

**IFIPS**

# 2021 Annual Meeting

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March 4, 2021



# **IFTPS Mission Statement**

**IFTPS is an International Organization  
whose Mission is to:**

provide leadership and education for thermal processing specialists to enhance awareness and ensure public health safety by using the knowledge of a diverse membership through communication, networking, research and establishing best practices.

# Our Objectives

## **Knowledge**

- 1. Assure continuity of core knowledge and expertise in thermal processing
- 2. Support the advancement of research in the science of thermal processing

## **Guidance**

- 3. Establish and guide industry best practices and applications

## **Recognition**

- 4. Acknowledge contributions and expertise in the field of thermal processing

## **Strength & Growth**

- 5. Provide global outreach through training and education
- 6. Promote and encourage an active and diverse membership

# IFTPS Board of Directors

- Mark Deniston, Chair
- Scott Cabes, Vice-Chair
- Nate Anderson
- Karen Brown
- Susan Featherstone
- Abdullatif Tay
- Scott Whiteside

# 2020 AGM Minutes

- The Board reviewed the minutes at a meeting held last Wednesday and recommend acceptance of the minutes of the 2020 Annual General Meeting minutes as recorded

# MOTION

- The minutes of the 2020 Annual General Meeting as reviewed by the Board of Directors be accepted as recorded
- Please raise your hand to move the motion
- Please raise your hand to second the motion
- Members in good standing vote using Zoom poll

# Institute Finances

- Scholarship and Tung Award funds continue to remain untouched, collecting interest with the goal of making them self-sustaining.
- Our reserve fund ensures long-term stability for the Institute and provides the financial base necessary to move forward on the objectives in our strategic plan.

# 2019/2020 Fiscal Year

- Reviewed and approved financial report for the fiscal year ending August 31, 2020
  - Operating and Reserve \$ 432,570
  - Scholarship Fund 56,548
  - Tung Award Fund 50,235
  - Net Income 5,356

# Institute Finances

- The annual conference is our major source of income
- Last year we were fortunate to have been able to hold our annual conference before the impact of COVID-19 was felt
- While revenue from these online sessions will help, it will be necessary to use some reserve funds to support our 2020/2021 activities

# Institute Membership

- We continue to have over 400 active members on our roster from around the world

# Board Elections

Terms completed in 2021

- Nate Anderson
- Susan Featherstone

# 2021 Board Elections

- Two positions are open for the term of 2021/2024.
- Standing nominations received by the February 12, 2021 deadline
  - Nate Anderson
  - SusanFeatherstone

# 2021 Board Elections

- Unfortunately, due to changing employer constraints, Nate Anderson has withdrawn his nomination
- As the timeline was too short to reopen nominations for consideration at this meeting, the Board recommends that Nate's position temporarily remain open
- The Board also recommends that Susan Featherstone be reappointed to the Board for a 3-year

# MOTION

- Susan Featherstone be reappointed to a 3-year term on the Board of Directors and that the position held by Nate Anderson remain temporarily open.
- Please raise your hand to move the motion
- Please raise your hand to second the motion
- Members in good standing vote using Zoom poll

# 2022 Board Elections

- Two positions will be open for the term of 2022/2025
  - Mark Deniston
  - Abdullatif Tay
- Nominations are open after this meeting and will close on February 4, 2022.

# Board Elections

- Many of you are new to the Institute
- We currently have a self-nomination format
- Individuals wishing to stand for election submit a short statement outlining their:
  - professional background
  - contributions to IFTPS
  - their thoughts about potential future directions for the institute and how they may contribute to them

# Board Activities

- We are continuing to focus on implementing the Institute's strategic plan
- Exploring new directions for the Institute
- Continuing our Technical Outreach activities
  - Europe
  - Asia
  - Central America

# Guidance Documents

- In progress:
  - Guideline for Acid and Acidified Food Processing
    - Currently in the review process
  - Aseptic Filtration Guidelines
    - Targeting late spring for general membership review

