

IFT STUDENT ASSOCIATION/ PHI TAU SIGMA/PROCTER & GAMBLE GRADUATE PAPER COMPETITION PROCEDURES AND RULES

Purpose

1. To provide recognition to graduate students presenting outstanding research papers at the Annual Meeting of the Institute of Food Technologists.
2. To encourage improvement in the quality of graduate research papers presented at the Annual Meeting.

Eligibility

1. All graduate students who are IFT Student Association members as of December 31, and have not graduated earlier than one year before the deadline for **entering** an abstract in the Graduate Research Paper Competition.
2. The student entering the competition must be the principal author of the paper. The entrant's name must be listed first and capitalized to denote the student as the speaker.

All

research must have been completed while the entrant was a graduate student.

3. A student may submit only one paper in the competition in any one year.

Scope of the Subject

A research paper by the student in any subject related to food science and technology which can be grouped under one or more of the classifications described in these procedures and rules (Abstract judging: Subsection 1).

Time and Place of the Competition

1. The competition is divided into three phases: Abstract Judging, Written Research Summary (WRS) Judging, and Oral Presentation Judging.
2. The Abstract Judging and the Written Research Summary Judging will be conducted by mail from December through May of each year.
3. The Oral Presentation Judging will be conducted at a special judging session held at the IFT Annual Meeting.

Awards

1. Each of the five or six finalists will receive a certificate. Only the student responsible for the research will receive the certificate.
2. Each of the five or six finalists will receive a \$500 travel grant furnished by Procter & Gamble prior to the meeting and will be invited to the Phi Tau Sigma award breakfast as the guests of Phi Tau Sigma. At the breakfast Procter & Gamble will also present awards of \$1,000, \$750, and \$500 to the students having the three best papers.
3. These three top award winners will be highlighted in *Food Technology*.

GRADUATE PAPER COMPETITION

PROCEDURES AND RULES Continued

Initial Entry

1. Initial entry to the competition will be the same as that required for any paper presented at the Annual Meeting of IFT. Persons interested in entering the competition MUST submit the official Annual Meeting abstract form in compliance with all the procedures and deadlines specified each year by the IFT Technical Presentations Subcommittee.

2. Students who wish to enter the Graduate Research Paper Competition must indicate their intention to enter by checking the appropriate box on the abstract form. Abstracts without this box checked, or late entries will not be accepted for the competition. An intent

to enter the competition is not binding on the student to continue in the written and oral phase.

4. The IFT Technical Presentations Subcommittee requires each person to choose the "Area of Food Science and Technology" into which the submitted abstract is best categorized. Examples of these areas are printed in the official instructions for preparation

of abstracts. Use only those examples given by the IFT Technical Presentations Subcommittee.

5. The IFT Technical Presentations Subcommittee reviews and evaluates all abstracts submitted for presentation at the Annual Meeting during mid-January. This is done for every abstract, whether entered in the competition or not. No special treatment will be offered the competition entrants at this stage. All abstracts accepted by the IFT Technical

Presentations Subcommittee will be assigned to one of the many sessions to be held at the

Annual Meeting. All abstracts accepted by the IFT Technical Presentations Subcommittee

will be presented on the Annual Meeting Program, irrespective of the outcome of subsequent selection stages in the competition.

6. A student's paper must be accepted by the IFT Technical Presentations Subcommittee to be eligible to compete in the Graduate Research Paper Competition. Authors of rejected entries will be notified at this time and will not be able to continue in the

competition regardless of the outcome of the abstract judging.

7. The abstract judging step (next section) will not be used if there are twenty-five or fewer abstracts entered in the competition. In this case the competition will proceed directly

to the Written Research Summary judging step.

Abstract Judging

1. If there are more than twenty-five entrants, each abstract will be assigned to one of the following classifications:

Biotechnology

Food Chemistry & Biochemistry

Food Engineering & Processing

Food Microbiology

Food Product Development

Food Toxicology

Foodservice

Nutritional Evaluation

Nutraceuticals and Functional Foods

Quality Assurance

Sensory Evaluation
Storage Stability/Food Packaging

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PROCEDURES AND RULES Continued

Assignment to one particular classification will be at the discretion of the competition Chair, and the decision shall be final. The entrant's abstracts will be evaluated for adherence to the "IFT Guidelines and Regulations" which are described explicitly in the "Instructions for Preparation of Abstracts" on the IFT Website at WWW.IFT.ORG

The Graduate Research Paper Competition Chair has the right to combine categories if fewer than five (5) entries are entered in any one category and/or to add new

categories based on content of abstracts received. There must be a minimum of five (5) entries in each category.

2. A panel of three judges for each classification above will be selected by the Graduate Research Paper Competition Chair (with the advice and concurrence of the three Student

Association President - past, present and elect and the Division Technical Presentation Representatives). Each panelist must be a Professional Member of IFT; have major research interest in the assigned classification; and be industry-affiliated whenever possible. One person on each panel should be designated as the panel Chair. The function and duty of the panel Chair is described in the next section.

