



2016–2017 Annual Report: **Impact by the Numbers**

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# Presidents' Letter: Impacting the Profession and the World



John Coupland, IFT President, 2016-17

My year as IFT president was one of the best of my career, and I will always be grateful for the opportunity to serve the organization, its members, and the profession. We face huge global problems in our lifetimes and many of them converge around the challenges of feeding more people with less environmental impact. That doesn't mean any particular decision about food processing can be justified by a need to "feed the world," but the need is real and the traditional food science skills of processing farm produce into safe, nutritious food that can be enjoyed by people distant in time and place remain essential.

Yes, we need to develop new technologies, but we also need to be sure that what we already know is applied responsibly around the world and that the technical expertise of food scientists is valued not only within our own circles, but also in public policy debates. So much of what we accomplished at IFT in 2016-17 was done with an eye toward building that future.

One of my highlights from this year was the IFT premiere of *Food Evolution*. If you have not yet had the opportunity to view it—either at IFT17 or at one of its theatrical screenings—I encourage you to seek out a local showing (or check it out on Hulu, iTunes or YouTube.) IFT commissioned documentarian Scott Hamilton Kennedy to make the film because we wanted to catalyze a better conversation on

the appropriate use of science to support good decisions about the food we eat. Kennedy landed on the controversial subject of genetically modified organisms and the film continues to provoke strong reactions and even if you haven't seen the film I'm sure you already have a view on the issue. But the world already has plenty of controversy and strong opinions—we want to build a constructive scientific perspective to our disagreements.

So much of our politics and culture is divided into opposing camps that defend their worldviews

**“The world already has plenty of controversy and strong opinions—we want to build a constructive scientific perspective to our disagreements.”**

against an opposing “tribe” they dislike or fear. Food is certainly no exception! Science can offer ways forward, but we need to make a conscious effort to overcome our prejudices and do the hard work of engaging

with the nuance as well as limitations of the actual data. At the same time, we need to recognize people can reach conclusions that may not coincide with ours but not be “anti-science”; they might just consider different types of data relevant or value risk and potential benefit in different ways. Indeed, science and technology can provide new ways of preparing food that resolve some of the social and ethical concerns that underlie current controversies.

The processed foods panel at IFT17 offered a good example of that sort of thoughtful disagreement.

# Presidents' Letter, continued

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The panelists had sharply differing views on the meaning and value of “processed food,” and as with most contentious issues, there was no piece of science that could settle the question, but by engaging on the nuance and disagreeing thoughtfully, we all learned from watching their discussion. It’s conversations about science and food like these that IFT will support by building programs to help individual members communicate effectively about the value of their scientific contributions as well as with targeted outreach in public policy issues focusing on the scientific questions where we have the relevant expertise.

Another highlight of 2016-17 critical to the future of our profession is the launch of year-long *IFTNEXT* programming. The food space is always changing and being challenged by outside ideas and trends, and if IFT isn’t an open organization it will quickly stop being relevant. *IFTNEXT* is our way of looking outward and looking forward to seek out new thinkers and bring their insights to our members. At the annual event, the *IFTNEXT* stage sessions on design thinking, food scientists working to help people in developing countries, plant-based meats, and GMOs were all very well attended. Also, the “Start-Up Alley” allowed innovative new companies to present novel ideas that may change the way we eat. These are companies that wouldn’t typically be present at the food expo, but *IFTNEXT* offered a way for them to get involved and for us to learn

from them. These exciting experiences extended beyond the annual event through provocative editorial content, providing members with inspiring entrepreneurial food for thought. Look for more *IFTNEXT* content throughout the year and at IFT18.

I’d like to conclude with an appeal to you as IFT members and as professionals in the science of food community. IFT is the organization that speaks for the science of food and for the profession. I urge you to get involved—nominate someone you know for next year’s board elections, join a division, attend a section event. Whatever you do, make the most of your IFT membership—not just because of what IFT can do for your career but also for what food science can do for the world both now and in the future. Thank you for the opportunity to serve as your president—it has been a great honor.



- John Coupland, IFT President, 2016-17

# Impact through Our Promises

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As a global organization, IFT is committed to our community of members, volunteers, and partners. This commitment is reflected in the strategic priorities that guide us and through the promises we make to our members. It is through our unwavering dedication and execution of our four promises that IFT's impact is most exemplified.

## **DEVELOP**

*Advance and Promote Careers in the Science of Food*

## **NETWORK**

*Establish Productive and Interactive Global Networks*

## **INNOVATE**

*Promote Science, Technology, and their Application*

## **ADVOCATE**

*Address Issues and Influence Outcomes*

Whether it's providing opportunities to learn about the most up-to-date or future-forward innovations in the industry, providing opportunities to connect and share scientific knowledge, or to promote the importance of science and its positive impact on the world, we are dedicated to supporting our members' needs through these promises. In the following pages we share highlights from the last year that exemplify our promises and the impact they had to help support our members.

# Members Measure Our Impact

For the last two years we have reached out to our members to ask them about their current needs and how they felt IFT was doing to help meet those needs. Here is what they told us.

