



The Honor Society of Food Science and Technology

## ***Phi Tau Sigma Newsletter*** March 2020

### **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](mailto:klkotula@msn.com). All the forms and instructions needed for membership nominations can be found at: <http://www.phitausigma.org/membership-nomination-2020-pdf-2/> or <http://www.phitausigma.org/membership-nomination-2020-doc/>

There are two versions of the nomination form – a writable pdf format and a Word format. Choose the format you prefer.

Please note that the membership nomination form has been updated, so please use the most recent form.

Hint: Read the Instructions that start on page 3 of the form before and after filling out the 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 Ravi Chermala, M.S., Awards Committee Chair, at: [ravichermala@gmail.com](mailto:ravichermala@gmail.com), with a copy to the Executive Director ([klkotula@msn.com](mailto:klkotula@msn.com)).

**Two months before graduation:** Order Honor Cords and Lapel pins in the Phi Tau Sigma Store at: [www.phitausigma.org/store/](http://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](mailto:member@surveymonkeyuser.com) with the subject heading "Your Phi Tau Sigma 2020 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](mailto: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](http://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, 2020.

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](http://www.phitausigma.org) website only. It cannot be used again.

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

### For President Elect: (vote for one)

Kenneth W. McMillin, Ph.D.  
Rodrigo Tarté, Ph.D.

Louisiana State University  
Iowa State University

### For Directors: (vote for four)

Vaidhyanathan Anantharamkrishnan, B.Tech.  
Ravi Chermala, M.S., M.J, MBA  
Navam Hettiarachchy, Ph.D.  
Poulson Joseph, Ph.D.  
Fanbin Kong, Ph.D.  
Matthew (Matt) Taylor, Ph.D.

University of Minnesota  
Beech-Nut Nutrition  
University of Arkansas  
Kalsec®  
University of Georgia  
Texas A&M 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, Claire Koelsch Sand, Ph.D. at: [clairekoelschsand@gmail.com](mailto:clairekoelschsand@gmail.com).

## Election Topics:

### The First Election Topic – Board of Directors

#### **President Elect:** (Vote for one)

**Kenneth W. McMillin, Ph.D.**, a Lifetime Member of Phi Tau Sigma, is Professor of Animal Sciences jointly at Louisiana State University Agricultural Center and Louisiana State University. He received a B.S. in Food Science and M.S. in Animal Science at Purdue University and Ph.D. in Meat Science from Iowa State University. He has been an Assistant, Associate, and Full Professor at LSU since 1980. As the Mr. and Mrs. Herman E. McFatter Endowed Professor of Animal Science, Ken teaches meats, meat technology, and contemporary issues in the animal sciences and conducts research on properties of meat from different animal production systems, meat processing and packaging, and goat meat. He has been major professor for 21 graduate students and served on 51 graduate student committees. In addition to 169 invited presentations, he has conducted processing and food safety seminars and workshops in 15 countries. He is the co-inventor on two patents and has published 361 book chapters, refereed journal articles, abstracts, proceedings, and trade magazine articles.



Ken has been a member and Chair of the Phi Tau Sigma Membership and Qualifications Committee and member of the Constitution and Bylaws Committee. He served as Councilor for Louisiana Section and Muscle Foods Division, Chair of the Muscle Foods Division, Chair of the Louisiana Section, and member of six Institute of Food Technologists Committees. He has been on the Board of Directors or Trustees for the American Meat Science Association, American College of Animal Sciences, and American Meat Science Association Educational Foundation (Chair). Ken has been Editor in Chief of *Meat and Muscle Biology*, Associate Editor and Editorial Board member of *Meat Science*, Associate Editor of *Journal of Animal Science* Products Section, and Editorial Board of *The Professional Animal Scientist* scientific journals. He has been President of the LSU Chapter of the agriculture honor society Gamma Sigma Delta and LSU Chapter of the Scientific Research Society Sigma Xi. As President of the LSU Faculty Senate and Chair of the LSU Council of Faculty Advisors for two academic years, Ken represented 3,200 faculty members of all 9 LSU campuses in the development of educational policy and delivery of academic programs in regular meetings with faculty leaders and administrators. Ken is a Fellow of the Institute of Food Technologists, a Fellow of American Meat Science Association, Professional Animal Scientist, a Diplomate in the American College of Animal Food Science, and was a Fulbright Senior Specialist in Meat Processing, Packaging, and Sanitation.