3. The Abstract Judging phase will proceed simultaneously with the IFT Technical Presentations Subcommittee review for acceptance on the Program. Abstracts will be sent

to the panelists by **December 10**. The abstracts will be evaluated by each judge using criteria described in the Abstract Judging Suggestions. Each panel Chair (not competition

Chair) will collect the completed scores for each abstract from each of the judges of a particular classification. The sum of the three judges' scores will be calculated and abstracts in that classification will be ranked from best to worst. Tied ranking will be broken

by the panel. The final ranked abstract list for each classification will then be returned to the Graduate Research Paper Competition Chair by each panel Chair by **January 15**.

4. A total of at least twenty, but no more than twenty-five of the top ranked abstracts will be chosen by the Competition Chair.

The number selected from each classification is determined by the ratio of twenty to the total number of accepted abstracts in the competition. For example, if fifty-seven abstracts were accepted, the ratio would be 20:57 which rounds off to 1/3. Thus the Graduate Research Paper Competition Chair should select the top one-third of the abstracts in each classification, which should yield the necessary twenty to twenty-five. These students will be informed of their acceptance by **February 1**, or as soon as the Technical Presentations Subcommittee confirms which papers have been accepted.

5. Students accepted will be required to reconfirm their intent to continue in the competition no later than **March 1**. Failure to send written confirmation to the competition

Chair by that date will result in automatic forfeiture, and the author of the next highest ranked abstract in that classification will be asked to compete. If all abstracts in a particular

classification have been asked to enter the competition, then there will be no further replacement for the forfeited position, which might result in fewer than the minimum of twenty.

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PROCEDURES AND RULES Continued

Written Research Summary (WRS) Judging

1. Reconfirmed entrants (semi-finalists), will be required to submit five, complete, copies of the WRS to the competition Chair no later than **April 1**.
2. Concurrently, the competition Chair will send a list of semi-finalists to the IFT office. The students' names will be checked for verification that they are current Student Members of IFT.
3. The Written Research Summary submitted at the semi-finalist stage **is not to exceed three typed, double-spaced pages**. Graphs and figures may or may not be included, but if present must be at least 3 1/4" X 2 3/4" and must be within the three-page limit. The WRS will be typed, double-spaced, on one side only of 8 1/2" X 11" unlined paper. Leave at least one-inch margins at the top and the left of each page, and at least 1/2-inch margins at the right and bottom of each page. The first page should be headed with the complete title. All subsequent pages should be numbered consecutively, with an abbreviated (two or three words) version of the title only within 3/4 inch of the top of each page. Five copies of the WRS are required, as well as one self-addressed postcard.
4. Each WRS must include a separate title page. The title page should contain the following information:
 - a. Name(s) of the author(s) -- student's name first and underlined.
 - b. University affiliation, university address, advisor's name and a telephone number at which the student (or advisor) can be contacted during the day
 - c. Title of the paper (the same title as the abstract). In parentheses include the brief (two or three word) version of the title to be used to head the pages of the text.
5. All WRS's should be subdivided as follows: Introduction; Materials and Methods; Results and Discussion; Conclusions. References may or may not be included. Each submitted copy of the WRS should contain a full title.
6. The competition Chair will complete the "Adherence to Guidelines" portion of each submitted WRS, and send a complete set of WRS's to each member of the Phi Tau Sigma (PTS) judging panel. This panel will consist of not less than three and not more than five judges selected by the PTS Award Chair. The title page will be included only with the set of WRS's going to the PTS liaison. Each judge will read and assign point values to each of the WRS's as outlined in the Written Research Summary Judging Suggestions.
7. Based on the judges' scoring, five to six papers will be chosen by the Phi Tau Sigma liaison as finalists in the oral competition. Students will be notified about the outcome of the WRS judging by the Graduate Research Paper Competition Chair by **May 8**. The five or six finalists will be asked to phone or fax the competition Chair with their intent to continue in the oral competition.
8. When all confirmations to continue are received, Procter & Gamble will send the \$500 travel grants to each finalist.

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PROCEDURES AND RULES Continued

Judging the Oral Presentations

1. The five or six finalists will be eligible to participate in the oral presentation judging, which will be held as a special judging session at the IFT Annual Meeting. Because the papers are also presented on the Annual Meeting Program, finalists will be required to provide a second set of slides for this judging session.
2. The student entrant must present the paper to receive an award, other than the certificate.
3. A panel of at least three to five judges selected by Phi Tau Sigma (preferably consisting of the same judges that marked the Written Research Summaries) will listen to each presentation and score them as described in the Oral Presentation Judging Guidelines. The content of the oral presentation must closely parallel that of the Written Research Summary. Points will be deducted for substantial deviations (especially in the data and/or conclusions).
4. The best three papers presented will be chosen to receive monetary awards as described on page two.
5. In the event of a tie, the judges, in consultation and with the moderator present, shall make a decision to break the tie.