



The Honor Society of Food Science and Technology

Phi Tau Sigma Newsletter *January 2023*

News:

Award and Scholarship Deadlines Approaching

Remember to submit your nominations by **February 1** 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, the Phi Tau Sigma Founders' Scholarship, and the Catherine Adams Hutt, Ph.D., RD and Peter Barton Hutt, LL.B., LL.M. Food Regulation Scholarship.

The student scholarships include an honorarium of \$1000 each and a plaque.

Send completed nomination forms and nomination statement in on document to Elena Castell-Perez, Ph.D., Awards Committee Chair, at: ecastell@tamu.edu, with a copy to Kathryn Kotula, Ph.D. kkotula@msn.com. Send the Summary (in Word) and photo just to Kathryn Kotula, Ph.D. kkotula@msn.com.

Full information can be found at: <http://www.phitausigma.org/awards/>.

However, a short description of each is offered below:

"The **Phi Tau Sigma Special Recognition Award** shall be given to a Member of Phi Tau Sigma who has shown exceptional dedication to Phi Tau Sigma - The Honor Society of Food Science and Technology, as evidenced by significant accomplishments towards the goals and/or administration of Phi Tau Sigma. The award comes with a plaque and an appropriate memento."

"The **Phi Tau Sigma Student Achievement Scholarship** shall be given to a student Member of Phi Tau Sigma who has shown exceptional scholastic achievement and a dedication to Phi Tau Sigma."

"The **Dr. Gideon "Guy" Livingston Scholarship** of Phi Tau Sigma shall be given to a student Member of Phi Tau Sigma in honor of the founder of Phi Tau Sigma, and to acknowledge that student's scholastic achievements and dedication to Phi Tau Sigma."

"The **Phi Tau Sigma Founders' Scholarship** shall be given to a student Member or Member of Phi Tau Sigma whose graduate research has had, or is expected to have, a significant Impact - a practical and meaningful application. The objective of the Founders' Scholarship is to emphasize the importance of original research, carefully selected, to solve vexing problems of the food industry."

"The **Catherine Adams Hutt, Ph.D., RD and Peter Barton Hutt, LL.B., LL.M. Food Regulation Scholarship** shall be given to a student Member of Phi Tau Sigma who has shown exceptional scholastic achievement, a dedication to Phi Tau Sigma, and, very importantly, a strong documentable interest in food regulation as evidenced by course work, research, internships/work experience, and/or other food regulation accomplishments."

Upcoming, with a nomination deadline of April 1

"The **Phi Tau Sigma Outstanding Chapter of the Year Award** shall be given to honor a Chapter of Phi Tau Sigma that has achieved excellence in the areas of research, scholarship, leadership and service. The award comes with a plaque and a \$1000 honorarium to be used by the Chapter to advance distinction in the food science discipline."

Upcoming, with a nomination deadline of April 19

The objective of the **Phi Tau Sigma – AMSA 'Research with Impact' Scholarship** "is to emphasize the importance of original research, carefully selected to solve vexing problems of the meat/food industry. The scholarship shall be given to a student Member or recently graduated Member of the American Meat Science Association whose undergraduate or graduate research has had, or is expected to have, a significant Impact - a practical and meaningful application."

Nomination hints: (From the Editor)

- Read the Criteria carefully. Does the nominee fulfill the criteria?
- Read the Instructions carefully before and after filling out the nomination to be sure all instructions are followed properly, and the information requested is easy to find.
- Feel free to ask questions.
- Don't wait for the deadline to send in the nomination. Early is good.

Program Committee: Promote your presentations at professional meetings to Phi Tau Sigma members

(contributed by Terri Boylston, Ph.D., President Elect and Chair of the Program Committee)

Are you giving a presentation, symposium, or technical session at IFT, IAFP, ACS, the Reciprocal Meat Conference (RMC) of AMSA, Cereals and Grains Association (CGA), or any other Food Science & Technology meeting or conference in 2023? We would like to promote these events in the upcoming Phi Tau Sigma Newsletters to other Phi Tau Sigma members.