95%

**Members promote IFT:**  
95% of members are likely to recommend IFT to a peer.

96%

**Members value IFT:**  
96% of members are likely to renew.

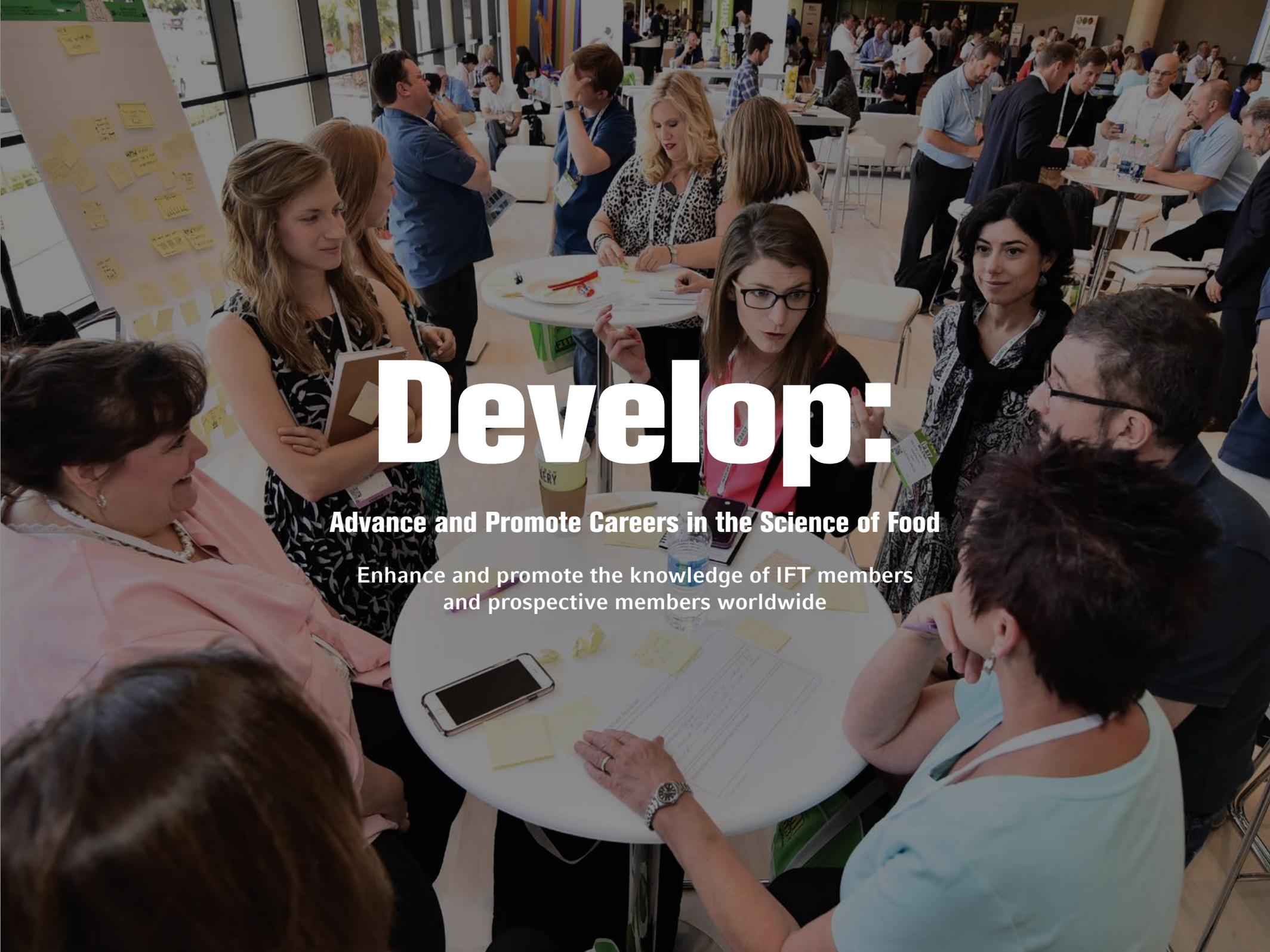
## Benefits members valued most

1. The ability to stay current on information, news, and trends related to the science of food
2. Meeting/networking with others involved in the science of food
3. Having access to information and resources specific to the science of food

## Top three highest performance ratings

1. Elevating the reputation of the science of food, food scientists, and related professions
2. Providing networking opportunities
3. Providing information relevant to my areas of interest within the science of food





# Develop:

**Advance and Promote Careers in the Science of Food**

Enhance and promote the knowledge of IFT members  
and prospective members worldwide

# Online and In-Person Learning

Providing practical, relevant knowledge both in-person and online, allowing professionals in the science of food to enhance their skills, get the latest insights into changes impacting their career, and earn contact hours for CFS certification renewal.

# 6,105

**Webcast Views,**

providing insightful content to help inform and advance our members' technical knowledge

# 716

**Registrations**

for IFT [short courses](#), giving attendees new skills to help them advance their careers

IFT's catalog of live and on-demand webcasts (available free to IFT premier members) features over **80 webcasts**, highlighting everything from "New Ingredients & New Opportunities" to "Food Labeling in the United States" to "Artificial Intelligence and Machine Learning Applications in Sensory Evaluation." [Check out the IFT Knowledge Center](#) to see more about IFT's online learning opportunities.

## Our two most popular webcasts?

- [2017 Top 10 Food Trends](#),
- [Natural Emulsifiers: Identifying and Characterizing Alternatives to Synthetic Ingredients in Food Emulsion](#)



# Emerging Leaders Network

Tomorrows leaders in the science of food empowered to network, develop, and engage.

# 41

up and coming leaders

Participants in our **highly selective Emerging Leaders Network program**, a global leadership program established for new professionals in the science of food who are eager to expand their leadership skills. The program is designed to bridge the gap between the participant's academic experience and their on-the-job training. Up-and-coming leaders from seven countries—including the **United States, Canada, Costa Rica, South Africa, Malawi, and New Zealand**—came together at IFT's annual event for two and a half days of learning, networking, and development, representing companies such as **General Mills, Yum! International, the National Dairy Council, and Ingredion.**

*"I learned a lot about myself and what's important to me and where my talents lie. Most importantly, I learned to take more risks and trust myself more, and I've already begun this in my career as well as my daily life."*

- Jessica Hallstrom, 2017 Emerging Leaders Network participant



# Feeding Tomorrow (The Foundation of the Institute of Food Technologists)

Raising awareness of careers in the science of food and sharing solutions to help ensure a healthier tomorrow.

# \$119K

awarded to 73 winners of Feeding Tomorrow academic scholarships

**32 Universities** received student scholarships



## STUDENT SPOTLIGHT: Allison Brown, PhD Student

As a dual-title degree student in Food Science and International Agriculture and Development at Penn State, Allison's research interests include understanding the impact of Theobroma cacao cultivar on chocolate flavor and the importance of chocolate flavor to American craft chocolate consumers, and how this knowledge impacts cacao breeders, cacao farmers and other stakeholders in the supply chain. Allison hopes to pursue a career in cocoa and chocolate science.

# 654

to Three Square Food Bank as part of the IFT17 food waste awareness campaign

**Pounds of Food Donated**



**We also donated 2 tons of uneaten food from the IFT17 event to a local pig farm!**



# IFT Student Association

Bringing together, advancing, and nurturing the knowledge of future professionals in the science of food.

**3,708**

**IFTSA Members**

**224**

**IFTSA Members**

at **Rutgers University**,  
the 2017 IFTSA Chapter  
of the Year

**62**

**IFTSA Chapters**

at colleges and universities





## STUDENT CHAPTER FOCUS: Rutgers University

### Volunteering in their local community to inspire a love of science in local public schools

"Having to choose just one of our club's outreach activities is difficult because out of the categories to discuss events, public outreach activities are always the most exciting and have the most lasting impact since we as students not only learn something new, but can educate the public (in this case, little future scientists) on what exactly food science is.

