



The Honor Society of Food Science and Technology

Phi Tau Sigma Newsletter **March 2019**

News:

Reminders: Please be aware of the following Events and Deadlines:

March 2 to 30: **Phi Tau Sigma Election.** See balloting instructions, candidate slate and statements starting at the bottom of page 1.

March 15: Deadline to submit **new member nominations** for Chapters for Spring inductions to help ensure evaluation by the Membership and Qualifications Committee before the Annual Meeting. Send completed membership nominations to Kathryn L. Kotula, Ph.D., Executive Director klkotula@msn.com. All the forms and instructions needed for membership nominations can be found at: <http://www.phitausigma.org/phi-tau-sigma-nomination-2019-2/>. Please note that the membership nomination form has been updated, so please use the most recent form.

April 1: Deadline to submit nominations to the Awards Committee for the **Phi Tau Sigma Outstanding Chapter of the Year Award**. Full information can be found at: <http://phitausigma.org/awards/>. Send completed award nomination forms to Poulson Joseph, Ph.D., Awards Committee Chair, at: pjoseph@kalsec.com, with a copy to the Executive Director (klkotula@msn.com).

Two months before graduation: Order Honor Cords at: www.phitausigma.org/store/.

Election:

The slate of candidates running for office has been finalized by the Nominations and Elections Committee. Please read the **Election Topics** section below for information on each of these individuals, particularly the last paragraph of the statements which list what each candidate can do for Phi Tau Sigma. You will also be asked to state your preferences for volunteering for a committee.

You will receive a ballot directly from member@surveymonkeyuser.com with the subject heading "Your Phi Tau Sigma 2019 Ballot." If you do not have this email by March 3, please

check your spam trap or other filters. Notify Kathiravan Krishnamurthy, Ph.D. at kathiravan.rps@gmail.com only if you are a member in good standing (have paid your dues) and have not received a ballot by March 3rd. If you have opted-out of prior correspondence from Survey Monkey dot com, you must opt-in at www.surveymonkey.net/user/email-opt-in in order to vote in this election. You can stop mail surveys from this site anytime. Balloting will begin March 2 and conclude March 30, 2019.

Upon receipt of your ballot, you may vote from any computer using any common web browser. Once you submit your ballot via the web it cannot be changed and your ballot link will take you to the www.phitausigma.org website only. It cannot be used again.

The slate of 2019-2020 candidates (listed alphabetically within office) is:

For President Elect: (vote for one)

Martin Sancho-Madriz, Ph.D.	Cal Poly Pomona
Rakesh Singh, Ph.D.	University of Georgia

For Directors: (vote for four)

Koushik Adhikari, Ph.D.	University of Georgia
Martha Cassens, M.S.	ACH Food Companies, Inc.
Rebecca Creasy, Ph.D.	Texas A&M University
Poulson Joseph, Ph.D.	Kalsec, Inc.
Yaguang (Sunny) Luo, Ph.D.	Agricultural Research Service, USDA
Laura Strawn, Ph.D.	Virginia Tech University

Chapters, at this time, should be having their own elections for a member to serve on the Phi Tau Sigma **Advisory Council** at the national level. The Advisory Council assists the Executive Committee. They are non-voting observers with privilege of the floor, at the Annual Business Meeting of Phi Tau Sigma. They also serve as contact person to interact with the Executive Committee. Please send the results of your elections to the Chair of the Chapter Affairs Committee, Amy Simonne, Ph.D., Chair at: asim@ufl.edu.

Election Topics:

The First Election Topic – Board of Directors

President Elect: (vote for one)

Martin F. Sancho-Madriz, Ph.D., a Lifetime Member of Phi Tau Sigma and founder of its Chapter at Cal Poly Pomona where he serves as Vice President for Faculty Affairs. A Professor in the Department of Nutrition and Food Science, he earned a B.S./Licentiate degree in Food Technology from the University of Costa Rica, followed by M.S. and Ph.D. degrees in Food Science and Technology (FST) from Cornell University. He was hired as the first and only FST tenure-track faculty member in 1997 to develop a new B.S. in Food Science and Technology degree, beginning in 1999 with three students and growing it to around 180 students, four tenure-track positions, a full lecturer position, and several part time lecturers in 2017 when he assumed a management position outside the department. In partnership with Orange Coast College, he also established the first Culinology® Program in California, fifth at the national level. Working with over 100 food companies and State and Federal government agencies, he developed a mandatory internship program for FST students.



Dr. Sancho-Madriz served seven years as Chair of the Human Nutrition and Food Science Department and under his leadership the total number of students grew from 326 in 2010 to 681 in 2017. With external and internal funding he set up Sensory Evaluation and Food Processing Technology laboratories, while updating equipment for the food chemistry and analysis lab and the experimental kitchen labs. He also served as Chair of the Academic Senate and as Associate Dean of the College of Environmental Design and previously held faculty positions at the University of Costa Rica and New Mexico State University. He is a graduate and Board member of the LEAD 21 leadership program as well as a Fellow of the Food Systems Leadership Institute, a program of the Association of Public and Land-Grant Universities (APLU).

Dr. Sancho-Madriz was competitively selected as the 2002-2003 IFT Congressional Science and Engineering Fellow under the American Association for the Advancement of Science (AAAS) Policy Fellowships Program. He served as Chair of the Council of Food Science Administrators as well as in several IFT Committees including the Higher Education Review Board, was Co-Chair of the Southern California Institute of Food Technologists Section (SCIFTS) and served thrice as Chair of the Southern California Food Industry Conference. He is a recipient of the Don B. Huntley College of Agriculture Advisor of the Year Award and the Teacher of the Year Award and received an Outstanding Volunteer Award by SCIFTS. Last May, he became the recipient of the 2018 SCIFTS Distinguished Achievement Award.

