**Phi Tau Sigma Newsletter**

**October 2021**

**News:**

**Phi Tau Sigma On Social Media**
(Contributed by Damla Dag, Ph.D., Sonali Raghunath, M.S (Ph.D. Candidate), and Claire Zoellner, Ph.D., Communications Subcommittee)

In an effort to (1) recognize and honor the professional achievements of Phi Tau Sigma, especially our student members, and (2) create more awareness around Phi Tau Sigma and who its members are, the Communications subcommittee has been active on social media platforms. We take content from other Phi Tau Sigma Committees and Newsletter features. If you have news to share, let us know. If you see our posts, share them and interact with the members being featured.

Our website: [http://www.phitausigma.org](http://www.phitausigma.org)
Our LinkedIn page: [https://www.linkedin.com/company/14565458](https://www.linkedin.com/company/14565458)
Our YouTube channel: [https://www.youtube.com/channel/UCXhKd6IpZACIV-YL_y0gytA/](https://www.youtube.com/channel/UCXhKd6IpZACIV-YL_y0gytA/)
Our Facebook page: [https://www.facebook.com/phitausigma](https://www.facebook.com/phitausigma)

**Reminders to Fall Graduates:**

1) Remember to send in your new contact information so we can update our records before your move. We do not want to lose you. Send to Executive Director, Dr. Kathryn L. Kotula klkotula@msn.com your new email address, alternate email address, postal address, company or school, and phone numbers.

2) October 25 is the deadline to order Phi Tau Sigma Honor Cords and lapel pins to ensure delivery before Fall graduation dates.
Chapter Events – Planned and Concluded
(Contributed by Kaavya Rathnakumar, Ph.D., Chapter News Correspondent
Phi Tau Sigma Newsletter)

The Newsletter Committee of the Phi Tau Sigma is looking for updates regarding the
Chapters. We are looking for articles about events you have had, but we also want to
advertise events that you will be having. Upcoming events may include webinars, virtual
events, social luncheons or any other events open to the wider Phi Tau Sigma community.

To meet the Newsletter schedule, provide your articles about upcoming events on or before
the first of the month preceding month of your event. (For example, if your event is in mid
December, and you want it advertised in the December Newsletter issue, then submit the
article on or before November 1. If the event is at the beginning of December, then you will
want to submit it by October 1, so that it can be advertised in the November issue.) Your
Chapter News articles should be about one page, verdana 10 font, single-spaced, with at
least one photo. Upcoming events can be shorter - a paragraph or two. Again, use verdana
10 font, single-spaced, with a photo or logo.

Please send your articles to me at: kaavya rk@gmail.com.
We are looking forward to sharing information about your Chapter with the membership.

Awards Committee:
(Contributed by Lili He, Ph.D., Chair of the Phi Tau Sigma Awards Committee)

Dr. Daryl B. Lund Student International Travel Scholarship – Deadline November 30

The Dr. Daryl B. and Mrs. Dawn L. Lund Student International Travel Scholarship is
presented annually to a student Member of Phi Tau Sigma - The Honor Society of Food
Science and Technology, to supplement international travel for educational purposes. The
scholarship, in the amount of $2,000, is presented to honor the commitment of Dr. Lund,
whose international reputation for outstanding scholarly contributions and inspired
leadership has fostered and facilitated the global advancement of food science and
technology.

Nominees shall be students who are members in good standing during the administrative
year of the nomination, although they may have graduated by the presentation of the
award.

Nomination materials must be submitted to the Chair of the Awards Committee by email by
November 30th (lilihe@foodsci.umass.edu), with a copy to the Executive Director
(klkotula@msn.com). For more information on the nomination process please visit the
Awards section of the Phi Tau Sigma website (http://www.phitausigma.org/awards/).

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.

-> December 18: Deadline to submit Nominations for the Dr. Carl R. Fellers Award, and other IFT Achievement Awards.

**Nominations & Elections Committee:**
(Contributed by Liz Boyle, Ph.D., Chair of the Nominations and Elections Committee)

It is that time of the year to nominate candidates for the 2022 Phi Tau Sigma Elections. The Nominations and Elections Committee has begun canvassing the membership for candidates to serve as the Phi Tau Sigma President-Elect and for Directors with terms beginning on September 1, 2022.