We were asked to return to the Chester Science Fair and host an exhibit because it was the students "favorite exhibit of the fair!" in 2016. With 18 volunteers, we were able to host two exhibits: "Does Your Food Glow in the Dark?" and "Create Your Own Gummy Worms!" Foods including lettuce, pickles, cucumbers, spinach and red lentils were put into dark black boxes. Using UV flashlights, children and their parents looked into the black boxes to see the foods glowing in various colors. While kids were looking at the glowing foods, our student volunteers explained that some foods contain naturally occurring fluorescent molecules and the potential for these fluorescent molecules inside the food to be used as a sensor to detect food safety and quality.

For the next exhibit, instant gummy worms, children were given the opportunity to mix sodium alginate, calcium chloride and food coloring. Rutgers food science volunteers explained to the kids why the cross-linking occurs and why these two solutions form a gel. These activities not only resulted in many good questions but also gave us a chance to ask the kids what experiments they had worked on to present at the science fair.

There were (surprisingly) many food science-related projects that were interesting and gave us a chance to ask them questions and test their food science knowledge and let them know that even if they saw the experiment they worked on as very fun, it is something they can realistically be working on in the future and have an impact on the world."

- Robyn Miranda,  
Rutgers University chapter president, 2016-17



# CFS

Validating and promoting the applied scientific knowledge and skills of global food professionals and providing a universal way to identify, cultivate, and retain top talent

# 1,941

## Certified Food Scientists

around the globe in 55 countries

# 133

## New CFS Recipients in 2017

whose certification demonstrates a range of knowledge and a commitment to self-directed, lifelong professional development and learning

*"It's a professional certification that means something. It gives me immediate credibility—not just that I'm a professional, but that I am a food scientist."*

—Lori Rothman, CFS,  
sensory scientist and principal at Lori Rothman Consulting



# Career Center

Connecting professionals in the science of food with new opportunities to build their careers

**604**

**Job Postings**

on the IFT Career Center  
online job board

**294**

**Companies**

posted new jobs in  
the IFT Career Center

**4,868**

**Job Applications**

sent through the  
IFT Career Center

**24**

**Companies**

participated in the  
Career Center Live  
job fair at IFT17

**500**

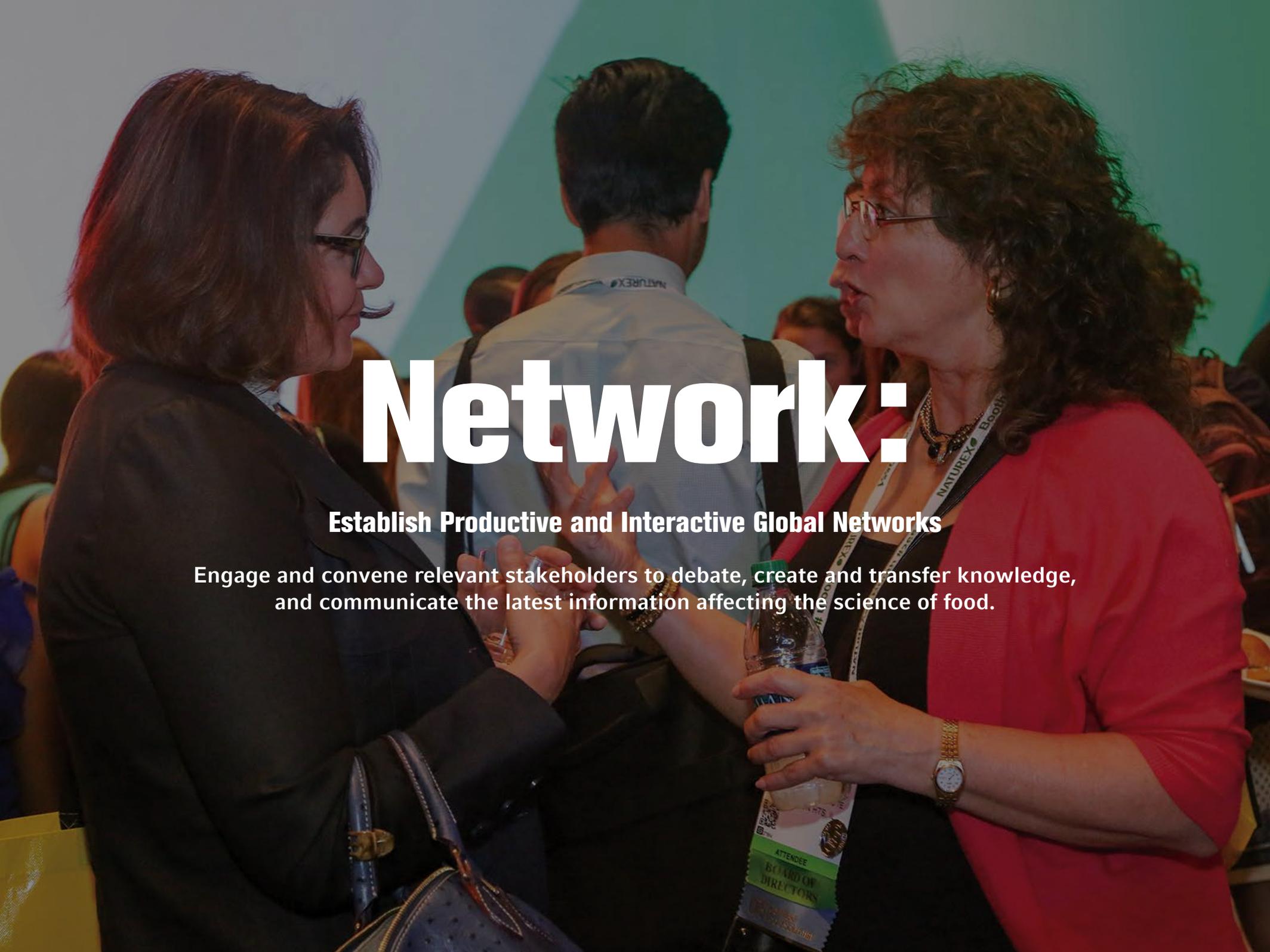
**Interviewed**

over two days  
at Career Center Live  
during IFT17

*"Recruiting events like IFT's are a good way to spread the word about your company. Our company is still gaining exposure and we had a great opportunity to come into contact with a broader pool of applicants to fill several open positions we were recruiting for"*

– Danielle Bryant, Hissho Sushi



A photograph of two women in professional attire engaged in a conversation at a conference. The woman on the left is wearing a dark blazer and glasses, while the woman on the right is wearing a red top and glasses. They are both wearing lanyards with badges. The woman on the right is holding a water bottle. In the background, a man in a white shirt with 'NATUREX' on the back is visible. The background is a light blue and green wall.

