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The Honor Society of Food Science and Technology

Phi Tau Sigma Newsletter February 2018

News Alerts:

Outstanding Chapter of the Year Award Deadline Approaching

(Contributed by Dr. Poulson Joseph, Awards Committee Chair)

Remember to submit your nominations by **April 1** to the Awards Committee for the Phi Tau Sigma Outstanding Chapter of the Year Award.

The award includes an honorarium of \$1000 and a plaque.

Send completed nomination forms to Poulson Joseph, Ph.D., Awards Committee Chair, at: pjoseph@kalsec.com, with a copy to the Executive Secretary (klkotula@msn.com). Full information can be found at: <http://phitausigma.org/content.php/3-Awards>.

However, a short description is offered below:

"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."

Announcement: New Recognition for Phi Tau Sigma Chapters!

(Contributed by Mary Schmidl, Ph.D., Chapter Affairs Committee Chair)

The Chapters Affairs Committee is pleased to announce the following new recognitions for Chapters of Phi Tau Sigma:

Each year, Phi Tau Sigma Chapters will be recognized for their exemplary volunteer service, excellence in leadership and dedication to the food science and technology profession with the **Chapter of Merit** or **Chapter of Excellence** designation. Details of the criteria are located below, and are posted on the website. The Chapter Affairs Committee Chair and the Executive Secretary of the Phi Tau Sigma will receive the Annual Reports (due no later than August 1 of each year) and the Chapter Affairs Committee



will evaluate annually which Chapters qualify for "Excellence", "Merit" or neither. The decision to the Chapters will be made as soon as possible and an electronic certificate will be sent by the designated individual to the Chapters. Through the Phi Tau Sigma Store, a framed certificate will also be available upon request.

Chapters receiving this recognition will be recognized in the Phi Tau Sigma Newsletter and in the slide presentation during the Phi Tau Sigma and IFT Division Competition Awards Ceremony.

Chapter of Merit and Chapter of Excellence Criteria

Each year, Phi Tau Sigma Chapters are recognized for their exemplary volunteer service, excellence in leadership and dedication to the food science and technology profession with the *Chapter of Merit* or *Chapter of Excellence* designation.

In order to be eligible for a **Chapter of Merit** designation, the following criteria must be met:

- Must successfully nominate at least one new member
- Must have an annual induction ceremony
- Annual Report must be submitted by the deadline (September 1) (Includes activities over that past academic year, current year leadership, list of next year's leadership)
- Chapter should demonstrate continuing education or community service
- Chapter ensures that forwarding contact information (particularly email addresses) is sent by all graduating members, or the Chapter, to the Executive Secretary (National/International level)

In order to be eligible for the **Chapter of Excellence** designation, the following criteria must be met:

- Criteria for *Chapter of Merit* are met
- The Chapter increases in membership by 5% based on current membership
- Chapter activities have good attendance (30% of active members)
- Chapter nominates at least one person for an award or scholarship (does not need to be from Chapter) sponsored by Phi Tau Sigma.
- Provide at least one article for the Phi Tau Sigma Newsletter (may be part of the Annual Report or independent from it).

Upcoming Election – Three areas requiring your vote

1) The election for Phi Tau Sigma Leadership: President Elect and four At- Large Councilors (Directors) will start March 1. You **MUST** be a "member in good standing" (have paid your dues) before February 24 to be able to vote. If you have not paid your dues, follow the instructions in the "Dues Reminder" section below. Your membership status is listed in the cover email of this Newsletter. If you have any questions, feel free to contact Executive Secretary Kathryn L. Kotula, Ph.D. at kkotula@msn.com.

2) Members in Good Standing will be asked to ratify proposed changes to the Phi Tau Sigma Constitution. During the October conference call, the Phi Tau Sigma Executive Committee voted to update the terminology used in the Phi Tau Sigma Constitution and Bylaws to better describe certain members and groups of the current Executive Committee. The new terms were easily substituted without changing the meaning and intent of the documents.

Rationale: The current terms of "At-Large Councilor" and "Executive Secretary", initiated in 1953, need to be updated to be consistent with terms used today. Additionally, it is

important to the people holding these offices to be able to easily explain their importance to supervisors, performance evaluators, and other interested parties.