# Future IFTPS Symposia

- We have in the past held a number of symposia as topics of interest have arisen
- With the change to a 3-day annual meeting format the Board proposed in 2019 to holding a focused symposium each September
- Due to COVID constraints the 2020 symposium was postponed

# September Online Symposium

- Again due to COVID restrictions it is unlikely that an in-person meeting will be possible this year; however, if we can we will try to do it
- As a backup, we have begun planning for an online symposium in September 2021
- The topic under consideration is
  - Principles and Practices in the Use of Surrogates in Process Evaluation

# 2021 International Conferences

- We will continue to monitor events and impacts of the pandemic
- At this time we do not plan to hold any international events this year
- We hope to move forward with in-person conferences in 2022

# Annual Meeting Location

- Some of our decision criteria:
  - Reasonable expectation of warm weather
  - Easy walking distance to restaurants – no car rental
  - Cost of meeting rooms and catering
  - Cost of guest rooms
  - Minimize the need to increase registration fees

# 2022 Annual Meeting

- Drury Plaza, San Antonio
- March 1-3, 2022



# 2022 Annual Meeting

- We will continue with a 3-day format
- Conference Program Facilitator – Scott Cabes
- Session Chairs
  - Current Topics in Thermal Processing - TBA
  - In-Container Sterilization - TBA
  - Microbiology – Yuqian Lou
  - Aseptic Processing – Corpus Perez III
  - Thermal Processing and Beyond – Nate Anderson

# Call for Conference Speakers

- A special thanks to all of you who have participated as speakers at our conferences.
- The strength of our conferences depends on you.
- We need all of our members to consider sharing their thoughts at our meetings.
- Please let us know if you would like to make a presentation at future event.

# Technical Committees

- Heat Penetration, Temperature Distribution, Process Calculations, Aseptic Processing and Microbiology
- Members may participate in any or all of the technical committees
- The committees provide an opportunity to exchange information and provide the backbone for development of procedural guidelines

# Technical Committees

- This year we added a separate page for each committee on the website
- Committees have met annually for a short meeting at our Annual Conference
- Last December the committees also met via Zoom
- The Board encourages them continue that effort through the year and to add a technical presentation and Q&A opportunities to your meetings

# Committee Reports

Heat Penetration – Ram Pandit

Temperature Distribution – Arturo Martinez

Process Calculations – Mollye MacNaughton

Aseptic Processing – Corpus Perez III

Microbiology – Yuqian Lou

# IFTPS 2021 Awards

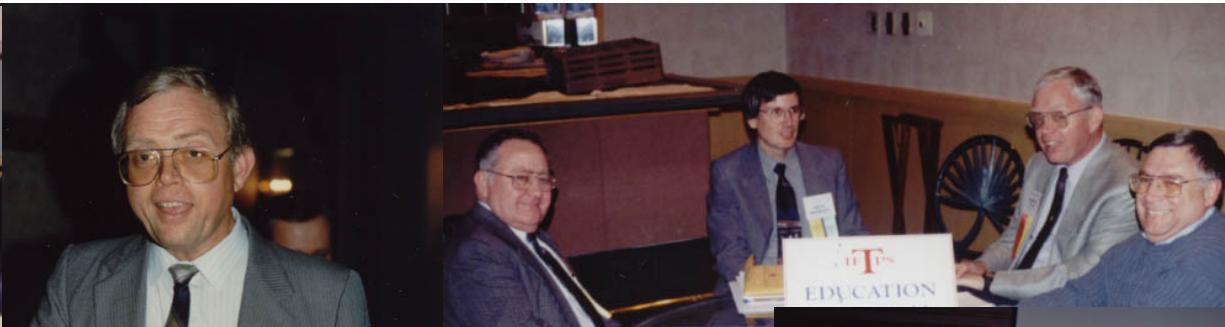
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# Marvin A. Tung Achievement Award

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This award is given in recognition of professional achievement in the areas of “preservation and packaging of foods” and the impact that has had on others in our field.