**Vision for ΦΤΣ:** Membership in an honor society is recognition of scholarly achievement and offers the privilege of participating in the organization activities. Phi Tau Sigma provides significant value to our profession by acknowledging professional achievement, encouraging scientific principles, promoting scientific knowledge exchange, and providing leadership. A robust Society like ours must expand the recognition of students in oral and poster competitions, raise the visibility of our sponsored symposia, publicize the accomplishments

of our members, and promote the distinction of Phi Tau Sigma membership. Our Honor Society has an opportunity to maintain recognition of the science of food as the basis for technology and to advance the understanding of our profession in feeding and advancing the welfare of the world's population. I will strive to support each of the many activities of Phi Tau Sigma and nurture greater participation among our members. As a longtime member of Phi Tau Sigma, I commit to furthering the mentorship program, to enhancing the visibility and recognition of the Society in the food science and technology community, and to increasing the networking opportunities among our members.



**Rodrigo Tarté, Ph.D.**, a Lifetime Member of Phi Tau Sigma, is an Assistant Professor of Meat Science in the Department of Animal Science at Iowa State University, with a courtesy appointment in the Department of Food Science and Human Nutrition. Previously, over a span of 19 years, he worked as Director of R&D for Rica Rondo in Cali, Colombia (1996–1999), Creta Farms USA (2011–2012) and the John Morrell Food Group (now Smithfield Foods Packaged Meats Division) (2012–2015), and as a senior R&D scientist for Kraft Foods/Oscar Mayer (1999–2011). He holds B.S. and M.S. degrees in Food Technology, and a Ph.D. in Food Science & Technology and Meat Science, from Iowa State University. At Iowa State he teaches the courses *Foods of Animal Origin* and *Processed Meats*, co-teaches the *Integrated Food Science* graduate level course, advises dozens of undergraduate

students and researches the development and application of technologies to enable product innovation and increase quality and value of processed and value-added meat products. He has authored or co-authored three book chapters, edited the book *Ingredients in Meat Products: Properties, Functionality and Applications* (2009), published seven refereed papers since joining Iowa State, and co-authored several conference papers and proceedings. He is a recipient of the *Meat Processing Award* (2013) of the American Meat Science Association, a career award that recognizes achievement to the meat processing industry, the *Alumni Impact Award* (2014) of the Iowa State University Department of Food Science and Human Nutrition, and various internal company awards and recognitions.

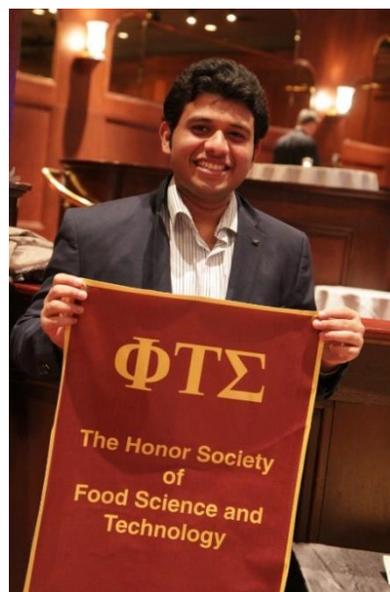
As an active member of Phi Tau Sigma, Rodrigo currently serves as a Director and has chaired the Membership and Qualifications Committee (2016–17). He has been a member of the Membership and Qualifications, Constitution and Bylaws, and Recruitment Campaign committees, is the editor of the Society's nomination form and led its conversion from a Word file to its present electronic format (pdf). Within IFT, he has served as Chair of the Muscle Foods Division, on the IFT Technical Presentations Committee and Scientific Program Subcommittee, and as Annual Meeting session moderator, technical abstract reviewer and graduate paper competition judge. He is also active in the American Meat Science Association (AMSA), where he has served on the Board of Directors (2010–2012), chaired numerous committees, and advised the Student Board of Directors. He is also a member of the American Society of Animal Science (ASAS), the International Association for Food Protection (IAFP) and the Council for Agricultural Science and Technology (CAST).