Description:

a) The term "Director" will replace "At-Large Councilor" and "Alternate At-Large Councilor". The current system of two At-Large Councilors and two Alternate At-Large Councilors being elected each year for 3 year terms, will be replaced with election of four Directors each year for 3 year terms. This will result in a total of twelve (12) Directors, all with staggered terms of office.

b) The term "Executive Director" will replace "Executive Secretary".

c) The term "Executive Committee" which is currently composed of the Officers (President, President Elect, Past President, Executive Secretary, and Treasurer) and the At-Large Councilors will be renamed the "Board of Directors".

d) The term "Officers" will be changed to "Executive Committee" to refer to the President, President Elect, Past President, Executive Director, and Treasurer.

3) As usual, you will have the opportunity to show your interest in membership on one of Phi Tau Sigma's Committees. The opportunities include: Awards, Chapter Affairs, Constitution & By-Laws, Membership & Qualifications, Newsletter, Nominations & Elections, Program, Development, Strategic Relations, Student Relations, Website & Wikipedia, "Building a Science Bridge", and Internship Organization.

Calendar:

->Phi Tau Sigma Awards Schedule:

November 30: Deadline to submit nominations to the Awards Committee for the Dr. Daryl B. Lund International Scholarship.

February 1: Deadline to submit nominations to the Awards Committee for the Phi Tau Sigma Special Recognition Award, the Phi Tau Sigma Student Achievement Scholarship, the Dr. Gideon "Guy" Livingston Scholarship, and the Phi Tau Sigma Founders' Scholarship.

April 1: Deadline to submit nominations to the Awards Committee for the Phi Tau Sigma Outstanding Chapter of the Year Award.

Send completed nomination forms to both Awards Committee Chair Poulson Joseph, Ph.D., (pjoseph@kalsec.com) and Executive Secretary Kathryn L. Kotula, Ph.D. (klkotula@msn.com). (More information: <http://www.phitausigma.org/content.php/3-Awards>)

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

(More information: <http://www.ift.org/membership/awards-and-recognition.aspx>, <http://www.ift.org/Membership/Awards-and-Recognition/Achievement-Awards/Carl-R-Fellers-Award.aspx>)

->Phi Tau Sigma Chapter Schedule:

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 Chapters annual reports

- July 1: Final call for Chapter annual reports
- August 1: Deadline for Chapter annual reports
- November 1: Deadline to order Honor Cords and lapel pins to ensure delivery before Fall graduation dates

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, Dr. Mary Schmidl (mschmidl@umn.edu) with a copy to Dr. Kathryn L. Kotula (klkotula@msn.com).

-> Election schedule:

- December 15: Nominations due to Nomination and Election Committee (Tom Aurand, Ph.D., Chair (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 1: List of candidates will be emailed to the Members for balloting
- March 31: Deadline for casting ballots
- April 8: Deadline for tabulation of ballots
- June 25: Phi Tau Sigma President will present the newly elected individuals to the Membership at the Annual Business Meeting of Phi Tau Sigma

-> July 15-18, 2018, Institute of Food Technologists Annual Meeting, Chicago, IL:

July 15 (Sunday): (times tentative)

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

Lifetime Member Tribute: Christina A. Mireles DeWitt, Ph.D.

Director OSU Seafood Research and Education Center and Associate Professor, Oregon State University

Why did you become a Lifetime Member?

This organization, Phi Tau Sigma, encourages, recognizes and financially supports student research in Food Science and Technology. This is important to me, as I am probably in the position I am in because of opportunities to conduct research as an undergraduate. I felt this was not something that would ever become unimportant to me and therefore becoming a Lifetime Member made sense.



