension and education.



Connection. Communication. Collaboration.



## A Collaborative Community

### FDA Contract

On September 18, 2009, IFT was awarded a third five-year contract with the FDA. The work on this new contract, relating to food protection, has been initiated. Task Order 1 has two major parts: "Factors of a Food Product(s) or Ingredient(s) Which Heighten the Risk for Intentional Contamination" and "Use of the CARVER+Shock Software (version 2) for Conducting Vulnerability Assessments."

### IFT/ASN/IFIC Food Science and Nutrition Solutions Advisory Panel

IFT continues to play a lead role in the Food Science and Nutrition Solutions Advisory Panel, which includes the American Society for Nutrition and the International Food Information Council. The group recently developed a three-year strategic plan. Its mission is to raise awareness of the interface of food science and nutrition, and design actions to demonstrate the impact of food and nutrition sciences to improve public health. The overall goals of the 3-year plan are to raise awareness and educate target audiences relating to the interface of food science and nutrition, identify and promote research related to the interface of food science and nutrition that addresses important and timely issues and opportunities, position the societies (IFT/ASN/IFIC) that make up this unique collaboration as leading voices in bringing the realities of the interface between food science and nutrition to food policy discussions.

### National Research Initiative

For the second year, the National Research Initiative (NRI) program of the U.S. Department of Agriculture's Cooperative State Research, Education, and Extension Service (CSREES) held its project director's meeting on Friday, June 5, 2009, in conjunction with the IFT Annual Meeting & Food Expo. The director's meeting provides a forum to project directors for networking, assessing the progress and direction of projects, apprising directors of the awards management process, and obtaining feedback on science direction.

New in 2009, the NRI program offered a sunrise session on the USDA's expectations for proposals and a scientific session covering the best of NRI grant research.



Connection. Communication. Collaboration.

**IFT** Institute of  
Food Technologists



## Serving the Food Science Community and Beyond

### IFT Cares and Feeding America

Through [IFT Cares](#), a number of IFT members donated their time during the 2009 Annual Meeting & Food Expo in Anaheim to pack food at the Second Harvest Food Bank of Orange County.

IFT volunteers packed nearly 1,700 boxes of food equating to 85,000 meals for food bank clients of Feeding America, formerly America's Second Harvest. The Second Harvest Food Bank of Orange County supplies food to more than 200,000 residents each month, and the client base has increased by 32% in recent months as a result of the recession.

### IFT Foundation & Student Association Fun Run

Thanks to the unwavering support of hundreds of IFT members, more than 350 people participated in the 9th Annual [Fun Run](#) on Monday, June 8, 2009 in Anaheim. Dedicated runners, walkers, and generous contributors raised over \$50,000 for the event, benefitting IFT Foundation scholarships. The Foundation has provided more than 4,000 scholarships to undergraduate and graduate students to attract bright young minds to food science, food technology, and related curricula. The IFT Foundation awarded 94 [scholarships](#) during the 2009-2010 academic year totaling \$140,250.

### C. Ann Hollingsworth Student Leadership Scholarship

In late 2009, the IFT Foundation and IFT Student Association, through a committee of Ann's peers, established the [Dr. C. Ann Hollingsworth Student Leadership Scholarship](#). The scholarship will recognize student leaders who have demonstrated outstanding leadership at their university and in the IFT Student Association, along with passion for student advocacy, IFT, and their chosen profession. It will provide funds for student leaders to continue their studies and join the ranks of IFT leaders as their careers progress - fostering the students who will chart a strategic course for the organization and our profession. The IFT Foundation has a campaign goal of \$50,000 to make this program for student leaders a reality.

### Richard L. Hall Scholarship in Flavor Science

The Richard L. Hall Scholarship in Flavor Science was established by the IFT Foundation through a generous gift from the Flavor and Extract Manufacturers Association. The scholarship is awarded annually to a graduate student in food science. Recipients will embody the same devotion to the use of sound science in the safety assessment of flavors that have characterized Dr. Hall's 50 years of dedicated service to the flavor industry.



Connection. Communication. Collaboration.



## IFT Financials

The operating results from IFT's fiscal year 2008–09 were positive, given the difficult financial times during the past 12 months. Operating income was \$186K. There was a realized loss of investment income, including dividends and interest, which totaled approximately \$2M. It was this realized loss of investment revenue that decreased IFT's reserves by approximately \$1.8M. IFT's financial position remains very strong. Reserves (nets assets) are \$16 million which represents 107% of operating expenses.

In December 2009, the Audit Committee discussed with the accounting firm of Clifton and Gunderson the annual audit results. IFT received an unqualified opinion, which is the highest opinion given by auditing firms. The audit was also completed without any adjusting journal entries required.



Connection. Communication. Collaboration.