Vision for $\Phi\tau\Sigma$: As the Honorary Society in Food Science and Technology, membership in Phi Tau Sigma recognizes students and food science professionals for their high level achievements in the profession while providing opportunities for networking. I would be honored to serve as Phi Tau Sigma President and continue the efforts carried by previous

leaders to support its mission and purposes. One of my priorities would be to increase visibility of the organization and to promote the recruitment of qualified members. At the same time, I would like to explore ways to increase continued participation of student members in Chapter activities as they transition to professional membership. In particular, I am looking forward to the results of the recent survey of the Strategic Relations Committee and expected recommendations to the Board of Directors. The Committee's report will be essential for the new President to develop a strategic plan and roadmap for implementation in collaboration with the Board, and working with leadership in existing committees and Chapters.



Rakesh Singh, Ph.D., a Lifetime Member of Phi Tau Sigma, received a Bachelor of Technology degree from G.B. Pant University of Agriculture and Technology, India, M.S. from University of Manitoba and Ph.D. from University of Wisconsin-Madison. He has been in academia since 1983 and also a Professional Member of IFT. He was inducted in Phi Tau Sigma in 1985 and became a Lifetime Member in 2013. Currently, he is Professor and Head in the Department of Food Science and Technology at the University of Georgia, Athens, where he has been since 2001. Prior to moving to the University of Georgia, Dr. Singh was Assistant Professor from 1983 to 1985 at Technical University of Nova Scotia (now Dalhousie University) and Assistant/Associate/Professor at Purdue University from 1985 to 2001. He has provided an outstanding leadership for instruction, research, and extension programs in the Department of Food Science and Technology at the University of Georgia. During his leadership, the department's undergraduate program has

grown from 20 to 75 students; the research grants for the department have increased several folds, and several faculty members have received prestigious awards. He routinely champions the departmental programs to upper administration, industry clientele (commodity groups, and food processing industry associations), alumni, and students; and manages departmental resources and budget, including direct supervision of 20 tenured/tenure track and 8 adjunct faculty, 4 office staff, and technical support personnel.

Dr. Singh has been engaged in internationally prominent research programs that have addressed aseptic processing, emerging technologies for food processing, bioseparations, food quality and food-safety engineering. He has published 157 scholarly refereed scientific journal articles, 4 edited books and 33 book chapters, and over 100 abstracts and non-refereed articles. He has been major professor for 18 Ph.D. and 19 M.S. degree students, and has supervised 12 postdoctoral researchers, and several Visiting Scholars. He has also served on thesis/dissertation advisory committees of 59 graduate students. He is currently advising 4 Ph.D. students. He is Editor in Chief of LWT-Food Science & Technology, and on the editorial board of International Journal of Food Properties. He became Fellow of IFT in 2008 and received Elizabeth Fleming Stier award in 2009.

Dr. Singh has been actively involved in IFT at local, regional, and national levels. He has served on the Committee on Diversity (COD), and Chair/Past-Chair of the K-12 Career Guidance committee. He served as Food Science Club Advisor, Alternate Councilor of International Division, Alternate Councilor and Chair of Council of Food Science Administrators (CFSA), and Councilor for the Dixie Section of IFT. He also served on the IFT

Global task force, and scholarship and awards jury. Dr. Singh has served as Chair of the Phi Tau Sigma Awards Committee, and is currently President of Phi Tau Sigma.

Vision for ΦΤΣ: I will welcome the honor of serving the Phi Tau Sigma Honor Society for its continuous growth and relevance to its members. I will use many years of my service experience in teaching, research and extension to emphasize its mission and prestige to new members. My experience on the IFT committees, such as Diversity and K-12 Education and Council of Food Science Administrators, and as Phi Tau Sigma Awards Committee Chair, At-Large Councilor, and Phi Tau Sigma President has prepared me to work with different teaching programs and the food industry groups. I will work with the Phi Tau Sigma Leadership to enhance participation of graduate and undergraduate students in scholarly activities within their local Chapters. Working with people from different sectors, i.e., academic, industry and government will be one approach to help the local Chapters of Phi Tau Sigma to get broad participation. As a Lifetime Member of Phi Tau Sigma and service as At-large Councilor, Chair of the Awards Committee, and President, I have excellent understanding of the issues and challenges for continued success for Phi Tau Sigma. If I am elected, I will serve Phi Tau Sigma with my best of abilities. It will be an honor to serve the fine group of individuals who have been inducted into Phi Tau Sigma.

Directors: (Vote for four)

Koushik Adhikari, Ph.D., a Lifetime Member of Phi Tau Sigma, is currently an Associate Professor at the University of Georgia in the Department of Food Science & Technology, and Adjunct Associate Professor at Kansas State University in the Department of Food, Nutrition, Dietetics, & Health. Before his current appointment, he was Associate Professor of Sensory Analysis and Consumer Behavior at Kansas State University. He earned his Doctorate in Food Science from the University of Missouri in 2000. He has both Masters and Bachelors in Dairy Technology from National Dairy Research Institute, India. His research mainly focuses on sensory analysis (descriptive analysis and consumer acceptability) and aroma analysis of food commodities and consumer food products. He has advised or co-advised 16 graduate students. He has published over 70 peer-reviewed research articles in his area. He is an Executive Editor (Sensory Sciences) for the Journal of the Science of Food and Agriculture, and is on the editorial board of Journal of Sensory Studies and Foods (MDPI).



Vision for ΦΤΣ: My vision as a Director would be to promote ΦΤΣ among the Food Science students. The goal would be to encourage more students to become a member of this Honor Society for Food Science & Technology and to continue to promote excellence in research and education.