Education:

B.S. Texas A&M, M.S. and Ph.D. Oregon State University in Food Science & Technology

Experience/Accomplishments:

I started out working in the Seafood and Quality Assurance laboratory at Texas A&M as an undergraduate student worker. That experience provided me the opportunity to work as a chemistry technician in a local food testing laboratory, American Microbiological Services, Inc. I then pursued an M.S. degree and was subsequently hired as a Chemistry Operations Supervisor at Silliker Laboratories. I was promoted to Chemistry Operations Manager once I completed my M.S. I later pursued my Ph.D. All of my graduate research was on seafood by-product utilization. However, I was hired by Oklahoma State University to conduct research in meat and dairy by-product utilization and teach food science classes (Food Analysis, Food Chemistry, Dairy Processing Foods, and Introduction to Food Science) in the Department of Animal Science. I spent 10 years at Oklahoma State University. A highlight of my time there was serving on a National Academy's Committee for the Institute of Medicine. The focus of this committee was to develop strategies to inform policy for the reduction of sodium in the U.S. food supply. In 2011, I accepted my current position as the Director of the Oregon State University Seafood Research and Education Center. My research has since been focused on seafood quality, safety and utilization. While serving in this position I have had the opportunity to serve as an instructor and trainer for international seafood workshops organized by the Joint Institute of Food Safety and Nutrition. I currently administer the Seafood HACCP Listserv, which has over 1000 individuals from around the world that participate in discussions focused on seafood safety and quality. I also manage the Seafood Network Information Center, a website that houses critical resources for seafood safety and quality. Finally, I am currently serving as a co-editor-in-chief for the Journal of Aquatic Food Product Technology.

Areas of Expertise:

Seafood and meat quality, safety and by-product utilization. Food Chemistry and Food Analysis.

Awards and Honors (selected list):

Professional: Special Recognition Award, *International Association of Fish Inspectors*, 2017. Award recognizes those who have made a significant and/or extended contribution to the profession.

Research: Tyler Award for Outstanding Faculty, 2010. The **Tyler Award** recognizes professional achievement in research, teaching or public service by faculty members of the Oklahoma State University Department of Animal Science.

Personal: Family, Interests, Hobbies:

I love to fly fish and I love riding the dunes on my fat tire bike with my dog, Rocket.

Advice to university students and career food scientists and technologists:

Do not define yourself by the specialization you have the most affinity or experience with. You are first and foremost a "Food" scientist. This means all food. Your training is designed to give you the flexibility and tools you need to move into any area of food science and technology. Yes, additional learning and experience may be required, but this is something you are capable of doing. My training and research were focused on food chemistry and analysis and seafood. I was, however, not afraid to learn and move into new areas. The experiences I obtained by working outside of my "perceived" field of expertise were not only invaluable, but enriching.

Careers: Scientific Program Manager

(Contributed by: Akhila Vasan, Ph.D., Grocery Manufacturers Association Science and Education Foundation (GMA SEF))

Introduction/Background: Growing up in India, I idolized my grandmother who ground coffee beans every day as she made the first morning cup of coffee! Back then, I did not know that there was a field called Food Science/Food Technology. Fast forward several years, I moved to Stillwater, Oklahoma, and was soon working with pomace from the wine making industry and meat/catfish at the University Innovation Center (FAPC). Soon after I was embracing the cheese culture in Babcock Hall (UW – Madison). All along, I knew that I had made the right career decision. From my first cup of coffee to everything food safety, I was in my happy place! The common thread through all these experiences has been the need to innovate and bring change. My current role at GMA SEF does exactly that. For example, I’m working with GMA Member companies and their subject matter experts to develop foundational eLearning programs for frontline employees on topics such as allergens, which is a source of major concern for the industry. I’m also working with partners to provide basic GMP training to small and medium enterprises in emerging markets. I do not have a typical day at work and this allows me to innovate and bring ideas to life. It is satisfying to know that I’m working with a community of passionate experts to impact the future of food integrity and give back to the global community.



Qualifications: This position requires a Ph.D. in food science, and someone with a keen interest in training and education globally. In addition, the position requires someone who is flexible and can work in a constantly changing environment based on stakeholder needs. Stakeholders could be regulatory, industry, development agencies, academia or contractors. My background (Ph.D. Food Science, M.S Food Science and B.E Chemical Engineering) coupled with exposure to public health, epidemiology and science communication have provided the foundation to be successful in this role. I’m a big picture thinker, and have learned to frequently stop and answer the WIIFM (“What’s in it for me?”) question as I tackle projects and coordinate efforts with various stakeholders, and this has been critical in my role.