**Vision for ΦΤΣ:** While it may sound cliché to say that “students are the future”. . . it's very true when it comes to ΦΤΣ. If I asked you to tell me when you joined most honor societies of which you're a member, you'll most likely say it was when you were in college. I believe that getting qualified individuals to join ΦΤΣ as students is key to increasing its visibility,

credibility and long-term member engagement. This is even more critical at a time when so much mis- and disinformation in media channels vies for people's hearts and minds by claiming to be more authoritative than objective science. We do face some challenges in this regard, however. First, today's young people don't think exactly like we do (or used to when we were students). We need to understand what they value, ensure that our value proposition aligns with those values, and communicate it effectively. In addition, many of these students are bombarded starting their first semester of college by all sorts of "honor" societies, generally asking for money and offering little in return beyond a membership certificate. This I know because I advise over forty undergraduate students. What sets a legitimate honor society like ours apart from any others in the minds of very young people who may lack enough understanding to know the difference? While I can't say I have all the answers, I do believe this starts with the local Chapters. That is where the human interactions and actual work of  $\Phi\tau\Sigma$  truly happen and where students can begin to see and appreciate the value and significance of our organization. Strengthening the local Chapters, helping them in their recruitment efforts and finding alternate means of communication (beyond those we already do well) are things I will focus on if elected. I will also continue the strong focus on the wonderful initiatives that are in place now, such as the Recruitment Campaign and our search for new Contributing Partners, which are aimed at expanding the reach and impact of the Society, as well as increased member involvement.

### **Directors:** (Vote for four)

**Vaidhyathan Anantharamkrishnan, B.Tech.**, is currently a Ph.D. Candidate under Dr. Gary Reineccius at the University of Minnesota in the Department of Food Science and Nutrition. He has his bachelors of technology in Chemical Engineering from India. Before starting his graduate studies, he worked in Lux flavors, India for a year as a flavor research scientist. His graduate research focuses on plant and dairy proteins and their interaction with flavors. He is skilled in flavor analysis, encapsulation by spray dryer, proteomics and mass spectrometry. Three years into his graduate studies, he already has four peer reviewed research articles in the area (1 published, 3 under review). He was awarded the Jogue scholarship by the Society of Flavor Chemists for excellence in flavor research. He was also awarded the Eldwood Caldwell Award for excellence in volunteering by Minnesota section of Institute of Food Technologists. The team he captained won the first place in the product development competition organized by Ocean Spray®. He has also been awarded a fellowship from the Department of Food Science of University of Minnesota.



Vaidhy was the President of Phi Tau Sigma - University of Minnesota Chapter for two years (2017-2019). Under his leadership, the Chapter won the prestigious honor as "Chapter of Excellence" from the National Phi Tau Sigma. He had an active member drive program at the Department and nearby universities which resulted in more than 15 members being nominated and accepted into the Phi Tau Sigma. During his tenure as the President, he pushed forward the flagship program of the Chapter – "Building a Science Bridge to Africa"® by making two shipments of books and journals to University of Ghana. The

program aims at improving the access of students and researchers in higher education on the African continent to peer reviewed research articles and books. The program was then briefed to the leadership of National Phi Tau Sigma to expand it as a national program.

**Vision for ΦΤΣ:** I believe in Phi Tau Sigma’s mission - To elevate the achievements of students and professionals in food science and technology, and that is the reason I decided to become part of the Society. I would want to share the wealth of experience that I obtained from being part of this organization and encourage more students and professionals to become a part of it. The future of the science community is with the students. As a student myself, I would be able to give fresh perspective, address issues faced by the student community and also suggest ways to keep them engaged. I would also want to take the “Building a Science Bridge to Africa”® nation-wide and help science reach all over the world – which is coherent to the mission of Phi Tau Sigma. I look forward to having the opportunity to serve the Honor Society by working with other members.