Martha Cassens, M.S., Lifetime Member of Phi Tau Sigma, is a food industry professional with 30 plus years of research, quality assurance, and product / process / package development experience. She is a motivator, and leads people and projects with a passion for creativity, new technology and problem solving with extremely high standards for success. Martha is involved in many different activities which are all tied to the enhancement of the food industry. She is active in IFT, the American Meat Science Association (AMSA), Research Chefs Association (RCA) and Phi Tau Sigma. Martha has demonstrated her commitment to the industry in the following areas: Food Safety,

Processing, Education, Nutrition, Sensory, Feeding Studies and Product Innovation. She earned her B.S. in Food Science, specializing in Meat and Processing, and her M.S. in Food Science, specializing in Nitrite and Frankfurters, both from the University of Illinois. Martha has previously been employed by Vienna Sausage, ConAgra, Sara Lee, Hillshire Brands and is currently the Vice President, Product Innovation, Development & Quality of ACH Food Companies, Inc. in Illinois.

Vision for ΦΤΣ: The Phi Tau Sigma purpose is to recognize and honor professional achievements in food science and technology and to enhance the professional membership of food science. I believe that continued promotion and enhancement of Phi Tau Sigma is critical. We need to mentor young scientists, encourage smart scientists and learn from experienced scientists. This is made possible with our Honorary Society and its active members. Continuing education and the ability to be surrounded by sound scientists makes our organization special. I have served as an At-Large Councilor, on the Membership & Qualifications Committee, and on the Program planning committee for Phi Tau Sigma. I always look forward to meeting new members and connecting with friends. I will demonstrate and leverage my Industry knowledge, leadership skills, and passion for Phi Tau Sigma and the Food Industry.

Rebecca A Creasy, Ph.D., Lifetime Member of Phi Tau Sigma, is a Lecturer at Texas A&M University in the Nutrition and Food Science Department. Her experience in food science and nutrition spans from the food industry to higher education and community outreach. She earned a B.S.A in Food Science from the University of Georgia in 2007 and a Ph.D. in Food Science and Human Nutrition with a minor in Agriculture Education and Communication from the University of Florida in 2013. Prior to joining the Nutrition and Food Science Department at Texas A&M, she worked with the University of Georgia Cooperative Extension Service as a Regional Extension Agent in nutrition and food safety.



Dr. Creasy has both teaching and service responsibilities at Texas A&M. Her instructional focus is on undergraduate food science courses (Food Processing), introductory nutrition courses, study abroad programs, and study away courses. She enjoys mentoring both graduate and undergraduate students and serves as the Texas A&M IFTSA Chapter Advisor. Her scholarly interests integrate food science and nutrition and include: 1) development and implementation of active learning techniques for food science and nutrition courses; 2)

development of STEM outreach programs for youth in food science and nutrition; 3) consumer education addressing bioactive food ingredients, functional foods and effects of food processing on nutrient content and bioavailability.

As an active member of Phi Tau Sigma, Dr. Creasy currently serves as the Chair of the Membership and Qualifications Committee and Chair of the *Ad Hoc* Student Relations Committee. She is an active member of the Institute of Food Technologists (2004 – present), American Society of Nutrition (2009 – present) and the Society for Nutrition Education and Behavior (2014 – present).

Vision for ΦΤΣ: I was initially inducted into Phi Tau Sigma as an undergraduate student; however, at that time there was little opportunity for me as an undergraduate and graduate student to participate in and serve the Society. Upon graduation and entrance into the professional world of food science, I had the opportunity to reengage with Phi Tau Sigma. My vision for Phi Tau Sigma is for student members and young professionals to have an experience that is very different from my own. I envision and, if elected as a Director, plan to work toward more opportunities for students to serve and engage in the Society both through mentor/mentee opportunities, training opportunities, networking events and participation in local, national and/or international outreach. Our younger members are the future food science leaders of tomorrow. In order to keep these student and young professionals engaged and focused on advancing excellence in food science, we must provide opportunities for them to understand and experience the value of their membership in Phi Tau Sigma. I look forward to having the opportunity to work toward this goal with other members.



Dr. Poulson Joseph is the Director, Protein Innovation at Kalsec®, Kalamazoo, Michigan. He received his Ph.D. (2011) in Animal and Food Sciences from University of Kentucky, followed by post-doctoral research at Mississippi State University. At Kalsec®, he leads Protein Team with research emphasis on natural antioxidants/spice and herb extracts and works closely with food & pet food industry by offering technical and analytical support. He leads the team efforts in providing innovative natural and clean label solutions for improving meat products' quality and shelf-life. Poulson has delivered invited lectures in professional meetings, academic institutions, and industry workshops globally.

At IFT, Poulson has served as Chair of the IFT Muscle Foods Division as well as Member at Large for 3 years. He is actively involved in American Meat Science Association (AMSA), as well as Phi Tau Sigma (the Honor Society for Food Science). He received IFT Muscle Foods Division's Member-of-the Year Award (2016) and IFT Division Best Volunteer Award in 2014. Recently (2018), he was recognized by IFT with Emerging Leader Network Award and by AMSA with Distinguished Achievement Award for early career.

Poulson has authored/co-authored several publications, including 35 peer-reviewed journal articles and 3 book chapters.

Vision for ΦΤΣ: It is really an honor and privilege to serve Phi Tau Sigma in any capacity that I can, primarily because I have realized the value of the opportunities that this

organization provides. The Graduate Student Research Competitions gave a wide exposure and confidence in my student life, certainly something I still cherish. We certainly want to continue the Phi Tau Sigma tradition of honoring student excellence, academic achievements, and contributions to food science discipline. In that regard, it was very fulfilling for me to undertake the role of Awards Committee Chair for past two years for Phi Tau Sigma. I would like to continue to offer my time and support to Phi Tau Sigma, primarily to foster and support the culture of recognizing the student talent and do a small part in developing next generation of food scientists that will feed the world.