Positions: Post-doctoral fellowship at GMA SEF, Global Scholar at PreScouter (supporting micro-consulting projects), Associate Editor at DeGruyter Open, representing GMA SEF in various committees (IUFoST, Seafood HACCP Alliance)

Duties: Every day is different and working at GMA SEF is akin to working in a startup. I’m responsible for business development, project implementation and supporting activities of the foundation. I get my hands dirty and go knee-deep into every stage of the project, from financial/budgeting, legal/contracting, to project implementation. I’ve had an opportunity to contribute to grants and articles on topics ranging from agricultural resilience to food safety capacity building. Currently, I manage food safety programs such as the Food Safety Learning Alliance, Thermal Processing, HACCP, GMPs, Global Markets program (GFSI) and FSMA-based programs, in the US and internationally. The breadth of opportunities, and the ability to create sustainable programs that have a global impact keeps me excited about this role!

Salaries: \$60,000+

Benefits: 401k, Health, Vision, Dental, Life insurance, DC Smartcard travel benefit (\$100 monthly), paid time off, flexible work schedule

Conclusion: Working at GMA SEF gives me immense networking opportunities. It also provides an opportunity to contribute to international development projects run by the Foundation. In the past year, I have travelled to Jamaica, Indonesia, Vietnam and India to develop relationships with our partner institutes and help them establish programs supporting the needs of the region. It is a gratifying experience and I feel I'm doing my bit in supporting the UN Sustainability Development Goals (SDGs). This is a very atypical food science career, but has enabled me to develop strong project management skills, and business acumen. In addition, the Foundation being closely associated with GMA (the trade association) ensures that I'm up to date on regulatory and policy issues, and helps me hone my member service skills.

In Case You Were Wondering... The gift of families (given and found)

(Contributed by Martha E. Cassens, M.S., Lifetime Member of Phi Tau Sigma, and Member of the National Ski Patrol)

The National Ski Patrol is the largest winter education organization in the world. We are a nonprofit organization that provides first aid to injured skiers. The purpose is outdoor recreation and safety.

History:

Charles Minot Dole was born in Massachusetts, learning to ski as a member of the Boy Scouts. Upon turning 18 during World War I, Dole enlisted in the military, where he was given his nickname, "Minnie," due to his youthful appearance. The war ended before he finished basic training. After the war, Dole graduated from Yale and went into the insurance industry.

For New Year's 1936, Dole and his friend Frank Edson took their wives up to Stowe, Vermont. While skiing the Toll Road in the rain, Dole fell and broke his ankle. It took some time to get help and rig up a way to pull him down the mountain on a tin sheet.

Two months later, Frank Edson was killed while skiing in the Quadrangular Race on the Ghost Trail in Pittsfield, Massachusetts. After the loss of his friend, Dole started looking into ski safety. This task proved to be difficult, as many felt safety measures were dastardly, but Dole knew there needed to be a way to build ski safety.

While assisting with a race on the [Nose Dive at Stowe](#) on March 7, 1938, Dole met National Ski Association president Roger Langley and discussed a national ski patrol association. In discussions the following day, Dole agreed to



Martha – far right

serve as chairman of the new National Ski Patrol System. Dole worked tirelessly to develop the organization and its membership.

Prior to the United States declaration of war in World War II, Dole met with United States Army Chief of Staff George Marshall, to discuss creating an American answer to the German and Italian ski troops. Marshall tasked Dole with forming the group, which would be known as the 10th Division upon being activated in 1943. Deployed to Italy in 1944, the Division was renamed the 10th Mountain Division.

[Above from: New England Ski Industry Biographies]

My experience:

I was fortunate that at age 5, my parents taught my brother (age 4) and me how to ski. We joined the local hill in Wisconsin where my father was required to donate time. The Blackhawk Ski club was extremely excited to learn that my father knew how to drive a tractor – thus he became the hill groomer to move around all the manmade snow – so our family could all ski. Dad would go to the hill at 10pm and come home at 2 am and then go to his real University job. I think his skiing passion came from when he and Mom did a sabbatical in Seattle and learned to ski at Mount Hood.