# Network:

## **Establish Productive and Interactive Global Networks**

Engage and convene relevant stakeholders to debate, create and transfer knowledge, and communicate the latest information affecting the science of food.

# Membership

The heart of IFT, our members are a community of scientific scholars, innovators, visionaries, and achievers all passionately dedicated to the advancement of the science of food and food technology. IFT membership is critical to ensuring that the science of food profession is strong, relevant, and influential.

**16,833**  
**IFT Members**

**97**  
**Countries**

including all 50 U.S. states  
and Washington D.C.

**1,508**  
**Volunteers**

dedicating their time to support fellow members and the science of food profession. 93% said they were very likely to volunteer again.

**94%**  
**Ranking**

of overall volunteer experience as excellent or very good



# Sections

Connecting members through meaningful networking, learning, volunteering, and supplier information with professional peers in their local area

# 265

## IFT Section Events

### Examples include:

- **Great Lakes** – Filled sack dinners for local underprivileged children at Kids' Food Basket and collected toys for Toys for Tots in conjunction with their annual holiday party
- **Wisconsin** – Speed networking during Student-Night which included five recent graduates providing “on the job” advice
- **Keystone** – Cooking School Event: taste the possibilities using novel US cheeses and creating a new application of macaroni and cheese with an adult appeal
- **Oklahoma** – Presentation on Developing Insects for Food, Feed, Pharma and other Valuable Applications by Aaron T. Dossey
- **New York** – Four New Professional events to provide different types of networking (brunch, Rutgers football game, New Jersey Devils hockey game, Yankee baseball game)

# 48

## IFT Sections

bringing together local science of food professionals across the U.S., Canada, UK, and Japan

# 71

## Section Leaders

who participated in the Section Leadership Forum at IFT17, designed to provide a variety of learning, input, and interaction opportunities for IFT section leaders



## SECTION SPOTLIGHT: Ohio Valley

### Making a positive impact on local communities through volunteer initiatives

“I think, like most people, I really joined the leadership in the section as a way to get to know more people in the area. But everyone has such a sense of community that you really connect with people on a deeper level than just professionally. I feel like we have a really good group that’s really willing to get involved in the Ohio Valley, and from a board level, we try to do at least two development activities together per year, so it feels very cohesive.”

“We had great participation in our philanthropy events last year. We actually have a whole committee that is focused on philanthropic events for our section, and since we’re so spread out, we try to plan at least one activity in

the Columbus area and one activity in the Cincinnati area every year. Last year, we actually had three philanthropic events. It was our first year really prioritizing that as a committee for our board.”

“In Columbus, we went to an urban farm of a local food bank, and then helped weed and plant things there, and then they used those crops within the food bank. It was great to see so many people in our section wanting to participate.”

Kelley Lowe, research scientist at Abbott and President of the Ohio Valley Section in 2016-17



# Divisions

Communities of interest focusing on specific areas of food science, engineering, and technology, bringing together IFT member talent and knowledge to explore important topics, solve problems, and help one another in the advancement of food science and technology

**24** IFT Divisions,  
with members from across  
the world sharing their  
talents and knowledge  
to explore important  
topics in the science  
of food

**5,000+**  
IFT Division Members

**416** Attendees  
to the Division  
networking reception  
at IFT17

## MEMBER SPOTLIGHT: Dr. Jose Reyes de Corcuera

### Improving processes to provide new resources for volunteers

A past chair of IFT's Food Engineering Division, Jose has helped spearhead the effort to overhaul the Technical Research Paper selection process at IFT's annual event. Thanks in part to Jose's contributions, IFT has fine-tuned the guidelines for submission evaluation and provides new resources to our volunteer reviewers.

Jose is still an active member of the Food Engineering Division and his Florida Section, and also serves as a member of IFT's Division Champion team, where he has been helping contribute ideas that will improve IFT Divisions in the future.



*"Long ago, someone told me that the best way to fail is to criticize without getting involved in the solution," says Dr. Reyes. "So when I joined the Food Engineering Division, I decided to get involved in helping to find solutions to issues."*

*"The food engineers I've had the pleasure to learn from and to work with in the Division are fantastic," says Dr. Reyes. "I've come across so many phenomenal individuals at IFT that have contributed to my career, and it's just a wonderful group of people. You cannot help but get inspired by the giants that have helped build this fantastic society."*

# IFT17

IFT's annual event and Food Expo, bringing together science of food professionals from around the globe to inspire and transform collective scientific knowledge into innovative solutions.

**19,070**  
**Attendees**

**118**  
**Scientific Sessions**  
presenting new discoveries  
and innovations

**2,433**  
**Exhibitor Booths**  
sharing innovative products  
and technologies

**↑961**  
**Increase In  
Total Attendees**  
over prior Las Vegas  
Annual Event

**↑902**  
**Increase In  
Session Visitors**  
over IFT16

**713**  
**Academic Posters**  
and ePosters presenting  
the latest research

**↑ 6 Net Promoter Score increase over prior year**



# IFT Connect

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Providing a helpful online forum for science of food professionals around the world to connect, network, and share knowledge

# 710

## New Discussions Topics

on IFT Connect, bringing together science of food professionals from across the globe for an online exchange of ideas