**Ravi Chermala, M.S., M.J., MBA.** Lifetime Member of Phi Tau Sigma, is an accomplished Food Safety and Global Quality Management Systems Leader in the development, execution and management of Food Safety and Quality programs. Ravi’s track record includes 20 plus years of successful experience encompassing a variety of products and technology, globally advancing quality and food safety (worked in India, Canada and USA), with demonstrated success in contributing to the overall strategic direction, food safety issue prevention, quality/continuous improvement, regulatory compliance, risk mitigation, coaching/mentoring and enhancing food safety culture. Ravi holds a M.J. in Global Food Law and M.S. in Food Safety, both from Michigan State University. MBA from Western Governors University, Utah and M.S. in Microbiology from SRTM University. Ravi successfully designed, developed, and implemented best-in-class systems in all areas of food safety and quality to meet necessary requirements (e.g., Hazard Analysis and Critical Control Point (HACCP), Good Manufacturing Practices (GMP), Food Safety Modernization Act (FSMA), and Global Food Safety Initiative (GFSI)). He also has led several successful sanitation excellence activities, invested time in talent development, and led several successful cross-functional continuous improvement projects, achieving/maintaining third-party certifications with excellent ratings for his facilities and built himself as a role-model for the food safety/quality culture. Ravi is also a trained lead instructor in the approved course (Food Safety Preventive Controls Alliance’s Preventive Controls for Human Food) related to the FDA Food Safety Modernization Act (FSMA). He is involved in many different activities which are all tied to the enhancement of the food industry. Ravi is active in IFT, the American Society for Quality, and Phi Tau Sigma. Ravi is a Fellow of the Institute of Food Science and Technology (FIFST), and Fellow of the Royal Society for Public Health (FRSPH) (2018). Ravi is currently the Director of Quality of Beech-Nut Nutrition, in New York.



**Vision for ΦΤΣ:** My professional and personal goals align with the mission of Phi Tau Sigma by raising the stature and recognizing scholarly achievements of the Food Science and Technology profession and committing to continuous improvement in my area of responsibility. I am currently serving as the Chair of Awards Committee and served in

Nominations & Elections Committee and Scientific Communications Committee for Phi Tau Sigma. I am actively involved in Coaching/Mentoring/Development of the food industry professionals and developed many successful Quality/Food Safety professionals. Being an active and life-long member of Phi Tau Sigma, I endorse young professionals by being a role model for them and be able to promote excellence in food science and technology.



**Navam Hettiarachchy, Ph.D.** is a Lifetime Member of Phi Tau Sigma, an IFT Fellow, and is a University Professor at the University of Arkansas, Food Science Department. Prior to this she was an Associate Professor and the Director of Food Science program at North Dakota State University. She earned her Ph.D. in Biochemistry, Hull University, England; M.S. University of Edinburgh, Scotland; and B.SC in Chemistry, Madras University, India. She is the past President of IFT-AAFSIS, as well as Stem Cell coalition (University of Arkansas Medical School). A few highlights are: Navam has served / is serving as Chair of numerous local, national, and international committees including Diversity, Basic Symposium, Juror (Fellows, Awards), and Student Councilor of the IFT. Currently, she is the Chair of Curriculum, Research

Reproducibility & Replicability Committees, and Research Council at University of Arkansas. She has a history of advising and coaching teams of students to several first place award winnings at international, national and local levels including IFT Disney product development, and College Bowl competitions. Navam developed and taught eight Food Science courses and is currently teaching 3 courses. She is a resource Professor to Japan in training food science related courses to 18 countries. As a researcher, she combines an interdisciplinary background with skills and develops and implements strategies for high-impact research for a diversified integrated structure-chemistry-functional properties of food proteins and bioactive peptides with special focus on pulses, and rice, adding value to industry co-products, moving onto manufacturing of 3D ink printing of nutritious and healthy foods. Her innovations in product development have contributed to improved quality of life through a healthy eating lifestyle. She is/has been an advisor for 52 food companies. In addition, she is/has been on the Board of Directors for eight food companies.

Navam has graduated 46 M.S. and Ph.D. students. She has published 160 refereed journal articles including in the Food Science journal. Patents (7), books edited, book chapters, presentations and other publications total over 750. She serves as an editorial member of multiple journals, and a reviewer of USDA-NIFA panels.