Please send your presentation/session information by the deadlines below, or as soon as you have it. (Keep in mind that Newsletter publication dates are one month after the deadline given below):

- IFT: April 1, 2023
- RMC: April 1, 2023
- IAFP: May 1, 2023
- ACS: June 1, 2023 (for Fall ACS meeting)
- CGA: August 1, 2023
- Other conferences/meetings: Please provide information at least 2 months prior to the conference, or as soon as the information is available

Please provide the following information:

- Title of the presentation
- Presenter (and terminal degree and affiliation)
- Authors (with terminal degree and affiliation)
- Presentation Description/Summary
- Meeting or conference
- Date, time and room number of Presentation

Please send the presentation/session information to Dr. Terri Boylston (tboylsto@iastate.edu) and copy Dr. Kathryn L. Kotula (klkotula@msn.com). Thank you for sharing with Phi Tau Sigma members.

Are you contributing to the EMGAM Campaign?

Phi Tau Sigma grows through membership. The Chapters are doing their part through student nomination. Here's your opportunity to participate in growth through the Every Member Get a Member (EMGAM) Campaign for Phi Tau Sigma. To facilitate nominating a colleague or someone you know who should be a member, go to <http://phitausigma.org/membership/> for the nomination form.

The leaders thus far in the EMGAM Campaign are tied between the teams of: Halak Mehta, M.S. (Ph.D. student) and Claire Zoellner, Ph.D.; and Connie Weaver, Ph.D. and Gabriel Davidov Pardo, Ph.D. Be a leader!

Calendar:

->Phi Tau Sigma Scholarship and Awards Schedule:

- November 30: Deadline to submit nominations to the Awards Committee for the Dr. Daryl B. and Mrs. Dawn L. Lund Student 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, the Phi Tau Sigma Founders' Scholarship, and the Food Regulation 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 Elena Castell-Perez, Ph.D., Chair (ecastell@tamu.edu) and Executive Director Kathryn L. Kotula, Ph.D. (klkotula@msn.com). (More information: <http://www.phitausigma.org/awards/>)

->Phi Tau Sigma – AMSA 'Research with Impact' Scholarship Schedule:

- April 19: Deadline to submit nominations for the Phi Tau Sigma – AMSA Research with Impact Scholarship.

Send completed nomination forms to Executive Director Kathryn L. Kotula, Ph.D. (klkotula@msn.com), and the AMSA Youth Programs Manager (scholarships@meatscience.org). (More information: <http://www.phitausigma.org/awards/>)

->January 15: 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/carl-r-fellers-award>)

->Phi Tau Sigma Chapter Schedule:

October 25: 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

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, Lester Schonberger, Ph.D. (hlschon@vt.edu), with a copy to Dr. Kathryn L. Kotula (klkotula@msn.com).

->Election schedule:

December 15: Nominations due to Nomination and Election Committee (Liz Boyle, Ph.D., Chair, lboyle@ksu.edu)

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

May: Newly elected individuals announced to the Membership in the May Phi Tau Sigma Newsletter

->Phi Tau Sigma Annual Meetings and Events: 2023 (dates to be determined)

July: Phi Tau Sigma Awards Ceremony (virtual)

July: Phi Tau Sigma Networking Dinner

->July 16-19, 2023, Institute of Food Technologists Annual Meeting, Chicago, IL

->June 25-28, 2023 - Reciprocal Meat Conference of the AMSA, St. Paul, Minnesota

Phi Tau Sigma Lifetime Tribute – Adam Friedlander, M.S.

Policy Analyst, Coordinated Outbreak Response and Evaluation (CORE) Network, Center for Food Safety and Applied Nutrition (CFSAN) at FDA

Why did you become a Lifetime Member?

Lifetime membership in Phi Tau Sigma represents my dedication to, and appreciation for, the food science and technology community. I am grateful for the Cornell food science faculty who allowed me to conduct research in their labs as a high school student – they helped me recognize that even as a teenager, my input mattered. After my undergraduate degree, I built a network of important mentors who continue to support me in finding my purpose and passion. Through Phi Tau Sigma, I want to help current and future food scientists feel inspired to make a positive impact within our profession and society.



Education:

- B.S. in Food Science and Operations Management and a minor in Music from Cornell University
- M.S. in Regulatory Affairs of Food and Food Industries from Northeastern University

Experience/Accomplishments:

- I currently work for the FDA (views here are my own) but began my career working in the food retail industry. I am focused on investigating foodborne outbreaks and providing subject matter expertise on food traceability initiatives.
- Co-edited the textbook *Food System Transparency: Law, Science and Policy of Food and Agriculture*, wrote two book chapters, and authored over 30 blogs about food safety and technology.
- Former co-chair of the Foodborne Illness Investigation Committee in the Conference for Food Protection (CFP), and former CFP Laws and Regulations Councilmember.
- Former Ambassador with the Partnership for Food Safety Education.