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# 1,289

## Discussion Replies

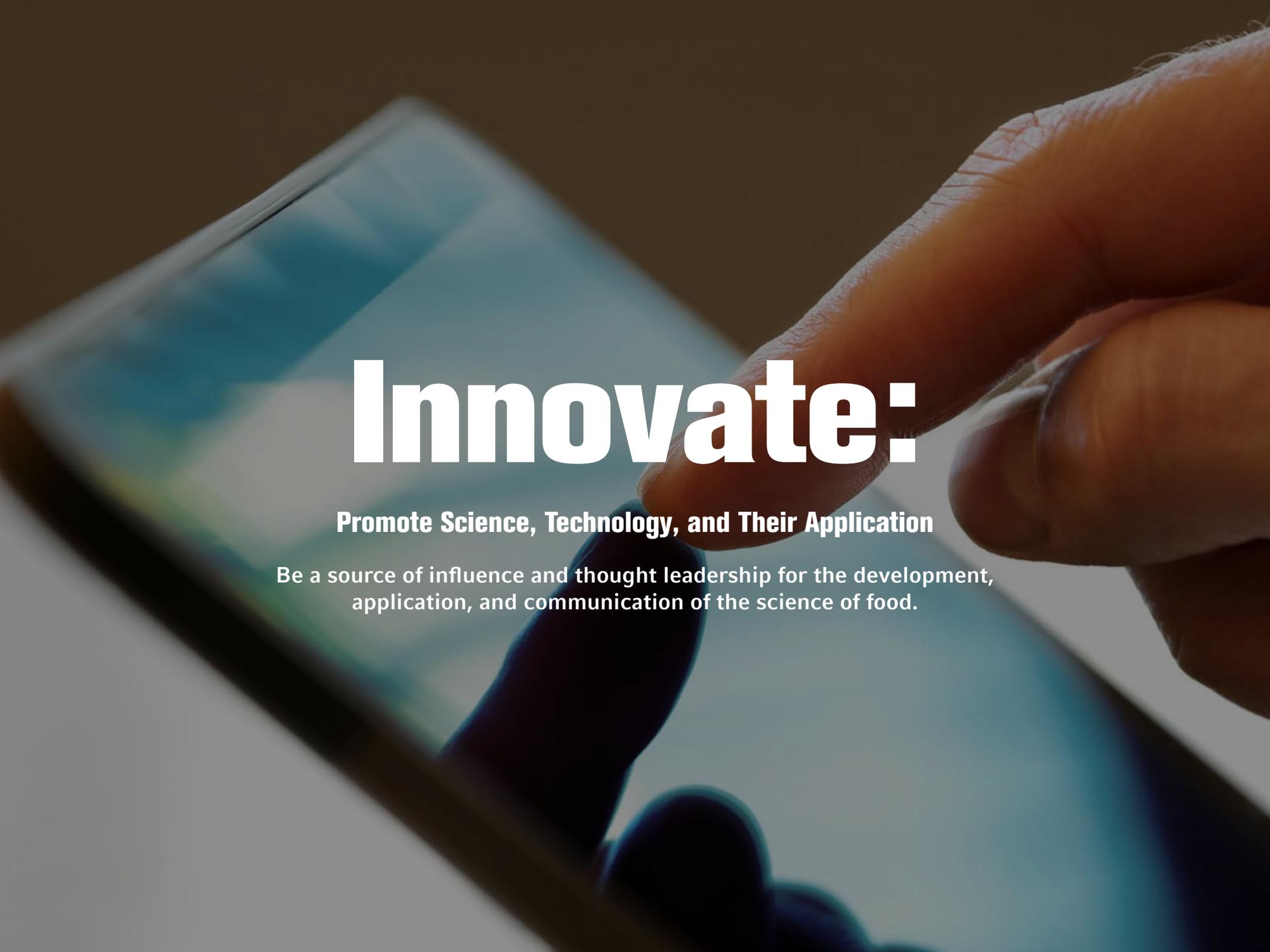
providing answers and solutions to members' needs

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# 15,171 Likes

of shared content and solutions by IFT Connect users



A close-up photograph of a hand touching a tablet screen. The screen displays a blurred bar chart with blue and green bars. The lighting is soft, highlighting the texture of the skin and the sleek surface of the tablet.

# Innovate:

**Promote Science, Technology, and Their Application**

Be a source of influence and thought leadership for the development, application, and communication of the science of food.

# IFTNEXT at IFT17

A heightened, purpose-driven commitment to bringing provocative ideas and discoveries together to inspire thoughtful, important conversations that challenge conventional approaches with the goal of informing global issues related to the science of food.

**4,464**  
Total Attendees

to IFTNEXT sessions, which showcased the latest cutting-edge concepts and developments in the science of food

**4,292**

Visitors to Start-Up Alley

where a select group of food entrepreneurs had the opportunity to showcase products and ideas to a worldwide audience



IFTNEXT was made possible through the generous support of Ingredion incorporated, IFT's Platinum Innovation Sponsor.





# #1

## Most Visited Booth at IFT17

# 9 Thought Leaders

from multiple disciplines comprising the IFTNEXT Think Tank, came together to provide strategic guidance and to help identify future-forward topics and food related challenges to inform future IFT programming and critical conversations

# 493 Attendees

to “Design Thinking for Food,” IFT17’s most popular education session and the top session on the IFTNEXT presentation stage. “Consumer Trends in 2017” was the second most popular session with 401 attendees.



# Global Food Traceability Center

Providing resources, learning opportunities, and knowledge sharing forums to inform the global food industry about the importance of food traceability

## \$1.2M

### Moore Grant Funding

awarded to IFT's Global Food Traceability Center (GFTC) to improve seafood traceability around the world

## 9 In-person Workshops

in nine different Caribbean countries. The workshops, funded by the Inter-American Institute of Cooperation for Agriculture, **trained over 300** food scientists on food traceability best practices

## 15 National & International Conference

presentations educating the global food industry about how food traceability improves food safety, risk aversion, and economic loss to the food system

## 32 Global Companies

collaborated with the GFTC and WWF to form Global Dialogue on Seafood Traceability with companies from different parts of the supply chain to advance a unified framework for interoperable seafood traceability practices



# Awards

Recognizing leaders and innovators for their contributions to advancing the science of food.

## 16 Achievement Awards Recipients:

- **Babcock-Hart Award:**

Eric Decker, PhD, University of Massachusetts

- **William V. Cruess Award for Excellence in Teaching:**

Soo-Yeun Lee, PhD, University of Illinois

- **Gilbert A. Leveille Award and Lectureship:**

Guy H. Johnson, PhD, Johnson Nutrition Solutions

- **Carl R. Fellers Award:**

Suzanne Nielsen, PhD, Purdue University

- **Food Technology Industrial Achievement Award:**

Christopher Doona, PhD, CFS, United States Army, Natick Soldier RD&E Center

- **W.K. Kellogg International Food Security Award and Lectureship:**

Manjeet Chinnan, PhD, University of Georgia

- **Elizabeth Fleming Stier Achievement Award:**

Louise Wicker, PhD, Louisiana State University

- **Myron Solberg Achievement Award:**

Francis F. Busta, PhD, MS, CFS, University of Minnesota

- **Bor S. Luh International Award:**

Joseph Jen, PhD, California Polytechnic State University

- **Gerhard J. Haas Achievement Award:**

P. Michael Davidson, PhD, University of Tennessee

- **Samuel Cate Prescott Award for Research:**

Emmanuel Hatzakis, PhD, The Ohio State University

- **Research and Development Award:**

Gustavo V. Barbosa-Cánovas, PhD, Washington State University

- **Sensory and Consumer Sciences Achievement Award:**

Michael O'Mahony, PhD, University of California

- **Calvert L. Willey Distinguished Service Award:**

V.M. Balasubramaniam, PhD, The Ohio State University

- **Trailblazer Award and Lectureship:**

Barbara Jacob Ivens, MS, RDN, FADA, FAND, Conagra Foods, Inc. & Executive Director, Nutrition and Health Professional Engagement



### Nicolas Appert Award

**Jozef Kokini, PhD**

Purdue University.