**Vision for ΦΤΣ:** As a Phi Tau Sigma Director, Navam's vision would be to utilize all her experiences and expertise to reach out networking to actively promote Phi Tau Sigma to students, faculty, and other food science professionals for excellence. Having benefited by being an IFT member, she is deeply passionate about giving back what she learned to the community. Phi Tau Sigma provides an invaluable opportunity for her to serve the global food science community who will become leaders within the discipline of food science to bring honor to the profession and to recognize the achievements of students and professionals in the field, and to work with students and young faculty by mentoring them to provide opportunities in promoting their growth as scientists, professionals and individuals. Seeing the next generation of dedicated food scientists making a positive impact in the field of food science and technology would be her utmost priority in her profession.



**Poulson Joseph, Ph.D.** 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, he had 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 of Food Science and Technology). 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:** Thanks a lot, in considering me as a candidate for Phi Tau Sigma, Director. It is really a 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 regards, 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.

**Fanbin Kong, Ph.D.**, a Lifetime Member of Phi Tau Sigma, is an Associate Professor of Food Engineering at the University of Georgia, Athens, GA. He received a bachelor's degree and a master's degree in Environment Engineering, focusing on wastewater treatment, then obtained a Ph.D. degree in Food Engineering from Washington State University in 2007. He had several years of industry experience before joining UGA in 2011 as an Assistant Professor. He was promoted to Associate Professor in 2016. Dr. Kong has developed vigorous research and teaching programs. His research emphasis included designing and building dynamic *in vitro* gastrointestinal models for food digestion study, and developing radio frequency (RF) heating technology for food pasteurization. He has secured about \$2.5 million extramural funding as a Principal Investigator or a Co-Principal Investigator for



his research and published more than 60 papers in excellent refereed journals. As a major professor, Dr. Kong has supervised, or is presently supervising, 9 Ph.D. students (4 graduated, 5 are currently in the program) and 7 M.S. students (6 graduated, one is currently in the program). His students have secured excellent jobs in industry and academia. Dr. Kong has developed and taught seven courses. He has a strong interest in developing and using innovative teaching methods to improve student learning outcomes. For example, he has successfully applied "flipped classroom" and "classroom meditation" in his classes which effectively enhanced student learning. Because of his dedication to innovative teaching, Dr. Kong received NACTA Teacher Award of Merit in 2015. He has been active in a number of professional organizations including IFT and IAAP, and participated in various activities including reviewing abstract and organizing sessions for annual meetings. He served as the President of the Chinese American Food Society (CAFS) for 2018-2019.

**Vision for ΦΤΣ:** I served as the President of Phi Tau Sigma UGA Chapter for 2015 and 2016, then continued to contribute to the Chapter as a faculty advisor. I have encouraged students and new faculty members to join the Society, apply for scholarships and be actively involved in various activities. The Phi Tau Sigma membership at UGA has been increasing consistently in recent years. The UGA Chapter has also been awarded the "Chapter of Excellence" in 2018. At UGA, I was recognized as "a person who has greatly contributed to the career development and success" of students by UGA Career Center. I view Phi Tau Sigma as a great platform for students to improve networking and leadership skills. If elected, I will continue to encourage students and young professionals to become engaged in the various programs of the Society, which will not only benefit their career but also be critical to foster and promote the growth and development of the Society.

**Matthew (Matt) Taylor, Ph.D.** is an Associate Professor in the Department of Animal Science at Texas A&M University in College Station, TX. He joined the faculty there in 2007 after completing his Ph.D. in Food Science and Technology at the University of Tennessee in Knoxville, TN. Bachelor and Master of Science degrees were both earned in Food Science from North Carolina State University. His teaching, research, and outreach programs all center around the microbiological safety of foods through the use of chemical preservative treatments as food additives or sanitizers for pathogen inhibition or decontamination. His specific research interests lie in encapsulation of antimicrobial additives/preservatives to improve their usefulness in food products, though his research program in recent years has expanded to incorporate process validation for members of the U.S. rendering industries, helping to provide pathogen destruction validation to comply with FDA regulatory requirements for these industry members. At A&M he teaches undergraduate courses on the microbiology of human foods and a graduate course that goes into detail on the microbiology of human foods derived from food animals. His outreach program focuses on interacting with other food safety stakeholders and industry members, where he provides training on FDA FSMA compliance requirements, fresh produce safety, as well as works with various organizations that promote food safety in the U.S. and globally. In recent years, he has partnered with IFT to help re-configure food microbiology and food safety content offered through their Certified Food Scientist preparatory course, working



with food chemists and sensory scientists to develop training that demonstrates the integration of the disciplines within food science for food product processing.

