



# 2007 Annual Meeting

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February 22, 2007

Radisson Downtown Market Square

San Antonio, Texas

# IFTPS Mission Statement

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**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

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- 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 25th Anniversary

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- An inaugural conference was held in October of 1981
- IFTPS received its Certificate of Incorporation on July 1, 1982
- Our first official meeting took place in November 1982

# Membership

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- 2005/2006 fiscal year - 341 paid members
- 101 new members since January 2006

# Financial Health

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- IFTPS continues to operate in the black.
- 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.

# 2005/2006 Fiscal Year

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- Reviewed and approved financial report for the fiscal year ending August 31, 2006
  - Operating and Reserve                      \$ 93,580
  - Scholarship Fund                              32,740
  - Tung Award Fund                              32,780
  - 2005/2006 Net Income                      14,400

# Board Activities

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- ❑ The Board held two conference call meetings since last February.
- ❑ Board members met with FDA in November to discuss issues related to process filing.
- ❑ Our current focus is to move forward in implementing the Institute's 5-year strategic plan.
- ❑ Established Awards Committee – chaired by Tim Haley



# Other Conferences

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## □ Special Conference

- *Responsibilities of Processing Specialists in the Commercialization of Alternative Processing Technologies*
- Held October 9th & 10th, 2006 in Raleigh, North Carolina
- Attended by 50 participants
- Most presentations are on the website

## □ European Conference

- October, 2007
- Location - Porto, Portugal or Amsterdam, Netherlands

# Board Elections

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- Two positions were available for the term of 2007/2010
- Two nominations were received by the January 12<sup>th</sup> deadline and were posted on the website.
- Rick Kimball and Pamela Hardt-English are appointed by acclamation.

# Protocols

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- Ready for Distribution
  - Protocolo Para Efectuar Estudios De Penetracion De Calor
  
- Submitted to Protocol Committee for Review
  - Temperature and Heat Distribution Protocol for Processing in Discontinuous Agitating Retorts
  - General Method Calculations
  
- French Translation – in Final Development
  - Protocole Pour La Conduite Des Tests De Distribution De Temperature Dans Les Autoclaves A Ruissellement Et A Pulverisation D'eau Operes En Mode Statique, Y Compris Les Systemes Agites Operes En Mode Statique (cascade-spray water retort protocol) - submitted by Chougner Larbi

# IFTPS 2006 Awards

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# 2006 Marvin A. Tung Achievement Award

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This award is given in recognition of academic, regulatory or industrial achievement in the areas of “preservation and packaging of foods”.



# Past Recipients

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

# 2007 Recipient

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**Dr. John W. Larkin**

Branch Chief

FDA

Summit-Argo, IL



# Irving J. Pflug Undergraduate Scholarship

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- The Irving J. Pflug undergraduate scholarship in the amount of \$1000 will be awarded annually to a student studying food science, food engineering or applied microbiology.
- We are currently developing a plan to increase student awareness of the award.



# Summer Student Sponsorship

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- The Institute sponsors a senior undergraduate summer student to conduct a research project focused on thermal processing science.
- Our goal is to approach Industry to fund an expanded research grant program based on this model.
- This \$5000 grant is available to Institute members currently holding academic research positions.

# Summer Student Sponsorship

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- The successful applicant year is **Tim Durance** at the University of British Columbia.
- The project focuses on development of processes for pouch-packed, late-run salmon filets smoked and in marinades.

# Charles R. Stumbo Student Paper Award

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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

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- 9 The student author of the award-winning manuscript receives a cash prize of \$1000 and is recognized as a featured speaker at the Institute's annual meeting.
- 9 Free conference and symposium registrations and a \$500 travel allowance are also provided.

# Charles R. Stumbo Student Paper

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## First Runner-Up

**Anand Subramanian**, Ohio State University

*Elucidation of mechanism of spore inactivation during thermal and pressure-assisted thermal processing using FT-IR spectroscopy*

## Second Runner-Up

**Yanwen Shao**, McGill University

*Destruction kinetics of Clostridium sporogenes ATCC7955 spores in UHT milk by high pressure combined with elevated temperature*

# Charles R. Stumbo Student Paper

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*2007 Winner*

**Mritunjay Dwivedi**, McGill University

*Convective Heat Transfer Coefficients In Canned  
Liquid/Particle Mixtures Subjected To Axial Agitation  
Processing Using Wireless Sensors*

Co-author: H.S. Ramaswamy

# 2007 Institute Merit Award

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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

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- **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
- **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
- **2001**  
Rosanne Batema
- **2002**  
Len Darsey
- **2004**  
Tim Haley  
Bill Cornelius
- **2005**  
Brendan McHugh
- **2006**  
Bob Lane  
Gary Tucker



# 2007 Institute Merit Awards

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Dave Lesley

Larry Zechman



# Lifetime Membership

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**Gerald Bee**

Original Executive Vice-President

## **Standards of Conduct**

As a member of the Institute for Thermal Processing Specialists, I pledge myself to:

Endeavor to improve my professional knowledge of thermal processing through those means available to me such as conferences, workshops, academic institutions, references and experience exchanges with associates.

Accept my responsibility of complying with appropriate regulations to the best of my knowledge, especially in those areas of activities related to thermal processing on matters where safety of the consumer may be affected.

Issue no false or misleading statements to the public or the industry.

Utilize every opportunity to improve public understanding of the principle of thermal processing and its relation to consumer safety.

Maintain high standards of personal conduct.

Refrain from the dissemination of any malicious information concerning other members of the Institute.

Neither to engage in, nor countenance any exploitation of the Institute, industry or profession.

Abide by the By-Laws and Resolutions of the Institute as established and modified by the Board of Directors.

# Remember this is **Your** Institute

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