**240** published journal papers and book chapters

# IFT Journals

Peer-reviewed original research and critical reviews informing industry, government, universities, media, and science of food professionals around the globe.

# 442

## Peer-Reviewed Articles

published in IFT's three scientific journals: the *Journal of Food Science (JFS)*, *Comprehensive Reviews in Food Science and Food Safety (CRFSFS)*, and *Journal of Food Science Education (JFSE)*. Around 2,400 articles were submitted for publication.

# 5.974

## Impact Factor

for the IFT-produced *Comprehensive Reviews in Food Science and Food Safety (CRFSFS)*, the #3 overall ranking among all food science and technology journals per Journal Citation Report

Journal of  
**Food Science**

**Comprehensive**  
**REVIEWS**  
in Food Science and Food Safety

Journal of  
**Food Science**  
**EDUCATION**



# Food Technology magazine

Providing original science-based content on all facets of food science and technology, including the latest research developments, industry news, consumer product innovations, and professional opportunities to help members be successful in their careers.

# 793

## Pages of Editorial Copy

published by *Food Technology* magazine, providing IFT members with the latest news, insights, and original reporting from the science of food



## Most popular articles included:

- A look at the [“Top 10 Food Trends”](#) for food and beverage marketers
- A feature on some of the rising stars in the [“Small Food”](#) era who are challenging the status quo
- An in-depth examination of the [rapidly expanding market for vegan and vegetarian products](#)
- [Five flavor trends](#) that will resonate with consumers in the coming years (and how technology is helping companies take flavor to a whole new level)



# Advocate:

## Address Issues and Influence Outcomes

Be the objective voice of the science of food by leveraging IFT's members to proactively contribute evidence-based science to the public dialogue on food issues.

# Food Science Communicators

Member volunteers sharing their expertise to help inform the media and public about the science of food

**45**  
**Food**  
**Science**  
**Communicators**

## **MEMBER SPOTLIGHT: Kantha Shelke, PhD, CFS**

Helping ensure sound science has a voice

Effectively communicating the science of food can be challenging. So, as part of IFT's mission to advance the science of food, we've brought together some of our member experts to share their expertise with media and the public. Together, they are known as IFT's Food Science Communicators.

Kantha Shelke, PhD, CFS, an adjunct professor at Johns Hopkins University and at the MCI Management Center in Innsbruck, Austria, has been a particularly active Food Science Communicator this past year, being featured in an array of publications including [CNN Health](#), [Business Insider](#), [Moneyish](#), [Delish](#) and [Brooklyn Magazine](#).

"Every one of my Food Science Communicator-related conversations has been rewarding," says Kantha. "Watching the needle go from 'confused/ignorant/do-no-care/does-not-matter' to 'clear/knowledgeable/meaningful/relevant' is particularly satisfying for someone like me, who works at the intersection of food science and applications, food safety and regulations, new product development, education and consumer understanding."



An IFT member since 1981, Kantha says she's valued her opportunity to serve as a Food Science Communicator—especially given today's climate. "Never before has food been so misunderstood and so maligned by those who lack the fundamental understanding of how food is made and how that affects its safety, quality, and physiological effects," says Kantha. "As a result, food—without which we cannot live—is also being blamed for much of what ails many of us today. I believe the opportunity to learn and educate others about food science-related matters can help with course correction and raise food from a necessity for surviving to necessary for thriving."

# PR highlights/IFT in the news

Creating awareness around important developments and issues in IFT and the science of food

# 5,124

IFT Media Mentions

# 48,378

People who follow IFT on:

 Facebook (18,004)

 Twitter (17,947)

 LinkedIn (12,427)

## 1,613 Mentions

referred to research published in one of IFT's peer-reviewed journals.



### *American Food Science Is Broken*

Ryan Mandelbaum, Gizmodo,  
February 8, 2017

#### **Readership:**

36M unique monthly viewers

This article discusses issues in the food industry and what the future of sustainable food could look like. Comments from IFT President John Coupland, PhD, CFS are included throughout.

The Washington Post

### *Is this the beginning of the end of meat?*

Caitlin Dewey, Washington Post,  
March 17, 2017

#### **Readership:**

43.9M unique monthly viewers

This article highlights the company Impossible Foods and the possibility that plant-based meats could become completely mainstream in the future. Comments from IFT President John Coupland, PhD, CFS on consumer perceptions surrounding alternative meats are included.



### *Review: In 'Food Evolution,' Scientists Strike Back*

Daniel M. Gold, New York Times,  
June 22, 2017

#### **Readership:**

30M unique monthly viewers

This article reviews Food Evolution and the film's efforts to portray a pro-science argument. The article notes that IFT commissioned the film but allowed the directors to maintain full creative control.

theguardian

### *Cutting Out Sugar: Are Mushrooms the Answer to Healthier Chocolate?*

The Guardian, April 16, 2017

IFT President John Coupland, PhD, CFS is featured in this article discussing the science of bitter-blocking

The Washington Post

### *Is This the Beginning of the End of Meat?*

Washington Post, March 17, 2017

This article features commentary from IFT President John Coupland, PhD, CFS discussing the science of lab-grown meat products.

## Food Evolution documentary

IFT-funded documentary began a new conversation around the critical role sound science and innovation play in building a safe, nutritious, and sustainable food supply for everyone.

# 392 Theaters

that screened *Food Evolution*

# 47M

Hulu Subscribers

who can now watch *Food Evolution*, after it debuted on the service in 2017. It's also available on demand and purchase on **iTunes**, **YouTube**, **Google Play**, and **Amazon**.

# 100%

Rotten Tomatoes Rating for *Food Evolution*



# FEAST ON FACTS

Food Evolution successfully premiered at the NYC. Doc. Film Festival in November, 2017 receiving positive acclaim by several reputable sources.