## IFT Financials

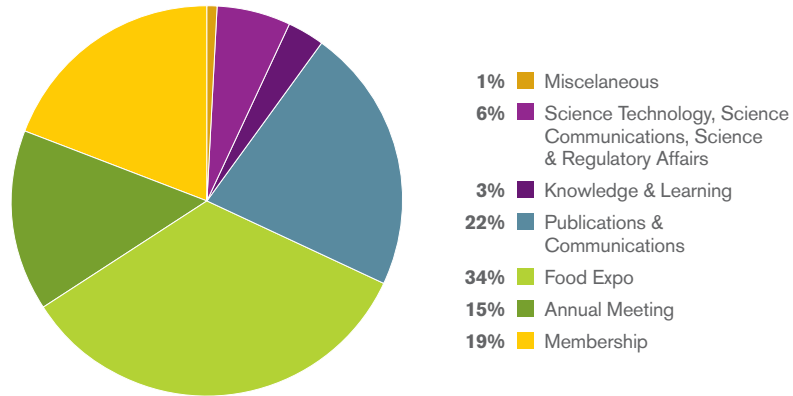
	Fiscal Year Ending 08/31/09	Fiscal Year Ending 08/31/08
<b>ASSETS</b>		
Cash & Cash Equivalents	762,310	1,421,522
Accounts Receivable	869,313	666,908
Prepaid Expenses	413,214	407,376
Deferred Charges	0	0
<b>Total Current Assets</b>	<b>2,044,837</b>	<b>2,495,806</b>
Investments, Market Value	19,165,594	20,076,531
Property & Equipment, Net	852,697	787,452
<b>TOTAL ASSETS</b>	<b>22,063,129</b>	<b>23,359,789</b>
<b>Liabilities &amp; Net Assets</b>		
<b>LIABILITIES</b>		
Accounts Payable	638,149	649,800
Accrued Expenses	1,133,963	1,030,804
<i>Deferred Revenue</i>		
Members' Dues	1,128,847	1,125,339
Subscriptions	223,910	221,939
Annual Meeting/EXPO	2,349,388	1,970,077
Other	102,887	43,180
Sub-total Deferred Revenue	3,805,032	3,360,535
<i>Deferred Expenses</i>		
Deferred Rent Obligation	471,540	467,797
Deferred Council Fd. Admin.	4,208	5,078
Sub-total Deferred Expenses	475,748	472,875
<b>TOTAL LIABILITIES</b>	<b>6,052,892</b>	<b>5,514,014</b>
<b>NET ASSETS</b>		
<i>Unrestricted:</i>		
IFT - Undesignated	17,073,439	17,462,318
IFT - Divisions	772,335	804,249
Net Income (Loss) YTD	(1,835,537)	(420,793)
Total Unrestricted Net Assets	16,010,237	17,845,774
<b>TOTAL LIABILITIES &amp; NET ASSETS</b>	<b>22,063,129</b>	<b>23,359,789</b>



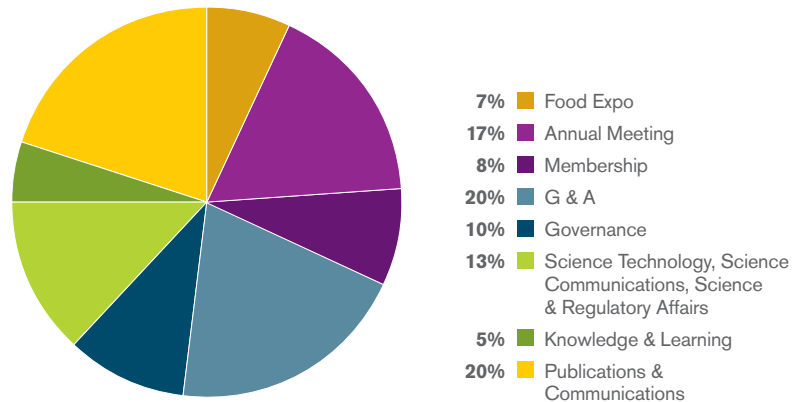
Connection. Communication. Collaboration.

## IFT Financials

IFT SOURCES OF REVENUE  
Fiscal Year 08/09 - \$15,092,652



IFT ALLOCATION OF EXPENSES  
Fiscal Year 08/09 - \$14,906,076



### IFT Sources of Revenue and IFT Allocation of Expenses FY 08/09

Revenue	FY 08/09 - \$15,092,652
Membership	2,866,171
Annual Meeting	2,321,190
Expo	5,181,612
Publications & Communications	3,256,531
Knowledge & Learning	481,465
Sci Tech, Sci Com, Sci & Reg Affairs	834,713
Miscellaneous	150,970

Expenses	FY 08/09 - \$14,906,076
Membership	1,188,645
Annual Meeting	2,493,926
Expo	1,031,189
Publications & Communications	3,020,754
Knowledge & Learning	777,648
Sci Tech, Sci Com, Sci & Reg Affairs	1,870,911
Governance	1,429,882
G & A	3,093,121