As one can imagine, the nomination and election process is a critical activity for the Society by electing officers that will provide the leadership that will ensure a viable future. The N&E Committee is asking the membership to help identify members that exhibit outstanding leadership skills to take the Society into the future. Any member can nominate an individual and self-nominations are welcomed and encouraged. We need to identify 2 candidates for President-Elect and 6-8 candidates for Director. Potential candidates for President-Elect should also have a keen understanding/background of Phi Tau Sigma since they will be in a leadership role for 3 years, and preferably have prior experience serving as a Phi Tau Sigma committee chair or on the Board of Directors.

Please submit names of Phi Tau Sigma members in good standing for consideration for President-Elect or Director positions to Committee Chair, Liz Boyle at lboyle@ksu.edu. The Committee would like to have nominations by the end of October so the candidates can submit their bios and position statements before the deadline of December 15, 2020.

**Program Committee:**
(Contributed by Lauren Jackson, Ph.D., President Elect and Chair Program Committee)

The Phi Tau Sigma Program Committee is seeking your input for our program for the IFT 2022 Annual Meeting which will be held July 10-13, 2022. The call for session proposals for the IFT 2022 meeting will open in mid-October. We are seeking your help in two areas:  

1. **Session and/or symposia topic ideas.** Are there any hot topics that you would like to see discussed? Is there innovative new research that should be highlighted? Are there young scientists and dynamic speakers who you would like to see present at the meeting? Please send us ideas for any topics that you think we should consider as well as potential speakers for the sessions/symposia (you may volunteer yourself as a potential speaker).

2. **Session/symposia partnerships.** If you are active in IFT divisions, please assist us in establishing partnerships to co-sponsor symposia or sessions. These partnerships maximize our efforts through collaboration with others in our field, and increase visibility for our Society. Our partners benefit from the additional publicity the sessions receive by being included in the Phi Tau Sigma monthly Newsletter.

If you have a are willing to help with either of the above, please contact Dr. Lauren Jackson (Lauren.Jackson@fda.hhs.gov) by **November 15, 2021.**
Phi Tau Sigma at the RMC Career Fair

Phi Tau Sigma had the opportunity to visit with students, academia, and industry personnel at the Reciprocal Meats Conference (RMC) held in Reno, NV in August about becoming members in the Society. Current President Rodrigo Tarte, Ph.D. and Past-president Liz Boyle, Ph.D. staffed a booth at the RMC career fair, interacting with many individuals to discuss the benefits of Phi Tau Sigma.

From the Desk of the Treasurer:
(Contributed by Kantha Shelke, Ph.D., Phi Tau Sigma Treasurer)

Fall promises to be a busy season for all of us at Phi Tau Sigma. New members are learning the ropes as they gear up for their new roles. Those among us on various committees are exploring ways to make Phi Tau Sigma even more meaningful for our members, especially the newcomers, and those transitioning.

In July, which seems like just yesterday, we gathered via Zoom—synchronously and asynchronously—to celebrate students, professionals, and Chapters with honoraria and dedicated plaques from Phi Tau Sigma. We listened and learned from eight unique Scientific Sessions within IFT 2021, all sponsored and co-sponsored by Phi Tau Sigma. Clearly, we inspired many food scientists to want to know more about making a difference.

As we move into a new fiscal year, we have new opportunities to engage members through programming, celebrate their achievements, take on any challenges that help improve their professions, and serve our Society. Please check with fellow Phi Tau Sigma members, and the Newsletter, for information on upcoming programs and committees and how you may be more engaged. Fun and excitement await, and most of all, the opportunity to know that you are doing something to advance the science of food and allied professionals.
Whether you serve on the Board, assist with committee activities, volunteer at an outreach event, attend a monthly meeting, or read the monthly Newsletter, YOU are integral to the overall effectiveness of Phi Tau Sigma. Your volunteering can help bridge various sectors of our scientific Society. Critical to our continued success are having many volunteers and bringing new ideas on what else we can do to help each other.

Please help us build strong relationships and partnerships in the food science community. Volunteer! When we work together, we all succeed!

Know your Leadership:

About Your Phi Tau Sigma Executive Committee:

**Phi Tau Sigma President:** Rodrigo Tarté, Ph.D., a Lifetime Member of Phi Tau Sigma, is Assistant Professor of Meat Science in the Department of Animal Science at Iowa State University, where he also holds a courtesy appointment in the Department of Food Science and Human Nutrition. He holds a Ph.D. in Food Science and Technology and Meat Science, from Iowa State. He joined the ISU faculty in 2015 after nineteen years as a food research and product development scientist in the private sector, most of which was spent at Kraft Foods Inc./Oscar Mayer, the John Morrell Food Group (Smithfield Foods), and Rica Rondo S.A. (Colombia). At ISU he researches the development and application of innovative process and ingredient technologies to improve the sensory and nutritional quality, resource utilization, and safety of further processed meat products. He also teaches courses on introductory meat science and processed meats. He has served as Chair of the Phi Tau Sigma Membership & Qualifications Committee, Chair of the IFT Muscle Foods Division, and member of the Board of Directors of the American Meat Science Association (AMSA), and was the 2013 recipient of the AMSA Meat Processing Award. He currently serves on the editorial board of the journal *Meat Science*.