As a sophomore in High School, I decided I wanted to join the National Ski Patrol. I was 16 which is the youngest age that one could join, but I was not old enough to drive. This meant that I needed to convince my mother that she also should try out. Thus the journey started. Mom and I took advanced first aid and CPR during the summer months, then in the fall learned how to apply these skills to ski injuries. It was 4 hours an evening with continued training, practice and critiquing. The final exam came up and they had all ski patrollers as the patients and evaluators – so everyone was grading us. I am happy to say Mom and I passed. Next came the on-hill training (yes, Mom was still driving, but I was going to get my learners permit). The on-hill training was once a week practicing toboggan handling skills, first aid, transfers and ski skills. Together we practiced in all conditions – rain, wind, snow and gale force winds. It was the end of the ski season and the on hill ski test was next.

Mom and I went to Tyrol Basin for our test. It was an extremely cold day and a hill I had not skied much. I was taking a toboggan down the steep section when the tester yelled stop. I put on the breaks, and my legs bounced around for about 3 feet, and I came to a stop – unfortunately my tail rope person lost control on the ice and ended up off the trail. After 8 hours of testing, herringbone and side stepping up the mountain we were going to hear the results. I passed and many people came up to me and said great stop on the hill -With your



facemask we thought you were a guy. Unfortunately, Mom was not so lucky. Her ski came off during a kickturn skill which was an automatic failure. Mom drove home alone with the promise that neighbors would bring me home after the celebration. I felt really bad for Mom and her luck continued to be bad the following winter while walking to a neighbor to practice first aid she fell and broke her ankle. The good news was that 2 years after I passed and could drive, Mom passed her ski patrol test and joined the Wednesday day crew at Devils Head. I would not be a Ski Patroller if it was not for all the support Mom and Dad offered.

I would tell you that some of my best friends are ski patrollers – it is a family organization. I have Ski Patrolled at Blackhawk Ski Club, Tyrol Basin, Devils Head Resort in Wisconsin and Powder Horn and Indian Head in Michigan. I have worked with my friends on many ski accidents over the years. We carefully treated wrists, knees, collar bones and extreme trauma cases. Saturday is the busiest day and we have seen our share of Med Flight and ambulance runs that started with first aid on the hill. The pride comes from helping the most serious cases so that the child/parent wants to ski again. The basic first aid and leadership skills have been invaluable and are used every day. Jim Hubing the Ski Patrol director at Devils Head provided me with the National Ski Patrol Purple Heart award (injured while patrolling) in 2014, because I launched out of my skis and landed on my shoulder breaking the head of the humerus horizontally and vertically.

My ski patrol family has always looked out for me and provided lots of laughs and fun times. Skiing will always be a passion along with providing help to others. This is my 38th year ski patrolling with hopes of skiing many more years.

So one might ask what is a typical day. The Ski Patrol opens the hill by riding the chairlift up first to make sure there are no obstacles, they check toboggans to make sure they are ready to go and they make sure the runs are clear and safe. We carry radios so that when an accident occurs we can call for equipment and other patrollers to help. We patrol the ski slopes.

In the 70's & 80's, we saw a lot of broken ankles due to soft boots, so the industry stiffened the boots causing boot top leg fractures. After more modifications, fractures were reduced and twisted knees became more common. These injury types changed due to the technology in boots and bindings improving. The most common injuries today are knee, thumb, shoulder, and head for skiers. Snow boarder's injuries include ankles, wrists, shoulders and head. When we have a lower leg injury we use a quick splint which is 2 boards with foam on the inside and Velcro to hold the boards together and stabilize the injury. Arm injuries are treated with splints, blankets, and cravats. The key to any injury is to stabilize the area above and below the break or injury site to prevent any further damage. Wearing a helmet is advised and helps as we have seen in many different sports. It is still critical to understand a helmet may prevent lacerations and fractures but does not always prevent concussions. Your brain bouncing around in your head is dangerous and we follow a strict concussion protocol. If we have a head, back or hip injury, we will backboard the injured skier. We transport all patients to the patrol room where we monitor, repack injured site and recommend they seek further medical attention. We will call in Med Flight and/or an ambulance if the injury is life threatening or there is need for immediate advanced medical treatment.