**Vision for ΦΤΣ:** Matt joined Phi Tau Sigma as an undergraduate, and became very active as a professional member six years ago by serving as the Chair of the Constitution and Bylaws Committee. Since then, he has chaired that Committee in four of the last six years, and cooperatively worked to edit and update the Constitution and Bylaws as needs were identified, as well as recently leading efforts to revise and update the Society Guidance document. Currently as the Chair of the Committee, he's leading efforts to provide simple documents detailing the usefulness of the Constitution and Bylaws documents for new and existing members, in order to make these Society-governing documents more accessible to all members of Phi Tau Sigma. Matt is appreciative of the request to be nominated to join the Board of Directors, and would work to continue the reputation and prominence of the Society to food scientists everywhere.

## Calendar:

### ->Phi Tau Sigma Scholarship and 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 Ravi Chermala, M.S., Chair, ([ravichermala@gmail.com](mailto:ravichermala@gmail.com)) and Executive Director Kathryn L. Kotula, Ph.D. ([klkotula@msn.com](mailto:klkotula@msn.com)). (More information: <http://www.phitausigma.org/awards/>)

->December 9: Deadline to submit Nominations for the **Dr. Carl R. Fellers Award**, and other IFT Achievement Awards.  
(More information: <https://www.ift.org/community/awards-and-recognition/achievement-awards>)

### ->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, Claire

Koelsch Sand, Ph.D., Chair, ([clairekoelschsand@gmail.com](mailto:clairekoelschsand@gmail.com)) with a copy to Dr. Kathryn L. Kotula ([klkotula@msn.com](mailto:klkotula@msn.com)).

**-> Election schedule:**

December 15: Nominations due to Nomination and Election Committee  
(Tom Aurand, Ph.D., Chair, [tom.aurand@gmail.com](mailto:tom.aurand@gmail.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 12: Phi Tau Sigma President will present the newly elected individuals to the Membership at the Annual Business Meeting of Phi Tau Sigma

**-> July 12-15, 2020, Institute of Food Technologists Annual Meeting, Chicago, IL:**

**July 12 (Sunday):** (times tentative)

11:00am-12:15pm Phi Tau Sigma Executive Committee Meeting  
12:15pm-1:30pm Lunch Break  
1:30pm-2:30pm 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  
6:00pm-7:00pm IFT Awards Celebration, includes the presentation of the Dr. Carl R. Fellers, Ph.D. Award sponsored by Phi Tau Sigma (Meet the Award winners at the IFT Networking Reception immediately following.)

**July 13 (Monday):**

12 noon-1:30pm Phi Tau Sigma and IFT Division Competition Awards Ceremony

## 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.) Do **not** write the check to Kantha. 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, the Program Fund, or the General 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, Claire Koelsch Sand, Ph.D. at: [clairekoelschsand@gmail.com](mailto:clairekoelschsand@gmail.com), 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](http://www.phitausigma.org/store).

## Editorial:

Please vote, and volunteer for a committee. These are your opportunities to impact and improve our Society.

## About Phi Tau Sigma Communications:

The Phi Tau Sigma Newsletter Committee includes: Kathryn Kotula, Ph.D., Editor-in-Chief, Chair ([klkotula@msn.com](mailto:klkotula@msn.com)), Claire Zoellner, Ph.D., Associate Editor ([cez23@cornell.edu](mailto:cez23@cornell.edu)), Anthony W. Kotula, Ph.D., Hossein Daryaei, Ph.D., Tianxi Yang, Ph.D., Yiren Yue, Ph.D., Laura Stawn, Ph.D., Diane Schmitt, Ph.D., Gabriela John Swamy, Ph.D., and Jennifer Fideler, 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 to Editor Kathryn L. Kotula, Ph.D. at [klkotula@msn.com](mailto:klkotula@msn.com) or Associate Newsletter Editor Claire Zoellner, Ph.D. at [cez23@cornell.edu](mailto: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](http://www.phitausigma.org).