**Phi Tau Sigma President Elect:** Lauren Jackson, Ph.D., a Lifetime Member of Phi Tau Sigma, is Chief of the Process Engineering Branch at the U.S. Food and Drug Administration (FDA)/Center for Food Safety and Applied Nutrition (CFSAN)/Division of Food Processing Science and Technology (DFPST), located in Bedford Park, IL. She received her B.S. in Food Science from Cornell University and her M.S. and Ph.D., both in Food Science, from the University of Wisconsin-Madison. Her scientific expertise is in the following areas: the effects of processing on food constituents and chemical contaminants, food allergen control, the stability of bioterror agents, and the analysis of chemical contaminants, constituents and allergens in food. Due to Dr. Jackson’s scientific achievements, she won the Young Scientist Award from the American Chemical Society (ACS)/Division of Agricultural and Food Chemistry (AGFD) in 1998, and was elected a Fellow of ACS, IFT and ACS/AGFD in 2016, 2019 and 2021, respectively. She has received
numerous awards during her year tenure at FDA, including the FDA Scientific Achievement/CFSAN Excellence in Laboratory Science Award in 2007. Dr. Jackson is an active member of professional organizations including IFT, ACS, IAFP, and Phi Tau Sigma. Currently, Dr. Jackson serves as a Scientific Editor for the Journal of Food Science and the Journal of Food Protection and as an Associate Editor for Comprehensive Reviews in Food Science and Food Safety. She served as the Chair of Membership and Qualifications Committee of Phi Tau Sigma from 2019-2021.

**Phi Tau Sigma Treasurer:** Kantha Shelke, Ph.D., is a Lifetime Member of Phi Tau Sigma, and is currently a Principal at Corvus Blue LLC, a contract food science and research firm. She holds Master’s degrees in Organic Chemistry and in Food Science and Nutrition, and a Ph.D. in Cereal Chemistry and Technology. An IFT Food Science Communicator, Kantha is the technical editor of PLMA Live! (Private Label Manufacturers Association) and Prepared Foods magazine, holds adjunct/visiting professorship positions at the Johns Hopkins University in Baltimore and at the MCI Management Center in Innsbruck, Austria, and is a member of the Faculty Advisory Boards of Food and Agriculture at McGill University (Montreal, Canada) and Southwest College of Naturopathic Medicine (Tempe, AZ). Her book “Pasta and Noodles: A Global History” was published in August 2016 by Reaktion Press, UK. She is passionate about advancing the understanding of food science, nutrition, food law, and culinary arts with science and sensibility.

**Phi Tau Sigma Assistant Treasurer:** Daryl B. Lund, Ph.D., is a Lifetime Member of Phi Tau Sigma, Past President of IFT (1990-91) and Phi Tau Sigma (2006-07 and 2007-08). He was instrumental in revitalizing Phi Tau Sigma to recognize excellence in our profession. He served as Treasurer of Phi Tau Sigma (2009-2018). Recipient of many awards, Dr. Lund has received the Nicolas Appert Award for lifetime achievement from IFT (2009), the Phi Tau Sigma Special Recognition Award and the Lifetime Achievement Award from the International Congress of Engineering and Food (2011), the Lifetime Achievement Award from IUFoST (2016), and the CALS UW-Madison Distinguished Service Award (2016). He is emeritus professor of food science at the University of Wisconsin-Madison, a Past President of the International Academy of Food Science and Technology (2010-12), and past Editor in Chief of IFT's peer-reviewed journals (2003-2012).

**Phi Tau Sigma Executive Director:** Kathryn L. Kotula, Ph.D., is the founder of Investigative Food Sciences in Storrs, Connecticut. She is a Lifetime Member of Phi Tau Sigma and has been Co-Editor, and now Editor, of the Phi Tau Sigma Newsletter since September 2010. Kathy is the recipient of the Achievement Award of the American Meat Science Association, the Dr. Carl R. Fellers Award of Phi Tau Sigma and IFT, and is a Fellow of IFT. She was the 2014 recipient of the Phi Tau Sigma Special Recognition Award.
Calendar:

**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, Terri Boylston, Ph.D., (tboylsto@iastate.edu), with a copy to Dr. Kathryn L. Kotula (klkotula@msn.com).