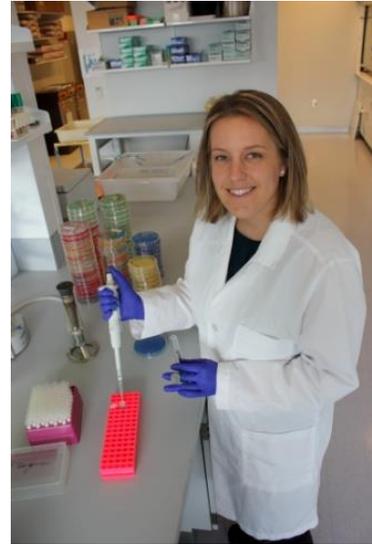


Dr. Yaguang (Sunny) Luo, Ph.D., a Lifetime Member of Phi Tau Sigma, is a Lead Scientist with the U.S. Department of Agriculture. She joined the agency in 2001 after over five years of research and management experience in the food industry. Dr. Luo's innovations and leadership led to the launch of new products and process improvements, and significantly impacted food safety practices in both the United States and internationally. Sunny served on the Inter-Agency Food Safety Task Force of the White House's Office of Science and Technology Policy, and the joint FAO/WHO expert panel on food safety. She currently serves on the Food Safety and Technology Council at the produce food industry association, and the External Advisory Board for Harvard University and Nanyang Technology University (Singapore) Sus-Nano Initiative.

Sunny has led or co-led 19 externally funded research projects exceeding \$16 million, and currently directs a trans-disciplinary and multi-institute (10) research team on a \$3.7 million grant. Her 170+ publications (including 130+ peer-reviewed) have been cited over 4,300 times, with some receiving "Most Cited Paper" awards. Sunny has trained 26 visiting professors/postdoctoral associates, and advised 14 graduate students (from eight universities) and 16 under graduate students. These burgeoning young scientists have gone on to excel in many capacities in teaching, research, and leadership. Sunny served as the President of Chinese American Food Society, and chaired the Fruit and Vegetable Product Division of IFT. Sunny earned her Ph.D. degree from Washington State University in 1992. She is the recipient of the "Senior Scientist of the Year" award at USDA-ARS, and is an elected Fellow of IFT.

Vision for ΦΤΣ: As an active member of Phi Tau Sigma, I currently serve on the annual meeting Program Committee and also support the scholarship program. As a member on the Board of Directors (if elected), I want to focus on supporting the career development of our member students and raising the stature of the Food Science and Technology profession. I believe strongly in the value of mentorship and Phi Tau Sigma is the premier organization in which students can gain valuable professional development experience and meet leaders in the field. As a board member, I look forward to working with the President and leadership team to promote Phi Tau Sigma activities and events and expand community outreach and recruitment of new members to my government, academia, and industry sector networks and beyond.

Laura K. Strawn, Ph.D., a Lifetime Member of Phi Tau Sigma, is an Assistant Professor and Extension Specialist of Produce Safety in the Department of Food Science and Technology at Virginia Tech. She holds three degrees in Food Science with food microbiology emphases, as well as minors in Epidemiology and Molecular Microbiology: a Ph.D. from Cornell University under Dr. Martin Wiedmann, a M.S. from the University of Florida, under Dr. Michelle Danyluk, and a B.S. from the University of California, Davis. Her research program at Virginia Tech focuses on the microbial safety of fresh fruits and vegetables; specifically, the ecology, evolution, and transmission of *Salmonella* and *Listeria monocytogenes* in the produce field to fork continuum. Additionally, Dr. Strawn works directly with produce stakeholders on various produce safety issues, as well as teaches a cadre of food safety curriculums. She leads Virginia Cooperative Extension's educational efforts on the Food Safety Modernization Act's Produce Safety Rule including teaching Produce Safety Alliance Grower Trainings and performing On-Farm Readiness Reviews. Dr. Strawn is also the Lead of Applied Research for Virginia's Fresh Produce Food Safety Team, Extension Team Leader for the Delmarva Food Safety Task Force, and invited-member of the Radiation Advisory Board for the Commonwealth of Virginia. Professional service includes involvement in the American Society for Microbiology, International Association for Food Protection, and Institute of Food Technologists. Service, specific to Phi Tau Sigma, includes serving as the Phi Tau Sigma Chapter President at the University of Florida, re-booting the Phi Tau Sigma Chapter at Virginia Tech and serving as the Virginia Tech Phi Tau Sigma Faculty Advisor since 2015.



Vision for ΦΤΣ:

As an active member of Phi Tau Sigma at the local level I am interested and excited to participate at the national level. Phi Tau Sigma is one of my favorite organizations because rarely does an organization pair scholarly pursuit, service to the community, and social interaction between members – all at the same time. In my current position, serving as the Faculty Advisor for the Virginia Tech Chapter of Phi Tau Sigma, I have invested in mentoring the next generation of Phi Tau Sigma members/food professionals. It has been highly rewarding working alongside bright students to develop service projects and social activities. The reason I decided to become a Lifetime Member of Phi Tau Sigma was because I feel truly honored to be a part of such a prestigious Honor Society. If elected, I look forward to working alongside each of you to carry out the Phi Tau Sigma mission.

Thanks:

The Newsletter Editor and Committee wish to extend a special thanks to the Nominations & Elections Committee: James Valenti-Jordan, M.S., Chair, Tom Aurand, Ph.D., Cameron Parsons, Ph.D., Charles Onwulata, Ph.D., Roger Clemens, DrPH, Jozef Kokini, Ph.D., and Ravi Chermalla, M.S., M.B.A. for their work to put together this slate of fine candidates. We would also like to thank Kathiravan Krishnamurthy, Ph.D. for running the election.