Phi Tau Sigma Membership Nominations

<http://www.phitausigma.org/membership-nomination-2020-pdf-2/>

<http://www.phitausigma.org/membership-nomination-2020-doc/>

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/>

Every Member Get A Member Campaign  
<http://www.phitausigma.org/growing/>

## Why I Contribute to Phi Tau Sigma:

As a faculty member and department head, I encourage students to achieve excellence in their pursuit of education. Phi Tau Sigma promotes the same values of excellence and recognizes achievements via scholarships and awards. That is why, I support the student scholarship fund to direct help students and encourage other benefactors to do the same.  
Rakesh Singh, Ph.D.



## 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](mailto: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** (\$5,000)

- Company listing in the "Donors and Sponsors" section of the Phi Tau Sigma Newsletter.
- Recognition with company name on [www.PhiTauSigma.org](http://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](mailto:kantha@corvusblue.net)), or the Executive Director, Kathryn L. Kotula, Ph.D.

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

## 2019-2020 Contributing Partners:

**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



FOOD INGREDIENTS  
GROUP

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.**

### 2019-2020 Sponsors and Donors:

**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 Past 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.)

**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.)

**Peter M Salmon, M.S., MBA**, a Lifetime Member of Phi Tau Sigma, is the Founder and President of International Food Network, Inc., currently retired. (Sponsorship towards a Phi Tau Sigma Student Achievement Scholarship.)

**Elsevier Publishing Company.** 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. Elsevier 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. Our wide variety of books and eBooks reflects our passion for empowering early career researcher development, initiating innovation, and



sharing established expertise in the Food Science field. (Donation towards a Phi Tau Sigma Student Achievement Scholarship.)

**William Benjy Mikel, Ph.D.**, a Phi Tau Sigma past President and a Lifetime Member who appreciates the field of food science and technology. (Donation towards a Phi Tau Sigma Student Achievement Scholarship.)

**Nina Teicholz, M.Phil.** is an adjunct professor at New York University, 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. (Sponsorship of the Phi Tau Sigma Special Recognition Award, and Phi Tau Sigma programs.)

**David K. Park, B.S.**, Phi Tau Sigma Lifetime Member, is Principal, Food-Defense, LLC, providing expert food safety / food defense, USFDA 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 Student Achievement Scholarship.)

**Dr. Catherine Adams Hutt** and **Peter Barton Hutt**, Phi Tau Sigma Lifetime Members. Catherine is food safety and regulatory consultant and expert witness with RdR Solutions, and Peter is an attorney with Covington and Burling. Both are IFT Fellows. (Donation for the Dr. Gideon “Guy” Livingston Scholarship)

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

**A donation** was made to Phi Tau Sigma by another Phi Tau Sigma Lifetime Member who wishes to remain anonymous.

**Dr. Yaguang (Sunny) Luo**, a Lifetime Member of Phi Tau Sigma, is a Food Scientist with the US Department of Agriculture, Agricultural Research Service. Her work focuses on food quality and safety of fresh and fresh-cut produce. Dr. Luo is the Past Chair of the IFT’s Fruit and Vegetable Product Division, and is also the Past President of Chinese American Food Society. (Donation towards the Phi Tau Sigma Outstanding Chapter of the Year Award.)

The **Southern California Institute of Food Technologists Section** (SCIFTS) is one of the largest sections of the international society of professional food personnel involved or interested in any of the various aspects of the field of food. Whether you are a food technologist, researcher, scientist, engineer, executive, administrator, educator, author, marketer, consultant, student, or salesperson, there is a place for you in this multi-faceted organization. "To fulfill human needs for a quality food supply through science, technology

and education." This is the mission of the SCIFTS and of its members. In keeping with this mission, SCIFTS is proud to bring you the latest advances in OUR journey toward its fulfillment. (Donation towards the Phi Tau Sigma Outstanding Chapter of the Year Award.)



**Southern California**  
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