*"The film draws strongly on viewers' emotions but it doesn't skimp on science. Marrying incisive explanations of the scientific nitty-gritty of agriculture and plant breeding with compelling discussion of why people seem wired to trust gut feelings over facts, Food Evolution adds crucial psychological, social, and moral context, without which discourse on the subject often devolves to fruitless blows."*

– Forbes



**New York Times Review:**  
*In 'Food Evolution,' Scientists Strike Back*

*"With a soft tone, respectful to opponents but insistent on the data, "Food Evolution" posits an inconvenient truth for organic boosters to swallow: In a world desperate for safe, sustainable food, G.M.O.s may well be a force for good."devolves to fruitless blows."*

By Daniel M. Gold, June 22, 2017

FROM ACADEMY AWARD® NOMINEE **SCOTT HAMILTON KENNEDY**

**FOOD|EVOLUTION**

NARRATED BY **NEIL DEGRASSE TYSON**

# Science and Policy Initiatives

Advocating for credible scientific perspectives related to the science of food.

# 2,044 Downloads

of the *Journal of Food Science Special Supplement on food traceability: Collaborating Toward Interoperable Full-Chain Food Traceability*

# 8 IFT-Led Visits

to Capitol Hill for one-on-one information sharing meetings with congresspeople or congressional staffers

# 4 Public Comments

submitted to U.S. regulatory agencies on topics related to the science of food healthy labeling, sodium, dietary guidelines, and future editions for dietary guidelines

## Science and Policy Impact

In October of 2016, IFT was invited to conduct a joint meeting with the U.S. FDA and Chinese FDA on the Food Safety Modernization Act (FSMA). It was an invitation-only, information sharing workshop about regulatory approaches to the Act, and Tejas Bhatt, Vice President, Science and Policy Initiatives at IFT, joined the U.S. FDA's delegation as a subject matter expert.

"It was a great experience," said Bhatt. "Particularly because we got the opportunity to hear from the Chinese FDA side of the perspective. We were already so familiar with the U.S. FDA and the U.S. side of things, so it was good to hear about the challenges Chinese processors and manufacturers and exporters are having with FSMA implementation. The meetings really gave a good feel for what needs they have on the round, and how we can start developing content and resources containing insights that can help fill that need."

"They were particularly impressed with the FSMA pilots we did back in 2012 in the U.S. and wanted to see how they could learn from that."

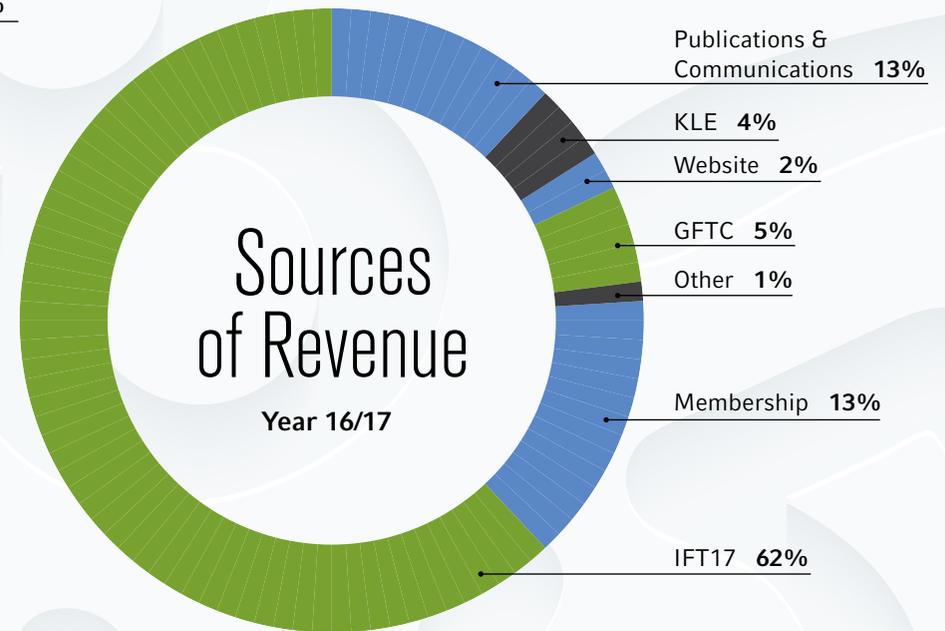
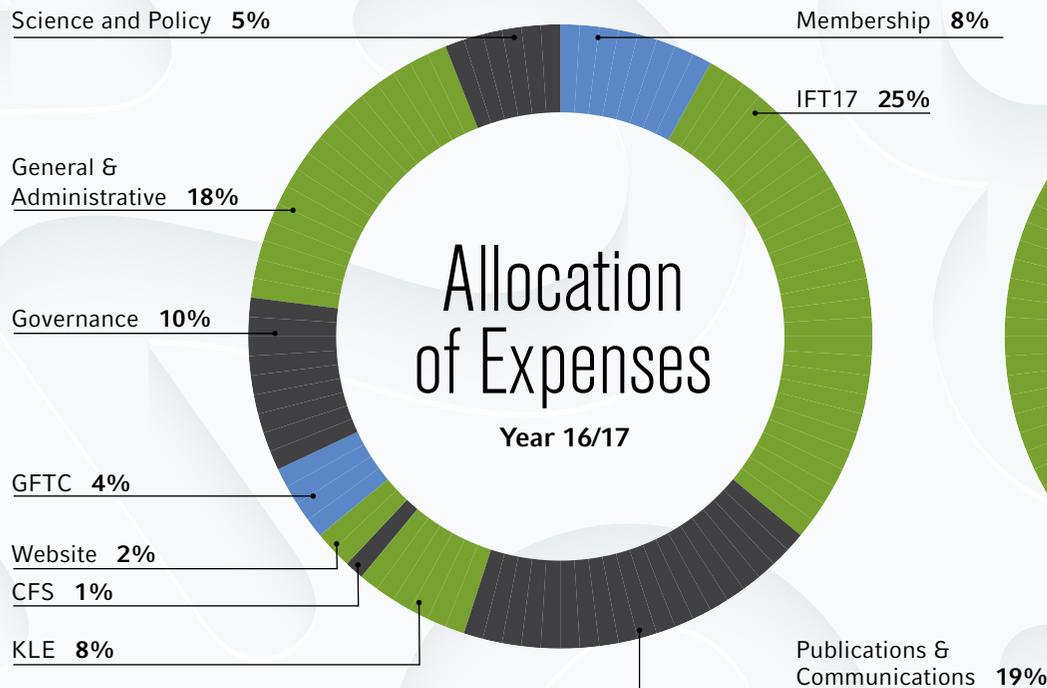


One of the biggest outcomes from this effort was John Coupland, IFT president 2016-17, recommended oral comments on the need for including Food Scientists on the Dietary Guidelines for Americans committee, and recently, the USDA and HHS came out with recommendations saying they need to include professionals like food scientists on that committee. The next committee will come together in 2020, and thanks to the work of IFT and others, the committee will likely feature voices and expertise from the science of food.