The Second Election Topic - Committee Opportunities:

You have the opportunity to show your interest in membership on one of Phi Tau Sigma's Committees. The committees and their charges are listed below.

2019 – 2020 Phi Tau Sigma Committees

Awards

"The Awards Committee shall develop appropriate awards programs to recognize distinguished scientists who have made substantial contributions to Food Science and Technology and its related disciplines. Awards programs shall also be developed to recognize promising younger scientists and students." [Phi Tau Sigma ByLaws, Article XI, Section 1]

Chapter Affairs

"The Chapters Affairs Committee shall be responsible for the relationships between the SOCIETY and the Chapters" [Phi Tau Sigma Bylaws, Article XI, Section 2]

Constitution & Bylaws

"The Committee shall maintain continuing surveillance over the developments of any conflicts between the Constitution and the Bylaws. It shall review and make recommendations to the Executive Committee on all proposed amendments to the Constitution or Bylaws." [Phi Tau Sigma Bylaws, Article XI, Section 3]

Membership & Qualifications

"The Membership and Qualifications Committee shall review all membership nominations for compliance with the SOCIETY'S requirements and shall recommend qualified candidates to the Executive Committee for induction into Phi Tau Sigma." [Phi Tau Sigma Bylaws, Article XI, Section 5]

Newsletter & Communications

"The Newsletter shall serve as a source of information about the SOCIETY, its Members, and other news and information related to Food Science and Technology." [Phi Tau Sigma Bylaws, Article XI, Section 7]

Nominations & Elections

"The Nominations and Elections Committee shall solicit nominations for officers and At-Large Councilors, screen candidates and obtain written agreements from them to serve if elected, in time to meet the balloting deadlines." [Phi Tau Sigma Bylaws, Article XI, Section 6]

Program

"The Program Committee shall be responsible for identifying and presenting appropriate programs to encourage the long-range professional growth of the SOCIETY. It shall be responsible for all activities at the Annual Meeting of both the SOCIETY and of the Institute of Food Technologists, other than the meeting of the Executive Committee. The committee may develop or assist in developing programs for smaller groups or members, such as: Chapters, regional meetings, symposia or scientific lectureships." [Phi Tau Sigma Bylaws, Article XI, Section 8]

Development

Develop and implement strategies and mechanisms to raise long range funding to allow Phi Tau Sigma to be funded in perpetuity.

Ad Hoc Strategic Relations

Develop and recommend to the Executive Committee a prioritized strategic plan for long term financial stability and relationship building of Phi Tau Sigma.

Ad Hoc Student Relations

Develop and recommend to the Executive Committee a prioritized strategic plan for a long term relationship with IFTSA and Phi Tau Sigma and improve student relations/interactions with student members of Phi Tau Sigma. The recommended strategies may be implemented with Executive Committee approval.

Ad hoc Website/Wikipedia Committee

Provides leadership, creativity and timely information for the Phi Tau Sigma website and the webpage on Wikipedia.

Ad hoc Recruitment Campaign Committee

To find worthy nominees for membership in Phi Tau Sigma, and provide the information necessary for them to be nominated.

Ad hoc Internship Organization Committee

To organize and administer a program to advertise and link companies seeking interns with Phi Tau Sigma students seeking internships.

Calendar:

->Phi Tau Sigma Awards Schedule:

- November 30: Deadline to submit nominations to the Awards Committee for the Dr. Daryl B. Lund International Scholarship.
- February 1: Deadline to submit nominations to the Awards Committee for the Phi Tau Sigma Special Recognition Award, the Phi Tau Sigma Student Achievement Scholarship, the Dr. Gideon "Guy" Livingston Scholarship, and the Phi Tau Sigma Founders' Scholarship.
- April 1: Deadline to submit nominations to the Awards Committee for the Phi Tau Sigma Outstanding Chapter of the Year Award.

Send completed nomination forms to both Awards Committee Chair Poulson Joseph, Ph.D., (pjoseph@kalsec.com) and Executive Director Kathryn L. Kotula, Ph.D. (klkotula@msn.com). (More information: <http://www.phitausigma.org/awards/>)

- >December 18: Deadline to submit Nominations for the **Dr. Carl R. Fellers Award**, and other IFT Achievement Awards.
(More information: <http://www.ift.org/membership/awards-and-recognition/achievement-awards.aspx>)

->Phi Tau Sigma Chapter Schedule:

- November 1: Deadline to order Honor Cords and lapel pins to ensure delivery before Fall graduation dates
- March 15: Deadline for membership nominations to ensure decisions from the Membership and Qualifications Committee before the Annual Meeting
- April 1: Deadline to order Honor Cords and lapel pins to ensure delivery before

	Spring graduation dates
May 1:	First call for Chapter annual reports
June 1:	Second call for Chapter annual reports
July 1:	Final call for Chapter annual reports
August 1:	Deadline for Chapter annual reports

Reminder to all Chapters: In order to receive the *Certificate of Merit* or *Certificate of Excellence*, Chapters must submit their annual reports for evaluation by August 1. Please send your annual report to the current Chair of the Chapter Affairs Committee, Amy Simonne, Ph.D. (asim@ufl.edu) with a copy to Dr. Kathryn L. Kotula (klkotula@msn.com).