# Assessment Criteria

- Contributions to the careers of others through teaching and mentoring
- Participation and commitment to the mission and goals of IFTPS
- Contributions to the field of food preservation
- Peer affirmation

# More Information

- There is no fixed date for nominations – submissions will be assessed as received.
- Nominations submitted before November 30, 2021 will be considered for the 2022 Annual Meeting.
- The goal of the award is to recognize worthy individuals and therefore it may not be awarded every year.
- Please take a moment to think about individuals who have impacted your career and consider nominating them for the award.

# Past Recipients

2001	Kailash S. Purohit
2002	Irving J. Pflug
2004	John E. Manson
2005	Art Teixeira
2006	Tom Mulvaney
2007	John Larkin

# Past Recipients

- 2010 Keith Ito
- 2012 Josip Simunovic
- 2014 Swamy Ramaswamy
- 2016 Guido Moruzzi
- 2017 Terry Heyliger
- 2020 Khalid Abdelrahim

# 2021 Marvin A. Tung Achievement Award

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Institute For Thermal Processing Specialists

# **Marvin A. Tung Achievement Award**

*presented to*

## **Margo Pidgeon**

*for outstanding achievement in the preservation and packaging of foods*

2021

# Margo Pidgeon

- Active in IFTPS as a past board member and frequent conference speaker
- Margo earned degrees in engineering and food science at a time when very few women studied engineering
- She has mentored many individuals as they advanced in their careers
- Margo is more likely to talk about the achievements of those she has helped to meet their goals than her many accomplishments

# Margo Pidgeon



# Institute Merit Award

Presented to members that have performed outstanding service and support of the Institute. It is recognition for activities such as: participation as a Program or Committee Chair, conference presentations, development of protocols, or enlisting new members.



# Past Recipients

## 1989

William Pung

## 1990

Betsy Lerch  
Marvin Tung  
Bob Savage  
Terry Titus  
Terry Heyliger  
Dave Park  
Gerald Bee

## 1991

Stuart Redfield

## 1994

Layne Martin  
Art Teixeira  
Paul King  
Roland Blanchett

# Past Recipients

## 1995

Bob Anderson  
Dennis Jackson  
Ian Britt  
Jack Bennett

## 1996

Dick Holmes  
Kai Purohit

## 1997

Fred Phillips  
Rick Kimball

## 1998

Steve Spinak  
Pam Hardt-English

## 1999

Tom Mulvaney

# Past Recipients

**2001**

Rosanne Batema

**2002**

Len Darsey

**2004**

Tim Haley  
Bill Cornelius

**2005**

Brendan McHugh

**2006**

Bob Lane  
Gary Tucker

**2007**

Dave Lesley  
Larry Zechman

**2008**

Swamy Ramaswamy

# Past Recipients

## 2009

David Anderson  
Mark Deniston

## 2010

Susan Barger  
John Larkin  
Kurt Wiese

## 2011

Nate Anderson  
Ferhan Ozadali

## 2012

Ashton Hughes  
Khalid Abdelrahim

## 2013

Dan Brooks  
Bernd Elhaus  
Pete Romano

## 2014

David Bresnahan

# Past Recipients

## □ 2015

Glenn Long  
Margo Pidgeon

## □ 2018

Jacques Bichier  
Margarita Gomez

## □ 2016

George Awuah  
Hanno Geissler  
Brian Thane

## □ 2019

Susan Featherstone  
Russell Morgan

## 2020

Yuqian Lou  
Ana Soares  
Stephen Sylvia

## □ 2017

■ Aakash Khurana  
■ Patricia Ruiz

# 2021 Institute Merit Award

Cuiren Chen



# Student Scholarships

- Awarded annually to students studying food science, food engineering or applied microbiology
  - The Irving J. Pflug undergraduate scholarship in the amount of \$1500
  - IFTPS M.Sc. graduate scholarship in the amount of \$2000
  - IFTPS Ph.D. graduate scholarship in the amount of \$2000

# Student Scholarships

- To increase student awareness about IFTPS, we have arranged for the scholarships to be administered through the IFT Foundation.
- IFT 2021 awards recipients will be announced soon by IFT

# Charles R. Stumbo Student Paper Award

Each year IFTPS invites papers from students presenting researched progress in topics relevant to thermal and/or non-thermal processing of food, pharmaceuticals or biological materials.