Areas of Expertise:

Food safety, food traceability, data analytics, FSMA

Awards and Honors (selected list):

2022 Most-Viewed Food Protection Trends General Interest Publication Award for a paper I co-authored with Claire Zoellner titled, "Artificial Intelligence Opportunities to Improve Food Safety at Retail". Published in the July-August 2020 edition.

Personal: Family, Interests, Hobbies:

I grew up in a small, rural town outside of Ithaca, NY and spent most of my childhood playing sports and exploring nature. I have been playing guitar for nearly 15 years and had the honor to perform with my college choir at incredible venues like Carnegie Hall, The Kennedy Center, and the Supreme Court of the United States. As a current resident of Washington, D.C., I enjoy riding my bicycle in Rock Creek Park, cooking family meals, and playing on weekend recreational softball teams.

Advice to university students and career food scientists and technologists:

Try to get the best grades you can, but please know that grades do not define your worth as a person or food scientist. I cannot overstate how important it is to treat every person (and our planet) with respect, engage in conversations with people who have opposing viewpoints, ask for help from people you trust, lend a helping hand where you can, hone skills as a communicator, get out of your comfort zone frequently, and always be on the record standing up for what you believe is just. As our profession continues to modernize, we must work together and exchange ideas to ultimately ensure everyone has access to safe, affordable, nutritious, and sustainable food. Please feel free to connect with me on LinkedIn at <https://www.linkedin.com/in/adamfoodsafety/> or email me at afriedlander326@gmail.com if you want to discuss more about food science or life.

Chapter News:

Joint Kick-off Meeting: Phi Tau Sigma U of M and MN-IFT

The University of Minnesota Chapter Phi Tau Sigma – The Honor Society for Food Science and Technology and The Minnesota Section of the Institute of Food Technologists hosted a joint kick-off meeting at the Department of Food Science and Nutrition at the University of Minnesota on September 22th, 2022. The ceremony was organized and headed by the Phi Tau Sigma Chapter President, Priyanshi Chaturvedi, Btech (M.S. student).

The Board of Directors meeting from MN-IFT initiated the event which was followed by a tour of the Joseph J. Warthesen Food Processing Center (pilot plant) led by Dr. Gary Reineccius. Students and industry professionals got an opportunity to connect and network during the social hour. The Department of Food Science and Nutrition turned 50 years old and a mini celebration was observed. A session on "From Field to Film" was hosted by Dr. Srinivas Janaswamy from South Dakota State University about how his team is working towards creating a strong, sustainable, and flexible packaging film that biodegrades quickly and is made from agricultural biomass. The President's Award was presented to Mike Getter, B.S. to recognize his service to the section and profession in an outstanding manner. The section's star volunteers, Lindsay Budin, M.S. and Misen Luu, M.S., were recognized for their contributions and continuous efforts to make the section the best it can be. The event concluded with closing remarks by the section's President, Dr. Muthu Muthukumarappan.