# Financial Summary

The financial results from IFT's FY 16/17 were strong. Operating income was \$1.0M. Investment income which includes dividends, interest and market gains totaled \$3.3M. During FY 16/17, IFT invested \$1.6M of reserves in various program areas. Overall, IFT increased its reserves by approximately \$2.7M. IFT's financial position remains very strong. Reserves (net assets) are approximately \$32.9M, which represents approximately 146% of the FY 17/18 budgeted operating expenses.

Just like in previous year, an annual audit was completed by the accounting firm, Clifton Larson Allen LLP. IFT received an unmodified opinion, which is the highest opinion given by auditing firms, and the audit was finalized without any adjusting journal entries.



	Fiscal Year Ending 08/31/17	Fiscal Year Ending 08/31/16
<b>ASSETS</b>		
Cash & Cash Equivalents	\$1,257,327	\$1,565,563
Accounts Receivable	984,595	990,431
Prepaid Expenses	993,920	958,021
Deferred Charges	0	0
<i>Total Current Assets</i>	<u>3,235,842</u>	<u>3,514,016</u>
Long-term Asset - Misc.	161,679	84,851
Investments, Market Value	37,640,061	34,820,004
Property & Equipment, Net	1,860,088	1,332,492
<b>TOTAL ASSETS</b>	<b><u><u>42,897,670</u></u></b>	<b><u><u>39,751,363</u></u></b>
<b>LIABILITIES &amp; NET ASSETS</b>		
<b>LIABILITIES</b>		
Accounts Payable	724,768	1,943,166
Accrued Expenses	1,425,887	1,823,820
Deferred Revenue		
Members' Dues	1,215,181	1,291,097
Subscriptions	152,607	169,573
Annual Meeting/EXPO	4,322,029	2,753,258
Other	1,070,797	644,109
<i>Sub-total Deferred Revenue</i>	<u>6,760,614</u>	<u>4,858,038</u>
Deferred Rent Obligation	905,444	822,530
Deferred Council Fd. Admin.	0	2,138
Long-term Liability - Misc.	161,679	84,851
<b>TOTAL LIABILITIES</b>	<b><u><u>9,978,392</u></u></b>	<b><u><u>9,534,543</u></u></b>
<b>NET ASSETS</b>		
Unrestricted:		
IFT - Undesignated	28,829,794	25,512,221
IFT - Growth Opportunity Fund	1,166,276	966,000
IFT - IFTSA	220,750	237,448
Net Income (Loss) YTD	2,702,458	3,501,151
<b>TOTAL NET ASSETS</b>	<b><u><u>32,919,278</u></u></b>	<b><u><u>30,216,820</u></u></b>
<b>TOTAL LIABILITIES &amp; NET ASSETS</b>	<b><u><u>\$42,897,670</u></u></b>	<b><u><u>\$39,751,363</u></u></b>

#### FY 16/17 IFT Sources of Revenue

Membership	2,639,019
IFT17	12,305,859
Publications & Communications	2,659,799
KLE	761,127
Website	374,035
GFTC	1,009,677
Other	280,007
<b>Total Revenue</b>	<b>20,029,523</b>

#### FY 16/17 IFT Allocation of Expenses

Membership	1,500,987
IFT17	4,845,325
Publications & Communications	3,706,019
KLE	1,453,232
CFS	230,965
Website	332,311
GFTC	789,834
Governance	1,826,114
General & Administrative	3,397,434
Science & Policy	940,639
<b>Total Expenses</b>	<b>19,022,860</b>
<b>Net Operating Income/(Loss)</b>	<b>1,006,663</b>

# A Letter from the CEO: Investing in Our Future



2016–2017 proved to be another successful year for IFT! We’ve seen incredible energy from our members, a terrific turnout at our annual event and Food Expo, some major advancements in our IFTNEXT initiative, and the premiere of the IFT-funded documentary Food Evolution. But even as we celebrate today’s achievements, it’s important to keep an eye on the future. That’s why we’ve been investing so much time and energy this year into improving our infrastructure to enhance our members’ experience.

Much like a cities roads and bridges, the infrastructure I’m referring to are the parts of IFT that are so critical and so infused in our organization that we almost take them for granted. But without proper maintenance and upgrades, we run the risk of falling short of our members’ needs. By investing in our infrastructure, we are ensuring that IFT will remain a healthy, thriving association that can meet the evolving needs of our members for years to come.

We’re already starting to see some of the tangible benefits of our effort: our brand-new IFT annual event and Food Expo website, for instance, is one of the first completed projects in our long-term infrastructure investment plan. The new iftevent.org features an upgraded look, feel and capabilities for both event attendees and exhibitors. It will soon be joined by a modern, fully-redesigned ift.org, which will be debuting in 2019.

We’ve also invested in a new eCommerce portal, where starting in 2018 members and non-members can find all our webinars, sign up for online and in-person short courses, pick up a copy of the latest IFT

Salary Survey, or register for our annual event—all in one simple, easy-to-use place.

Meanwhile, our new CFS certification portal will help Certified Food Scientist (CFS) credential holders keep track of their continuing education hours online, significantly streamlining the CFS renewal process.

In less visible (but equally critical) activity, we have overhauled and improved our association management systems and upgraded our overall data integrity. These changes allow us to provide our members with the best possible IFT experience, improving everything from communication to event registration.

We will continue to invest in our infrastructure—and in our members—in the years ahead, but the benefits of our investments from 2016–17 cannot be understated. The efforts we undertook this year will serve as a strong foundation for a new generation of IFT members, helping to ensure their continued success and the success of our mission: to advance the science of food and its applications across the global food system. We are proud of what we accomplished in 2016–17, and we’re excited to show you even more of what we’ve been working on in 2017–18!

Sincerely,

A handwritten signature in black ink that reads "Christie Tarantino-Dean". The signature is fluid and cursive.

Christie Tarantino-Dean, FASAE, CAE  
Chief Executive Officer  
Institute of Food Technologists



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## OUR CORE VALUES

COMMUNITY | PASSION | INTEGRITY | RESPECT | PROGRESS