# Charles R. Stumbo Student Paper Award

- This year we had 13 submissions
- The student author of the award-winning manuscript receives a cash prize of \$2500 and is recognized as a featured speaker at the Institute's annual meeting.
- First and second runners up receive prizes of \$1500 and \$1000, respectively.

# Our Thanks to the 2021 Jury

Swamy Ramaswamy, Committee Chair

Khalid Abdelrahim

George Awuah

Cuiren Chen

Ashton Hughes

Juming Tang

Nate Anderson

Akhila Vasan

# Third Place

**Yonas Gezahegn, Washington State University**

***Dielectric properties of water relevant to  
microwave-assisted thermal pasteurization  
and sterilization of packaged foods***

# Second Place

**Si Zhu**, North Carolina A&T State University

***A modified apparent position numerical solution method for predicting temperature profiles of canned food exhibiting the straight-line heating during sterilization in retorts***

# First Place

**Kaitlyn Casulli**, Michigan State University

***Modeling inactivation kinetics for Enterococcus faecium on the surface of peanuts during convective dry roasting***

# Passings

# David Park



Sadly, David Park suffered a massive heart attack on the Labor Day Weekend. Dave was a Charter Member, past Board Director, and frequent speaker and contributor to IFTPS Technical Programs.

In his professional career, he worked at the National Canners Association, TechniCAL and FMC Corporation before starting his own company, Food-Defense, LLC, in 2001.

More significantly, Dave was a husband and father, as well as, a friend to many, many of us at IFTPS.

# **Robson Ehioba**



**Robson Ehioba** passed away on March 21, 2020 at the age of 63. Robson was TPA for PepsiCo and a longtime IFTPS member.

# **Richard (Dick) Holmes**



**Richard (Dick) Holmes** passed away on February 15, 2020 at the age of 78. Dick worked for most of his career at Beech-Nut Nutrition in Canajoharie, NY. He was a 1982 Charter Subscriber of the Institute and a Member of the Board of Directors from 1986 to 1992.

# Future Directions

# Ian Britt

- After contributing to the IFTPS as a Committee Chair, Symposium Chair and Board Member before serving 17 years as Executive Director, Ian has decided it is time to pursue new interests
  
- A job description will be posted in the coming weeks as we begin a search for a replacement for Ian

As always please remember this  
is **Your** Institute

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Please share your thoughts with  
Committee Chairs, Board Members or our  
Executive Director

# MOTION TO ADJOURN

- Do you support the motion to adjourn the 2021 Annual General Meeting?
- Please raise your hand to move the motion
- Please raise your hand to second the motion
- Vote using Zoom poll

# Charles Stumbo Student Paper Presentation

**Kaitlyn Casulli**, Michigan State University

*Modeling inactivation kinetics for *Enterococcus faecium* on the surface of peanuts during convective dry roasting*

# Kaitlyn Casulli

## Education

- PhD, Biosystems Engineering, Michigan State University, Dec. 2021
- MS, Biosystems Engineering, Michigan State University, Dec. 2016
- BS, Food Science, North Carolina State University, May 2014

## Other Relevant Experience

- Consultant for risk assessments (sunflower seeds and peanuts) and process validation projects
- Recipient of USDA predoctoral fellowship
- Instructor for Better Process Control School

## Hobbies

- Hiking, ice hockey, golf, home brewing, reading



# Charles Stumbo Student Paper Presentation

Questions for Kaitlyn

## Break

- This concludes the Annual General Meeting
- Regulatory Update and Q&A Session starts at 12:15 EST