-> Election schedule:

December 15:	Nominations due to Nomination and Election Committee (Jamie Valenti-Jordan, M.S., Chair (jamie@catapultserv.com))
January 2:	Nominations and Elections Committee convenes
January 21:	Deadline for Nomination and Elections Committee to submit slate of candidates to President
February 5:	Last date on which nominations by petition may be submitted
March 2:	List of candidates will be emailed to the Members for balloting
March 30:	Deadline for casting ballots
April 8:	Deadline for tabulation of ballots
July 15:	Phi Tau Sigma President will present the newly elected individuals to the Membership at the Annual Business Meeting of Phi Tau Sigma

-> June 2-5, 2019, Institute of Food Technologists Annual Meeting, New Orleans, LA:

June 2 (Sunday):	(times tentative)
11:00am-12:15pm	Phi Tau Sigma Executive Committee Meeting
12:15pm-1:30pm	Lunch Break
1:30pm-3:00pm	Phi Tau Sigma Leadership Council Meeting and Annual Business Meeting
12:30pm-1pm	Student Competition Poster Set-up
1:00pm-2:30pm	Student Poster Competition Judging
3:30pm-4:20pm	Phi Tau Sigma and IFT Division Competition Awards Ceremony
6:00pm-7:00pm	IFT Awards Celebration, includes the presentation of the Dr. Carl R. Fellers, Ph.D. Award (Meet the Award winners at the IFT Networking Reception immediately following.)

Chapter News: Cal Poly Pomona Chapter

(Contributed by: Sarah Caballero, B.S. Food Science and Technology, Treasurer, California State Polytechnic University, Pomona)

Students in the Phi Tau Sigma Chapter of Cal Poly Pomona continued their tradition of hosting a booth at Don B. Huntley College of Agriculture's 26th Annual Pumpkin Festival. The Pumpkin Festival is a two-day festival held every October at the AGRIsapes Agricultural Outreach Center at Cal Poly Pomona. Families from the local community selected pumpkins from the pumpkin patch and participated in a variety of kid-friendly activities, such as a petting zoo and agriculture demonstrations and crafts.

Volunteering throughout both days, Phi Tau Sigma members hosted a booth that sold frozen otter pops and bottled water, raising money for Honor Society activities and for serving the local community. Funds raised will be used to enhance leadership, scholarship, and research focused activities.



Pictured left to right: Justin Huynh, Sarah Caballero, Jonathan Guo, Erik Dassoff

Member News:



Dr. Mindy Brashears has been named **Deputy Under Secretary for Food Safety** by U.S. Secretary of Agriculture Sonny Perdue. Dr. Brashears is a highly-qualified individual for this senior leadership position at the U.S. Department of Agriculture (USDA).

Dr. Brashears is a Professor of Food Safety and Public Health and the Director of the International Center for Food Industry Excellence at Texas Tech University. Dr. Brashears' research program focuses on improving food safety standards to make an impact on public health. Her highly acclaimed work evaluates interventions in pre- and post-harvest environments and on the emergence of antimicrobial drug resistance in animal feeding systems. These efforts have resulted in commercialization of a pre-harvest feed additive that can reduce *E. coli* and *Salmonella* in cattle. She also leads international research teams to Mexico, Central and

South America to improve food safety and security and to set up sustainable agriculture systems in impoverished areas. She is past-Chair of the National Alliance for Food Safety and Security and of the USDA multi-state research group.

[From the eNewsletter of the American Meat Science Association February 1, 2019 Volume 56e, Number 394]

Dr. Surendranath Suman, a Lifetime Member of Phi Tau Sigma, has been selected as the winner of the **2019 International Lectureship Award** of the American Meat Science Association. The International Lectureship Award is sponsored by PIC and was established to honor an individual for internationally recognized contributions to the field of meat science and technology. Dr. Suman will be honored at the AMSA 72nd Reciprocal Meat Conference (RMC) during the "Applied and Omic Approaches to Fresh Meat Quality Defects" concurrent session on Monday, June 24, 2019 in Fort Collins, CO. The AMSA 2019 RMC is co-hosted by Colorado State University and JBS USA Food Company.



Dr. Suman is a Professor of Meat Science at the Department of Animal and Food Sciences, University of Kentucky. His presentation will focus on "A Global Perspective on Muscle-Specific Color Stability in Fresh Meats." Color stability of fresh meat is highly influenced by muscle source and species. Through extensive international collaborations, Dr. Suman's research program investigates fresh meat color phenomena in ruminants in four continents (i.e., Asia, Africa, North America, and South America). This presentation will focus on fundamental as well as applied aspects of muscle-dependent variations in color and oxidative stabilities of fresh meat from *Bos taurus* cattle (United States), *Bos indicus* cattle (Brazil), game animals (South Africa), and yak (China).

Suman's research program focuses on the fundamental and applied aspects of meat color in livestock and non-traditional food animals, and he collaborates extensively with researchers in Brazil, South Africa, and China. He is one of only a handful of people across the world utilizing proteomic tools to interpret and solve protein-based concerns in muscle foods, and his program has been continuously supported by USDA AFRI. He has published 75 peer-reviewed journal articles and has mentored international exchange scholars, graduate students, and visiting professors from Brazil, China, India, South Korea, Indonesia, and South Africa. Suman is the Associate Editor (2016–present) for Meat and Muscle Biology, the official journal of AMSA. He also served as Section Editor for Journal of Animal Science (2013–2016) as well as Journal of Muscle Foods (2008–2009) and as Guest Editor for Animal Frontiers (2014 October). He serves as a member of the editorial boards of International Journal of Food Science and Technology and Fleischwirtschaft International. For his outstanding research accomplishments, Suman has received the American Society of Animal Science Meats Research Award (2018), Special Visiting Researcher Fellowship, Science Without Borders Program, Brazil (2014-2017), Thomas Poe Cooper Research Award of the University of Kentucky (2017), Bobby Pass Excellence in Grantsmanship Award of the University of Kentucky (2016), American Society of Animal Science Early Career Achievement Award (2013), American Meat Science Association Achievement Award (2012), American Society of Animal Science Southern Section Outstanding Young Animal Scientist Award for Research (2012), and International Meat Secretariat Prize (2009).