**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, 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 Lili He, Ph.D. (lilihe@foodsci.umass.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/)

**December 7:** 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)

**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:
   2022: To be determined

->July 10-13, 2022, Institute of Food Technologists Annual Meeting

->June 12-15, 2022 - Reciprocal Meat Conference of the AMSA, Des Moines, Iowa

Lifetime Member Tribute: Leslie Loehr, B.S.
Graduate Researcher, University of Minnesota Department of Food Science and Nutrition

Why did you become a Lifetime Member?
I became a Lifetime Member of Phi Tau Sigma because I am really passionate about food science and the impact that the work we do as food scientists has in the world. I really enjoy meeting and networking with other people who are also as passionate as I am. Joining the Iowa State Chapter of Phi Tau Sigma was a great experience for me and I learned a lot from our meetings and discussions as well as getting to meet more new people within food science. I am looking forward to continue meeting new people and having more great discussions both here at UMN and in throughout my career as a Lifetime Member of Phi Tau Sigma.

Education:
- Master of Science in Food Science at the University of Minnesota (2020-)
- Bachelor of Science in Food Science (Technology option) at Iowa State University 2016-2020

Experience/Accomplishments:

Certifications:
- HACCP Certified Individual
- FSPCA (PCQI) Certification

Experience:
- Product Development Competitions
  - American Society of Baking Product Development Competition (2020)
  - IFT Mars Wrigley (2019-2020 Team Captain; 2020-2021 Team Member)
  - GPC Ingredient Challenge (February-March 2018: 3rd Place and People’s Choice Awards)

Areas of Expertise:
I am currently a M.S. student under Dr. B. Pam Ismail. My research is focused around food chemistry/analysis to study changes throughout storage of intermediate wheatgrass, a novel agriculturally sustainable food crop.
Personal: Family, Interests, Hobbies:
Outside of school, I really enjoy the outdoors, cooking and baking, playing clarinet, hanging out with friends (COVID allowing), and crafting.

Advice to university students and career food scientists and technologists:
Definitely take advantage of opportunities that can expose you to other disciplines! There are so many different aspects of or related to food science. Being able to communicate with other people who might not have the same background as you is something I have found to be a really good skill.

Careers: Associate Professor of Food Engineering
Contributed by Akinbode A. Adedeji Ph.D., University of Kentucky

Introduction/Background: I obtained a bachelor of food engineering from Africa’s premier food engineering program at Ladoke Akintola University of Technology (LAUTECH), Ogbomoso Nigeria with the 1994/95 set. After completing a compulsory national service where I served with the Nigerian Bottling Company in Ibadan Nigeria, I was hired as a junior faculty by the same department where I had my undergraduate degree. I completed a master of science degree in food technology with 1998/99 cohort from the University of Ibadan, Nigeria’s premier university founded in 1948. I worked as a faculty in Nigeria from 1998 to 2004 mentoring and teaching undergraduate students. I was admitted to the prestigious McGill University Canada in 2004 and started my Ph.D. program in fall 2005 and completed the program in May 2010. I completed two post-doctoral fellowships, one at ONIRIS Nantes Frances and the second at Kansas State University in the extrusion group in Grain Science and Industry Department. I have been privileged to work in four countries and three continents in my short 23-year career. I look forward to the opportunity to work in the food industry one day to experience what it is like to work in a food processing environment beyond my internship experience a couple of years back.

Qualifications:
B.Tech Food Engineering (LAUTECH Nigeria)
M.S. Food Technology (University of Ibadan Nigeria)
Ph.D. in Food Process Engineering (McGill University Canada)
MBA in view (May 2022) (University of Kentucky USA)

Positions:
2020 – Present  Associate Professor, University of Kentucky, KY, USA
2014 – 2020  Assistant Professor, University of Kentucky, KY, USA
2013 - 2014  Research Associate, McGill University, Montreal, Canada
2010 - 2012  Assistant Professor, LAUTECH, Nigeria
2011 - 2011  Post-Doctoral Research Associate, ONIRIS, Nantes, France
2011 – 2013  Post-Doctoral Research Associate, Kansas State University, KS, USA
2005 - 2010  Research Assistant and Lab Manager, McGill University, Canada
Duties: My primary duty in my current position is to lead research that addresses core issues within my field – food sustainability, minimally processed foods, non-destructive food testing with AI applications, alternative grains value-addition, etc.; and to mentor students and scholars through teaching and advising.