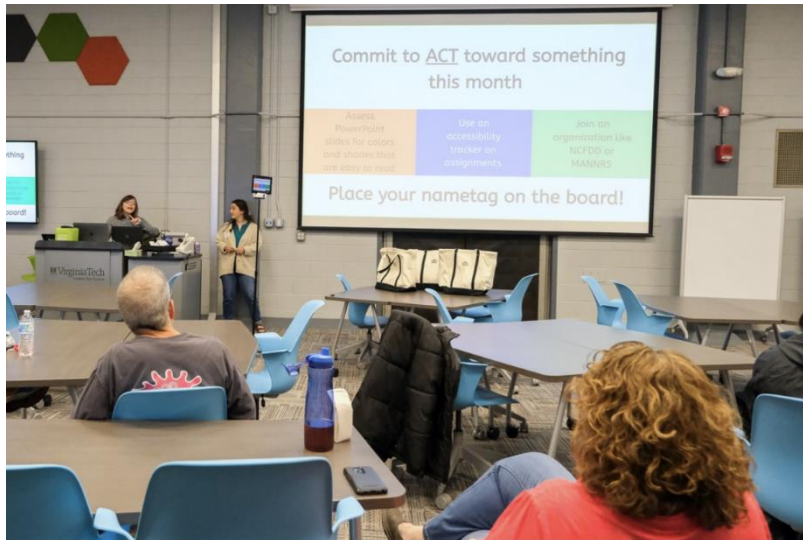




Virginia Tech Chapter

Contributed by Camryn Cook

During the fall 2022 semester, the Virginia Tech Chapter of Phi Tau Sigma co-hosted three community hours alongside the department of food science and technology's diversity and inclusion committee. These community hours provided both undergraduate and graduate students as well as faculty and staff the opportunity to meet new and mingle with old FST friends while partaking in activities aimed at building departmental community, such as board games and icebreakers. We also celebrated departmental diversity, learned how to implement inclusive practices, and shared information about ongoing initiatives on campus. Additionally, Phi Tau Sigma shared information about how to join, ongoing service opportunities and upcoming professional development events.





This year, the Virginia Tech Chapter of Phi Tau Sigma included a new segment on our monthly newsletter, an Alumni Highlight. This feature allowed for alumni members to not only want to stay connected to Phi Tau Sigma, but it gave us the opportunity to commend them on their successes in the field of food science. When reaching out to members to be highlighted, they were thrilled with the opportunity to share what Phi Tau Sigma gave, and continues to give to them.

How/Why I came to be in Food Science/Technology

Yiwen Li, Ph.D. Candidate, Department of Food Science & Technology, University of Georgia



Not having any idea of what I wanted to after my high school as I had a broad interest in Physics, Math, Chemistry and Biology. I was therefore excited to choose Food Science which allowed me to have a taste of all of these.

I became more interested in engineering and nutrition and I hoped to explore more in my next career move. After my B.A., I started my Ph.D. in Dr. Fanbin Kong's lab at the University of Georgia. I was able to cooperate with a biotech company here and gained a unique experience in development of enzymes and microbials supplements. I gained a new perspective on my research which centers around the development of artificial gastrointestinal models as an alternative tool to human and animal testing to investigate food digestion. I asked myself if I can think outside the box and who else will benefit from my research. I

didn't get a clearer answer until I moved to Boston with my husband who started his new career at Harvard Medical School last year. Boston is home to more than 1,000 biotech companies and I saw the value of my research in drug development and delivery. High throughput screening technologies such as the *in vitro* models I developed are continuously improved and need to be implemented in pharmaceutical industry.

Now I am looking for opportunities in pharmaceutical industry. Though I know I will be challenged every single day of this decision, I believe I will also be rewarded just as much.

We are pleased to have started this new series of articles in the Newsletter. Please share your story with us. Contact the Newsletter Editor at: klkotula@msn.com.

Who was Dr. Carl R. Fellers? And what did he do that warrants Phi Tau Sigma to name a very prestigious Award for him? The short answer is that he was phenomenal, multi-faceted, impactful, and caring. Read on...

(Due to multiple requests, we are re-running our series on Dr. Fellers. Thank you for the suggestions.)

Memories of Dr. Carl R. Fellers:

(Contributed by Anthony W. Kotula, Ph.D.) (Re-printed from October 2010)

During the summer of 1953 to the summer of 1954, while studying for my Master of Science Degree, I met Mohamed Zouiel, from Egypt, who was studying for his Ph.D. He was struggling with English and that made his pursuit of that degree all the more difficult. Some thirty years later I was able to visit Mohamed, in Egypt. He was Dean of Agriculture, at the University of Alexandria. When I entered his spacious office, I was struck by the starkness of the walls. The polished wooden walls contained only one picture. At eye level, behind Mohamed's comfortable chair, was the photo of Dr. Carl R. Fellers. The message of what Dr. Fellers meant to Mohamed could not have been made any clearer. Mohamed was extremely grateful to Dr. Fellers, the sentiment which was shared by undergraduate and graduate students alike.



Dr. Carl R. Fellers

We encourage individuals who knew Dr. Fellers to provide us with their memories of Dr. Fellers for this section of the Newsletter.

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. Be sure to include your address. 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.