[From the eNewsletter of the American Meat Science Association February 8, 2019 Volume 56e, Number 395]

Dues Reminder:

Your dues status is listed in the cover email of this Newsletter. If you have not already paid your dues, Phi Tau Sigma Member dues are \$40 per year, but students get a discount so their dues are \$20 per year. Lifetime Membership is \$400 (just once). Please access the Phi Tau Sigma Membership Dues Page at: <http://www.phitausigma.org/membership-dues/>. Proceed on to pay by PayPal. Once you are successful with your PayPal payment, you will receive a receipt. If you do not receive a receipt, please try again.

Dues can also be paid by check payable to **Phi Tau Sigma**, (made with U.S. Funds and drawn on a U.S. Bank). (Do not send a money order.)

Mail your check to: **Kantha Shelke, Ph.D.** (Do **not** address to Phi Tau Sigma.)
33 West Ontario, Suite 57F, Chicago, IL 60654.

You are welcome at any time to give a donation to the Dr. Carl R. Fellers Award Fund, the Dr. Gideon "Guy" Livingston Scholarship Fund, Phi Tau Sigma Student Achievement Awards Fund, Phi Tau Sigma Special Recognition Award Fund, Dr. Daryl B. Lund International Scholarship Fund, Phi Tau Sigma Founders' Scholarship, Phi Tau Sigma Chapter of the Year Award, Honorary Society Advancement Fund, or the President's Fund.

We also ask each Chapter to send a list of their current, and lapsed, members along with contact information to the Chapter Affairs Committee Chair, Amy Simonne, Ph.D. at: asim@ufl.edu, to help ensure our records are accurate.

Phi Tau Sigma Store

Phi Tau Sigma has an online store. Items featured include Honor Cords, Official Lapel Pins, Banners (podium and wall/table), Annual and Lifetime Member dues, printed Certificates of Membership, and an opportunity to make tax deductible donations to Phi Tau Sigma. The Society Store can be found by going to www.phitausigma.org/store.

Editorial: Election

Once a year we have the opportunity to vote for our incoming Board of Directors, and to express our interest to serve on committees. Please take these opportunities and fill out the ballot.

About Phi Tau Sigma Communications:

The Phi Tau Sigma Newsletter Committee includes: Kathryn Kotula, Ph.D., Editor-in-Chief, Chair (klkotula@msn.com), Claire Zoellner, Ph.D., Associate Editor (cez23@cornell.edu), Anthony W. Kotula, Ph.D., Afef Janen, Ph.D., Hossein Daryaei, Ph.D., Tianxi Yang, Ph.D., and Yiren Yue, B.S. (Ph.D. Candidate). Please be responsive to their inquiries for information for the Newsletter.

The Newsletter Committee particularly wishes to share news from Phi Tau Sigma Members and Chapters. Any items for the monthly Phi Tau Sigma Newsletter should be emailed in Word (97-2003 compatibility mode) to Editor Kathryn L. Kotula, Ph.D. at klkotula@msn.com

or Associate Newsletter Editor Claire Zoellner at cez23@cornell.edu. Write "*Phi Tau Sigma Newsletter*" in the subject line. Please provide the information by the 1st of the month. Thanks.

Documents:

Phi Tau Sigma Documents can be found on our website at: www.phitausigma.org.

Phi Tau Sigma Membership Nominations

<http://www.phitausigma.org/membership-nomination-form-pdf/>
<http://www.phitausigma.org/membership-nomination-form-word/>

Phi Tau Sigma Scholarships and Awards Forms

<http://www.phitausigma.org/awards/>

Phi Tau Sigma Constitution and By-Laws

<http://www.phitausigma.org/constitution/>
<http://www.phitausigma.org/bylaws/>

Phi Tau Sigma Mentorship Program

<http://www.phitausigma.org/mentorship/>

Donors, Sponsors, and Contributing Partners:

Phi Tau Sigma accepts donations and has a variety of available sponsorship opportunities.

Phi Tau Sigma is a non-profit 501(c)(3) charitable organization, so your contributions are tax deductible to the extent provided by U.S. law.

Donations and sponsorships may come from, but are not limited to, Corporations, Companies, Universities, Government agencies, Associations, Consultants, and individuals.

Contributions are appreciated in any amount, and can be made by way of the Phi Tau Sigma website (<http://www.phitausigma.org/sponsor/>). Donations by check can be made by contacting: Treasurer Kantha Shelke, Ph.D. (kantha@corvusblue.net), 33 West Ontario, Suite 57F, Chicago, IL 60654. Please write "Donation" or "Sponsorship" in the subject line.

Contributions of \$500 or more will be recognized publicly by the Society at the annual meeting, on the Phi Tau Sigma website, in printed material associated with relevant programs and events, and in the Phi Tau Sigma monthly Newsletter. Sponsorships of awards and scholarships are also available at levels of contribution sufficient to cover the associated cost of the award or scholarship. Endowments are also accepted.

Sponsorship opportunities are available for the Phi Tau Sigma Annual Recognition Event, Phi Tau Sigma Special Recognition Award, Phi Tau Sigma Student Achievement Award (up to 3 will be awarded), the Dr. Gideon "Guy" Livingston Scholarship Fund, the Phi Tau Sigma Founders' Scholarship, the Dr. Daryl B. Lund International Scholarship Fund, and the Phi Tau Sigma Outstanding Chapter of the Year Award. Donations can be made towards the awards and scholarships listed above, as well as the Program fund and the General fund.

There are also endowment opportunities for student scholarships named for the sponsoring company.

Phi Tau Sigma has a **Contributing Partners Program** with five levels of sponsorships as described below. The Contributing Partner receives all of the benefits in the previous levels, plus the addition of the benefit listed for that level.

Bronze (\$5000)

- Company listing in the "Donors and Sponsors" section of the Phi Tau Sigma Newsletter.
- Recognition with company name on www.PhiTauSigma.org
- Prominent recognition at all major Phi Tau Sigma events

Silver (\$10,000)

- Bronze benefits.
- Posting your company's job openings and internships in the Phi Tau Sigma Newsletter.

