



2010 Annual Meeting

March 4, 2010

Drury Plaza Hotel

San Antonio, Texas

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

Institute Finances

- 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.

2008/2009 Fiscal Year

Reviewed and approved financial report for the fiscal year ending August 31, 2009

<input type="checkbox"/> Operating and Reserve	\$ 235,465
<input type="checkbox"/> Scholarship Fund	46,850
<input type="checkbox"/> Tung Award Fund	42,660
<input type="checkbox"/> Net Surplus	42,615

Board Elections

- ❑ Two positions were open for the term of 2010/2013

- ❑ Two nominations were received by the February 6th deadline
 - ❑ Rick Kimball
 - ❑ Pam Hardt-English

- ❑ Pam and Rick reappointed

Board Activities

- We continue to focus on implementation of the Institute's 5-year strategic plan.
- Developing strategies to advance training and research
- Identifying training requirements
- Broaden Institute profile

Professional Practice In Thermal Processing

- A working session was held June 25 - 26, 2009 at the Four Points by Sheraton, Chicago O'Hare Airport.
- Under the guidance of a professional facilitator, we addressed two objectives:
 - 1) to create the basis of a draft document outlining the education and training associated with practicing as a Process Authority, and
 - 2) to establish, for membership approval, the criteria to become a Professional Member of IFTPS.

Professional Practice In Thermal Processing

- Our goal was to achieve two outcomes:
 - 1) without proceeding to the stage of offering certification allow the Institute to establish recognized criteria for the designation, Process Authority, as defined by a broad cross-section of individuals working in the profession.
 - 2) establish criteria to recognize Professional Members of the Institute to potentially establish classes of membership based on professional merit and responsibilities.

Professional Practice In Thermal Processing

- The Board and several other members met on Monday (March 1) to continue this discussion
- The result was a proposed IFTPS definition of a Process Authority
- This will be distributed for comments to the participants from the Chicago meeting and then to the general membership

Guidance Documents

- Historically
 - Initiated by a Technical Committee
 - Championed by an individual or small group
 - Reviewed by the membership
- Recently implemented
 - Developed in cooperation with the Documents Committee

Guidance Documents

- ❑ IFTPS has published a variety of documents including validation protocols, Symposium/Workshop proceedings, etc. A disciplined and defined approach to handle current and new documents was identified by the IFTPS Board as a priority.
- ❑ The “Protocols Committee” has been renamed the “Document Committee” to recognize that documents other than protocols are published by IFTPS.
- ❑ Two members of the Board serve as co-chairs of the Document Committee; currently Rosanne Batema and Pam Hardt-English.
- ❑ Document Committee submitted to the Board a process for document development, tracking and update.
- ❑ The Document Committee Process (includes flow chart) will be communicated to Committee leadership and posted in the members section of the Website.

Guidance Documents

- A numbering system will be used –
 - Three (3) categories of documents are defined.
 - Best Practices Guideline – G
 - White Paper – WP
 - Symposium Proceedings – SP
 - Within each category, individual documents are uniquely numbered with an appropriate category designation followed by a number and version.
 - For example, G-001.V1. Temperature distribution protocol for processing in steam still retorts, excluding crateless retorts; Issued November 30, 1992
- All Best Practices Guidelines and White Papers will be reviewed every 5 years. The review will be done by 3-5 other individuals identified by the Document Committee.
- New Best Practices Guidelines are developed for “mature” processes – not new or novel.

Guidance Documents

- While not developed in detail at this time, the format of documents should be standardized. At a minimum, the following sections should be included:
 - Objective/Rationale and Scope
 - References
 - Authorship

Three-Year Pilot Project

- We recognize general lack of research and training in the area of thermal processing
- The University of Guelph offers a non-thesis masters degree in Food Safety and Quality Assurance (FSQA)
- Part of that program is completion of a one semester research project

Three-Year Pilot Project

- Ian proposes to work with the students for two weeks at the beginning of the term to teach them the basic concepts of thermal processing and undertake hands-on tutorials focused on operating the equipment, data acquisition and data analyses.
- Then be available in an advisory capacity for the remainder of the semester.

Three-Year Pilot Project

- IFTPS will supplement their tuition and provide some funds for research expenses.
- The objective of this undertaking would be have two or three students per year undertake a research project focused on thermal processing.

2010 Priorities

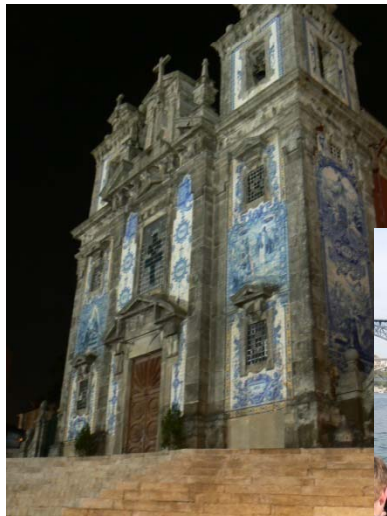
- Begin to compile a web accessible collection of thermal processing manuscripts
- Revamp website

Institute Membership

- We currently have over 400 members on our roster
- Including 68 new members in 2008 and 28 so far this year

2nd European Conference

- ❑ October 27, 28 and 29, 2009 in Porto, Portugal
- ❑ Mercure Porto Centro Hotel



IFTPS 2010 Awards

Marvin A. Tung Achievement Award

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



Past Recipients

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

Assessment Criteria

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

Marvin A. Tung Achievement Award Recipient for 2010

Keith A. Ito

Director

University of California Laboratory for
Research in Food Preservation (UCLRFP)

2010 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
- **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**
Dave Lesley
Larry Zechman
- **2008**
Swamy Ramaswamy
- **2009**
David Anderson
Mark Deniston

2010 Institute Merit Awards

Susan Barger

John Larkin

Kurt Wiese



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 and they will be awarded later this spring.

Student Scholarships

□ 2009/2010 Awards

- The Irving J. Pflug undergraduate scholarship
Susan Hammons, University of Nebraska-Lincoln
- IFTPS graduate scholarships
Suxuan Xu, University of Georgia
Kathryn Cook, University of Madison-Wisconsin

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

- 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.
- 9 First and second runners up receive prizes of \$500 and \$250, respectively and free conference registration.
- 9 This year we had 8 submissions

Charles R. Stumbo Student Paper

Second Place

Yanwen Shao, McGill University

High pressure destruction kinetics of pressure resistant Clostridium botulinum spores (Group I strain PA9508B) in milk at elevated temperatures

Third Place

Hussein Hassan, McGill University

Heat Resistance of G. stearothermophilus and C. sporogenes in carrot and meat alginate

Charles R. Stumbo Student Paper

2010 Winner

Gaurav Ghai, University of Florida

*Measuring and predicting in-package
pressure profiles during retorting of
thermally processed food products*

Committee Reports

Heat Penetration - Dave Anderson

Temperature Distribution - Sue Barger

Process Calculations - Chris Balestrini

Aseptic – Nate Anderson

Microbiology – Glenn Black

Documents – Rosanne Batema

IFTPS 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.

IFTPS Standards of Conduct

- ❑ 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.

IFTPS Standards of Conduct

- 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.

2011 Annual Meeting

- San Antonio **March 1-4, 2011**
- Annual Conference
 - Chair: Khalid Abdelrahim, Campbell Soup Company
- Symposium
 - *Acid and Acidified Foods*
 - Chair: Glenn Black, GMA
- Aseptic Processing Symposium
 - Chair: Nate Anderson, FDA

Remember this is **Your** Institute

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