Salaries:
University of Kentucky: $84,500 ≤ salary < $100,000
Post-Doctoral Scholar: $40,000 ≤ salary ≤ $45,000

Benefits: Health Insurance; Retirement savings matched up to 10%; wellness programs; reduced tuition for family members – up to 50%.

Conclusion: I have had a fulfilling career in academia, training the next generation of food professionals and making a couple of discoveries. I am hoping to work in the food industry one day to experience both sides.

Websites: https://adedeji-foodengr-res.com; ORCID; Google Scholar Citations; Researchgate Page

Member News:

International experience of 2021 Dr. and Mrs. Lund honoree – Global perspectives during a global pandemic by Renata Carneiro, Ph.D. (vieiracarneiror@appstate.edu)

Since 2005, the Virginia Tech Graduate School has offered to a select and diverse group of graduate students a unique study-abroad opportunity to discuss higher education from a global perspective. The Global Perspectives Program (GPP) developed by Dean Karen DePauw, Ph.D. is intended to better prepare students for future faculty positions and fosters international awareness. In 2020, I was one of the 15 graduate students awarded the scholarship offered by Virginia Tech Graduate School. The group started the Spring semester meeting once a month with the Dean in preparation for the trip that was supposed to happen in May 2020. Then, in March 2020, the COVID-19 pandemic led countries to close their boarders and universities to adopt the remote learning. Due to the unpredicted circumstances, Dean DePauw, who had announced her retirement, decided to stay for another year and postponed our trip to summer 2021, which allowed me to apply for the Dr. Daryl B. & Mrs. Dawn L. Lund Student International Travel Scholarship of Phi Tau Sigma.

Unfortunately, one year later the European countries were still closed for travelers from the U.S. and the dream to visit the European universities had to be cancelled again. Then, instead of just saying “sorry”, our wonderful Dean decided to “bring Switzerland to Blacksburg, VA” and organized a hybrid version of the GPP.

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During the week of May 24-28, 2021 (when we were supposed to be in Europe), our fully-vaccinated GPP group met in person at the Graduate Life Center (GLC) at Virginia Tech and virtually with representatives of several European universities: University of Basel, the Swiss Federal Institute of Technology in Zurich (ETH), the University of Applied Sciences and Arts of Southern Switzerland (SUPSI), and Zurich University of Applied Sciences (ZHAW) in Switzerland, University of Strasbourg in France, and Polytechnic University of Milan (Polimi) in Italy. We also met with Daniela Doninelli, the managing director of the Steger Center for International Scholarship (Virginia Tech’s European center located in Riva San Vitale, Switzerland), who talked about the history of the center, gave us a virtual tour of the facility, and was pleased to share her knowledge about the local Ticino wines.

Every day, we were spoiled with different Swiss chocolates and cookies, unlimited cups of expresso coffee, and an international lunch menu prepared by different local restaurants. As foods and drinks are important part of any international experience, Dean DePauw also treated us to a special Swiss dinner at the Bloom restaurant in Roanoke, VA and our great educational week ended with a Ticino Wine and Cheese Reception in GLC.

Traditionally, all GPP students must choose a topic to reflect about and I chose to approach the “interdisciplinary and individualized programs”. All guests were very open to answer to our questions and share their perspectives about the future of higher education. However, my personal highlights were the meetings we had with Prof. Dr. Antonio Loprieno, President of the Austrian Science Board and former rector of University of Basel, and Prof. Dr. Sarah M. Springman, Rector of ETH, which were absolutely inspiring.

In August 2021, I became a faculty member in the Department of Chemistry and Fermentation Sciences at Appalachian State University (Boone, NC) and I have no doubts the knowledge I gained during the GPP will help me succeed in my new career.
Chapter News: Phi Tau Sigma – Hoosier Chapter at Purdue University – 2020-2021 Activities

The Phi Tau Sigma Hoosier Chapter at Purdue University has continued improving and expanding its activities while remaining highly committed to excellence. We welcomed 12 new members in April where their induction ceremony was scheduled during the Phi Tau Sigma Chapter Annual Luncheon which was converted to a virtual event due to COVID-19 Pandemic. Dr. S. Suzanne Nielsen, 150th Anniversary Professor of Food Science Department, Phi Tau Sigma Advisor was invited as the guest of honor to recognize 18 years of service to Hoosier Chapter of Phi Tau Sigma.