Send an email to Kantha to let her know to expect your check (kantha@corvusblue.net), and a scan of your check and envelop to Executive Director Kathryn Kotula, Ph.D. (klkotula@msn.com).

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. and Mrs. Dawn L. Lund Student International Scholarship Fund, Phi Tau Sigma Founders' Scholarship, Phi Tau Sigma Chapter of the Year Award, the Phi Tau Sigma – AMSA 'Research with Impact'

Scholarship Fund, the Program Fund, or the General Fund. <http://phitausigma.org/store/>
Scroll down to Donate and click the yellow Donate button.

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, Lester Schonberger, Ph.D. at: hlschon@vt.edu, 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.

Support Phi Tau Sigma through AmazonSmile:

If you shop at Amazon, please register Phi Tau Sigma as your charity through AmazonSmile (<https://smile.amazon.com/>). There is also a mobile app that one can access. Instructions for the mobile app can be found at: <https://www.amazon.com/b?ie=UTF8&node=15576745011>.



The AmazonSmile Foundation will then donate 0.5% of the purchase price of eligible products to Phi Tau Sigma. This may not sound like a lot, but it adds up. Be sure to enter Amazon through AmazonSmile every time you shop (<https://smile.amazon.com/>). **Thank you!**

Editorial: Scholarships and Awards

The deadline for six of our scholarships and one award is February 1. Please review the criteria for this and the other scholarships and awards to determine possible nominees. <http://phitausigma.org/awards/>.

Phi Tau Sigma scholarships and awards are one of the perks of membership.

Questions? Please contact Awards Committee Chair Elena Castell-Perez, Ph.D. (ecastell@tamu.edu), or me (kkotula@msn.com).

About Phi Tau Sigma Communications:

The Phi Tau Sigma Communications Committee includes: Kathryn Kotula, Ph.D., Editor & Chair (kkotula@msn.com); Claire Zoellner, Ph.D., Associate Editor (cez23@cornell.edu); Kathiravan Krishnamurthy, Ph.D., Website Manager, (kathiravan.rps@gmail.com), Anthony W. Kotula, Ph.D., Member News Correspondent; Tianxi Yang, Ph.D., Research Co-Correspondent; Tiantian Lin, Ph.D., Research Co-Correspondent; Lida Rahimi Araghi, M.Sc.(Ph.D. Candidate); Minwei Xu, Ph.D.; Avinash Patel, Ph.D.; Kaavya.Rathnakumar, Ph.D., Chapter News Correspondent; Ashwini Wagh, Ph.D.; Ravi Tadapaneni, Ph.D.;

Samruddhi Jadhav, M.S., Careers Correspondent; Damla Dag, Ph.D.; Sonali Raghunath, M.S. (Ph.D. student), Social media Co-Correspondent; Emine Ozen, M.S. (Ph.D. student); Xinyue Fan, M.S.; Lily Yang, Ph.D., Social media Co-Correspondent; Dajun Yu, Ph.D.; Halak Mehta, Ph.D. student; Shruti Sharma, Ph.D.

Please be responsive to their inquiries for information for the Newsletter, which may also be shared on our social media sites, and our website.

Documents:

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

Phi Tau Sigma Membership Nominations

<http://phitausigma.org/wp-content/uploads/2021/07/Phi-Tau-Sigma-Nomination-2022.doc>

<http://phitausigma.org/wp-content/uploads/2021/07/Phi-Tau-Sigma-Nomination-2022.pdf>

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/>

Sponsors, Donors, and Contributing Partners:

Phi Tau Sigma accepts contributions and has a variety of available sponsorship opportunities, as well as the General fund and Program fund.

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.

Contributions 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://phitausigma.org/store/> Scroll down to Donate and click the yellow Donate button, or by going directly to PayPal

https://www.paypal.com/donate?hosted_button_id=QTA7NUHUEEPP2). Contributions by check (written from a US bank) can be made by sending to our Treasurer: Kantha Shelke, Ph.D., 33 West Ontario, Suite 57F, Chicago, IL 60654. Please write "Sponsorship", "Donation", "Contributing Partner", etc. in the subject line. [A Sponsorship covers the cost of the honorarium and the administrative costs (PayPal, plaque, postage). A Donation covers only the cost of the honorarium. The Contributing Partners program is described below.]