Gold (\$15,000)

- Silver benefits.
- Acknowledgement of sponsorship and placement of corporate logo on plaque or scholarship/award memorabilia.

Platinum (\$20,000)

- Gold benefits.
- A press release associated with significant contributions, distributed to allied professional and trade associations for circulation to their membership via their publications, e-news and/or listservs.
- Complimentary access to student resume database.

Diamond (\$25,000)

- Platinum benefits.
- Prominent multi-year listing on the Phi Tau Sigma website as a sponsor of an Endowed Program.

Some corporations will match individual contributions of their employees, so check with your company about matching funds.

For more information contact the Treasurer, Kantha Shelke, Ph.D.

(kantha@corvusblue.net), or the Executive Director, Kathryn L. Kotula, Ph.D.

(klkotula@msn.com). Please write "Donation" or "Sponsorship" in the subject line.

2018-2019 Donors and Sponsors:

Dr. Mary K. Schmidl is the President of the International Union of Food Science and Technology (IUFoST), a Lifetime Member and a past President of Phi Tau Sigma, a Past President of the Institute of Food Technologists (IFT) and Adjunct Professor, University of Minnesota.

Dr. Theodore P. Labuza is a Lifetime Member of Phi Tau Sigma, a Past President of the Institute of Food Technologists (IFT) and the Morse Alumni Distinguished Teaching Professor of Food Science and Engineering, University of Minnesota.

Dr. Fergus Clydesdale, a Lifetime Member of Phi Tau Sigma, is the Distinguished Professor and Director of the UMass Food Science Policy Alliance, University of Massachusetts Amherst and a member of Phi Tau Sigma since the 1960's.

Dr. Rakesh K. Singh is the President of Phi Tau Sigma, a Lifetime Member; and is Professor and Head of Department of Food Science & Technology at the University of Georgia. He is also a Fellow of IFT and Editor-in-Chief of LWT – Food Science and Technology. (Sponsorship of a Phi Tau Sigma Student Achievement Scholarship.)

David K. Park, M.S., Phi Tau Sigma Lifetime Member, is Principal, Food-Defense, LLC, providing expert food safety / food defense, USDA and USDA-FSIS Process Authority consultation for thermal and non-thermally processed low acid canned foods (LACF), acidified foods (AF), and refrigerated extended shelf life foods (ESL) and their packaging systems. (Donation towards a Phi Tau Sigma Scholarship.)

Nina Teicholz, M.Phil. is an investigative science journalist and author. Her international bestseller, *The Big Fat Surprise* has upended the conventional wisdom on dietary fat—especially saturated fat. The executive editor of "The Lancet" wrote, "this is a disquieting book about...ruthless silencing of dissent that has shaped our lives for decades ... researchers, clinicians, and health policy advisors should read this provocative book." *The Big Fat Surprise* was named a 2014 *Best Book* by *The Economist*, *the Wall Street Journal*, *Forbes*, *Mother Jones*, and *Library Journal*. Teicholz is also the Executive Director of The Nutrition Coalition, a non-profit group that promotes evidence-based nutrition policy. She is a graduate of Stanford and Oxford Universities and previously served as associate director of the Center for Globalization and Sustainable Development at Columbia University. Teicholz is the only journalist to date to be elected to Phi Tau Sigma. (Donation towards a Phi Tau Sigma Scholarship, and Phi Tau Sigma programs.)

Dr. Daryl and Mrs. Dawn Lund. Dr. Lund is past President of Phi Tau Sigma, Lifetime Member, past Treasurer, current Assistant Treasurer, and an Emeritus Professor, University of Wisconsin-Madison. (Sponsorship of the Dr. Daryl B. Lund Student International Travel Scholarship.)

Hawkins, Inc. is a progressive concern that manufactures and distributes specialty chemicals and provides functional solutions for a wide variety of industries. The Food Ingredients Group is a leading manufacturer of innovative pathogen control technologies and ingredients for the food industry. The formation of Ingredient Works, an entity conceived to capitalize on expertise in functional ingredient applications, food industry knowledge, technical service, and an extensive product portfolio, is focused on the comprehensive science of shelf-life, providing customized solutions to both the common and the highly complex issues faced every day by food manufacturers. The ultimate goal for the Hawkins Food Ingredient Group is to re-define the concept of shelf life and become a complete solution provider to the food industry. (Contribution to support the Phi Tau Sigma Founders' Scholarship, and the Phi Tau Sigma general fund.) **Hawkins, Inc. is a Bronze level Contributing Partner.**



FOOD INGREDIENTS
GROUP

Elsevier Publishing Company. Elsevier’s Food Science content covers aspects of food from chemical composition, to growth and production to distribution and consumption – from farm to fork. Our extensive collection includes eBooks, print books, series, handbooks, and major reference works, all complementing our expansive collection of food science journals and designed to help food science professionals continue to be innovative and make evidence-based contributions to the communities, translating knowledge into applications for the world. Elsevier books have an established reputation for providing ground-breaking and expansive content; written by world renowned, award-winning authors and reviewed by an expert team of editors. Our wide variety of books and eBooks has been empowering research development, initiating innovation, and encouraging confidence and career growth in the scientific field. (Donation towards a Phi Tau Sigma Scholarship.)



ELSEVIER



International Food Network, Inc. is a consultancy based in Ithaca, New York that serves the food, beverage and nutrition industry, providing services in the areas of value optimization, corporate development, mergers & acquisitions and divestitures. Peter Salmon is IFN’s founder and principal. (Contribution for the General Fund.)

A donation was made towards a Phi Tau Sigma Scholarship by a Phi Tau Sigma Lifetime Member who wishes to remain anonymous.