The Chapter organized and carried out one mentoring event for undergraduate students to give them valuable insights to graduate school. Additionally, multiple seminars were planned and organized to provide professional development opportunity to our members. Dr. Curtis Emenhiser, head site of operations at Nestle Development Center (retired now) and Food Science Distinguished Ag Alumni Awardee, was invited to speak on the current trends and progressions in the food industry. The seminar was on the ‘Current Trends in the Food Industry’ which is held virtually. Michelle Egger, MBA, CEO of BIOMILQ, and Paul Castrale, M.S., Product Developer in Conagra Brands were invited to speak on the experience of being a product developer in food industry. Both guest speakers are alumni of Purdue Food Science from the class of 2014. The seminar on “Who wants to be a Product Developer?” was held on a virtual platform. Our members also engaged in volunteering in various committees and panels, especially within the Cereal and Grains Association, The Institute Food Technologists, American Society of Baking, Brewers of Indiana Guild, Purdue Student Food Insecurity Committee, as well as science fairs and other community events around the Purdue community. In the future, the Hoosier Chapter aims to continue organizing and improving upon these events, with special focus on encouraging membership in Phi Tau Sigma, increasing attendance at events, and implementing more service-related activities. We look forward to a successful upcoming year!
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).

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 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, Terri Boylston, Ph.D. at: tboylsto@iastate.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.

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:
The August to early September bright yellow goldenrod flowers that are the harbinger of a new school year have faded. The days are getting shorter. And the tree leaves that were so yellow green and supple in the Spring, then gradually became dark green and leathery, are now starting to turn lovely colors of yellow, orange, and red. Autumn is here, and so is a new school year.

Chapters: As you start your activities, please remember to send us your notices for upcoming events open to the Phi Tau Sigma membership, and your articles of the events you have had. (Remember to send photos.)

December Graduates: Remember to order your Honor Cords and lapel pins by October 25. And send in your new contact information as soon as you have it.

About Phi Tau Sigma Communications:
The Phi Tau Sigma Newsletter Committee includes: Kathryn Kotula, Ph.D., Editor-in-Chief, Chair (kkotula@msn.com); Claire Zoellner, Ph.D., Associate Editor (cez23@cornell.edu); Anthony W. Kotula, Ph.D.; Tianxi Yang, Ph.D., Research Co-Correspondent; Tiantian Lin, Ph.D., Research Co-Correspondent; Samruddhi Jadhav, M.S., Careers Correspondent; Kaavya.Rathnakumar, M.S., Chapter News Correspondent; Diane Schmitt, Ph.D., Member News Correspondent; Ashwini Wagh, Ph.D.; Ravi Tadapaneni, Ph.D.; Damla Dag, M.S. (Ph.D. student), Social media Co-Correspondent; Sonali Raghunath, M.S. (Ph.D. student), Social Media Co-Correspondent

Please be responsive to their inquiries for information for the Newsletter.

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

Phi Tau Sigma Membership Nominations

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://phitasigma.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=QTA7NUHUEPP2). 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. 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 (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.phitasigma.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.phitasigma.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.

**2021-2022 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 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.)  **Hawkins, Inc. is a Silver level Contributing Partner.**

**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. (Contribution to endow the Dr. Daryl B. and Mrs. Dawn L. Lund Student International Travel Scholarship.)  **The Lunds are a Platinum level Contributing Partner.**

**2021-2022 Sponsors and Donors:**

**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)
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. Rakesh K. Singh** is a Past President of Phi Tau Sigma, a Lifetime Member; and is a Professor 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.)

**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)

**Kalsec®** is the leading global producer of natural spice and herb flavor extracts, natural colors, natural food protection solutions, and advanced hop products for the food and beverage industry. Our mission is to capture the best nature has to offer, allowing us to provide creative solutions to those who seek safer, healthier, more flavorful and more attractive foods, beverages and functional ingredients. Operating for more than 60 years as a family-owned company, Kalsec now covers over 70 countries, with headquarters in Kalamazoo, Michigan, and with facilities in the United States, Europe and Asia. For more information, visit [www.kalsec.com](http://www.kalsec.com). (Sponsorship of the Dr. Daryl B. and Mrs. Dawn L. Lund Student International Travel Scholarship.)

**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. Mary K. Schmidl** is a Past President of the Institute of Food Technologists (IFT), a Lifetime Member and a past President of Phi Tau Sigma, the 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.