Saturday is the busiest day and we may see 20 injuries a day and over the ski season we treat around 400 skiers. Injuries typically happen when skiers are skiing an area beyond their ability or at the end of the day when people are more



Martha – far right

tired. The type of injury is also dependent on the snow conditions – soft snow causes twisting type injuries, while hard pack snow causes concussions, lacerations or bruising. Snow grooming equipment has also improved making smooth terrain and more snow. First aid radios for communication speeds up response time and ability to get the correct equipment at the correct location. AEDs (automated external defibrillators) are now located at most ski hills, hotels, restaurants and work places.

I am truly thankful to my Mom and Dad – my “given” family - for providing the opportunities and support for me to become involved with National Ski Patrol - my ‘found” family.

Memories of Dr. Carl R. Fellers: (*Used with permission of Phi Tau Sigma Member Dr. John J. Powers)

CARL FELLERS, PINNACLE AND LAST HURRAH By JOHN J. POWERS*
VALE

Excerpts of letters written to Mrs. Fellers upon the passing of Dr. Carl R. Fellers.

I was delighted to learn that a portrait of Carl Fellers will be hung in the Food Technology Building. Dr. Fellers was not only an inspiration to me, but an inexhaustible source of information. His encouragement was a great factor in my college career.

Joel L. Goldschmidt, B.S., 1956.

Since I have been in the frozen food industry, I have done considerable traveling and everywhere I go the influence of Carl Fellers is encountered. All of us who had the opportunity to know him and work under him can only be proud of this association.

Tom Gorden, B.S., 1942.



The Fellers Family: I received a letter from Dr. Roy E. Morse...telling me that steps for the execution of a portrait of Dr. Fellers had been taken. Was I ever happy that at last the University, through the permission of its new President, Mr. John W. Lederle, would give due recognition to a man who deserves so much from that Institution...I want to express my thanks to you, Mrs. Fellers and all the family, for choosing me as one of the pall-bearers at Doc's funeral. I felt I was representing there, actively, the great number of foreign students that all owed so much to him. Dr. Fellers was a great American. If more of your fellow men would use his methods with foreigners, America would have no trouble to be understood abroad. Dr. Fellers gained a lot of close and faithful friends for America. All nationalities, colors and creeds felt at ease with Dr. Fellers. While he was a faithful believer and a good Catholic, he never tried to impose his personal beliefs on anyone, and he worked hard at respecting the belief, customs and racial differences of his foreign students.

Marcel Gagnon, Ph.D., 1957, Director of Research, Alphonse Raymond Limitee, Montreal, Quebec, Canada.

Neither words nor gifts can express my gratitude to him and to his family for all they have meant to me. As a student at the University of Washington, I knew Carl and Jo before they

went to Massachusetts. Through this contact I later had the opportunity to becoming Dr. Fellers' first research assistant and then instructor in the Dept. of Horticultural Manufactures. No other individual has shaped my career as has Dr. Fellers. At a time when individuality is frequently depreciated, when emphasis is on teamwork and group efforts, it is especially appropriate to recognize that nothing can replace individual greatness and individual leadership...Dr. Fellers will be to all of us who were privileged to know him, an example of a great researcher, an outstanding leader and stimulating teacher, and a true Christian friend.

Francis P. Griffiths, Ph.D., 1934, Former Director, USDA Lab., Weslaco, Texas.

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 Renewal Notice at:

www.phitausigma.org/forms.php?do=form&fid=2, and provide the requested profile information which is needed to update our directory of members. Proceed on to pay by PayPal. Once you are successful with your PayPal payment, you will receive a receipt. If you do not receive a receipt, please try again.

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

Mail your check to: **Daryl Lund, Ph.D.** (Do **not** address to Phi Tau Sigma.)

May 1 to October 31: 151 E Reynolds Street, Cottage Grove, WI 53527.

November 1 to April 30: 11815 N 97th Avenue, Sun City, AZ 85351.