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 monthly Phi Tau Sigma Newsletter. Endowments are also accepted.

Contribution opportunities are available for the 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. and Mrs. Dawn L. Lund Student 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 (on a 'first come' basis), as well as the Program fund (which includes the Phi Tau Sigma Awards Ceremony) and the General fund.

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. (<http://www.phitausigma.org/sponsor/>)

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.
- 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 "Contribution" in the subject line.

2022-2023 Contributing Partners:

Hawkins, Inc. 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 sponsor the Phi Tau Sigma Founders' Scholarship, and to sponsor the new Phi Tau Sigma – AMSA Research with Impact Scholarship and its endowment.)



Food Ingredients Group 

2022-2023 Sponsors and Donors:

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

Dr. Rakesh K. Singh is a Past President of Phi Tau Sigma, a Lifetime Member; and is a Professor and Graduate Coordinator in the Department of Food Science & Technology at the University of Georgia, where he was department head from 2001 to 2020. He is also a Fellow of IFT, Fellow of IAFoST, Fellow of National Academy of Agricultural Sciences of India, and Editor-in-Chief of LWT – Food Science and Technology. (Sponsorship of a Phi Tau Sigma Student Achievement Scholarship.)

The **American Meat Science Association (AMSA)** works to cultivate a global community of professionals and students to discover, apply and communicate meat science and technology. An independent, objective, and credible voice for meat science and technology, AMSA is an organization recognized for its unmatched competence and commitment to attracting and developing meat industry leaders. We are an association that encourages our members' active participation and engagement, welcoming collaborative relationships with other groups and organizations.



Anthony W. Kotula, Ph.D., a Lifetime Member of Phi Tau Sigma, retired in 1992 as a Supervisory Food Technologist after 38 years of service at the Agricultural Research Service, USDA; 25 years of which were as the Leader of the Meat Science Research Laboratory. (Donation towards the endowment for the Phi Tau Sigma-AMSA 'Research with Impact' Scholarship)

Anonymous donation towards the endowment for the Phi Tau Sigma – AMSA 'Research with Impact' Scholarship.

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. (Donation to the General Fund)

William Benjy Mikel, Ph.D., a Phi Tau Sigma past President and a longtime Lifetime Member. (Recurring donation towards the endowment for the Phi Tau Sigma-AMSA 'Research with Impact' Scholarship)

Dr. Mary K. Schmidl is a Lifetime Member, Past President, and currently serves as Director on the Board of Phi Tau Sigma. Mary is also a Past President of the Institute of Food Technologists (IFT), a Past President of the International Union of Food Science and Technology (IUFoST), and Adjunct Professor, Department of Food Science and Nutrition, 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 an Emeritus Morse Alumni Distinguished Teaching Professor of Food Science and Engineering, Department of Food Science and Nutrition, University of Minnesota. Ted has been a member of Phi Tau Sigma since 1962.

Robert Cassens, Ph.D., Professor Emeritus, University of Wisconsin, and long-time member of AMSA; and **Martha Cassens, M.S.**, a long-time member of AMSA, a Lifetime Member and Director of Phi Tau Sigma, and Vice President of Product Innovation, Development & Quality at ACH Food Co. Inc. (Donation in honor of Dr. Anthony Kotula towards the endowment for the Phi Tau Sigma – AMSA 'Research with Impact' Scholarship.)

Claire Zoellner, Ph.D., Food Safety Scientist at iFoodDS, is a Lifetime Member of Phi Tau Sigma and currently serves as the Associate Newsletter Editor, Chair of the Social Media Subcommittee, and the Chair of the ad hoc Student Relations Committee. (Donation towards the Phi Tau Sigma Outstanding Chapter of the Year Award).

Lauren Jackson, Ph.D., Lifetime Member and President of Phi Tau Sigma, is a Supervisory Food Technologist at U.S. FDA. (Donation towards the Dr. Gideon "Guy" Livingston Scholarship and the Phi Tau Sigma Outstanding Chapter of the Year Award.)

Dr. Rodrigo Tarté, a Lifetime Member of Phi Tau Sigma, and current Past President of Phi Tau Sigma, is an Associate Professor of Animal Science and of Food Science & Human Nutrition at Iowa State University. (Donation towards the endowment for the Phi Tau Sigma – AMSA 'Research with Impact' Scholarship.)