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

We also ask each Chapter to send a list of their current, and lapsed, members along with contact information to the Chapter Affairs Committee Chair, Mary Schmidl, Ph.D. at: mschmidl@umn.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, and clicking on the Dues & Supplies tab, or going directly to: <http://www.phitausigma.org/content.php/245-gift-shop> (If you pay your dues through the Society Store, please remember to fill out the Membership Renewal form also: <http://www.phitausigma.org/content.php/143>)

Editorial:

Thoughts from a recent scholarship sponsor, Dr. Rakesh K. Singh:

My donated funds will go toward a Phi Tau Sigma Student Achievement Scholarship. The students inducted into Phi Tau Sigma have excelled in leadership and academic endeavors, and those who get selected for the scholarships are top cadre students. It is a pleasure to support their excellence, recognize their accomplishments and encourage for future success. These students will become future leaders of our profession as a whole and will continue to promote excellence.

About Phi Tau Sigma Communications:

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

The Newsletter Committee particularly wishes to share news from Phi Tau Sigma Members and Chapters. Any items for the monthly Phi Tau Sigma Newsletter should be emailed in Word (97-2003 compatibility mode) to Editor Kathryn L. Kotula, Ph.D. at klkotula@msn.com or Assistant Newsletter Editor Claire Zoellner at cez23@cornell.edu. Write "*Phi Tau Sigma Newsletter*" in the subject line. Please provide the information by the 1st of the month. Thanks.

Documents:

Phi Tau Sigma Documents can be found on our website at: www.phitausigma.org. Be sure to log in to access the attachments/forms.

Phi Tau Sigma Membership Nominations

<http://phitausigma.org/content.php/264-Membership-Nomination>

Phi Tau Sigma Scholarships and Awards Forms

<http://phitausigma.org/content.php/3-Awards>

Phi Tau Sigma Mentorship Program

<http://phitausigma.org/content.php/304-Phi-Tau-Sigma-Mentorship-Program>

Phi Tau Sigma Constitution and By-Laws

<http://www.phitausigma.org/content.php/201-Constitution-and-By-Laws>

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 (www.phitausigma.org/content.php/142-donate). Donations by check can be made by contacting: Treasurer Daryl Lund, Ph.D. (dblund@wisc.edu). Please write "Donation" or "Sponsorship" in the subject line.

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

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

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

Bronze (\$5000)

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

Silver (\$10,000)

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

Gold (\$15,000)

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

Platinum (\$20,000)

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

Diamond (\$25,000)

- Platinum benefits.

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

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

For more information contact the Treasurer, Daryl Lund, Ph.D. (dblund@wisc.edu), or the Executive Secretary, Kathryn L. Kotula, Ph.D. (klkotula@msn.com). Please write "Donation" or "Sponsorship" in the subject line.

2017-2018 Donors and Sponsors:

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 recent 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 fully sponsor a Phi Tau Sigma Student Achievement Scholarship.)



International Food Network, Inc. is a consultancy based in Ithaca, New York that serves the food, beverage and nutrition industry, providing services in the areas of value optimization, corporate development, mergers & acquisitions and divestitures. Peter Salmon is IFN's founder and principal. (Donation to fully support a Phi Tau Sigma Student Achievement Scholarship.)

Dr. Mary K. Schmidl is the President-Elect 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. Daryl and Mrs. Dawn Lund. Dr. Lund is a past President of Phi Tau Sigma, a Lifetime Member, and current Treasurer; and is an Emeritus Professor, University of Wisconsin. (Contribution to sponsor the Dr. Daryl B. Lund Student International Travel 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.

Dr. Rakesh K. Singh is the President-Elect 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 towards a Phi Tau Sigma Achievement Scholarship.)

David K. Park, M.S., Phi Tau Sigma Lifetime Member, is Principal, Food-Defense, LLC, providing expert food safety / process authority / food defense consultation for traditional and novel low acid canned foods (LACF), acidified foods (AF), and refrigerated extended shelf life foods (ESL) for USFDA and USDA-FSIS- inspected products, packaging and processing systems. (Donation towards a Phi Tau Sigma Scholarship.)

Dr. Yaguang (Sunny) Luo, is a Food Scientist with US Department of Agriculture, Agricultural Research Service. Her work focus on food quality and safety of fresh and fresh-cut produce. Dr. Luo currently chairs the IFT's Fruit and Vegetable Product Division, and is the Past President of Chinese American Food Society. (Donation towards a Phi Tau Sigma Scholarship.)