



**Kansas City, Missouri**

June 24-27, 2018

**CALL FOR ABSTRACTS**

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## OVERVIEW

The American Meat Science Association (AMSA) invites the submission of original research and abstracts on any aspect of the meat science discipline for presentation at AMSA's 2018 Reciprocal Meat Conference (RMC) in Kansas City, MO.

## 2018 RMC PROGRAM CATEGORIES

In 2018, RMC programming will focus on the following general areas within the meat science discipline. Abstract submissions should fit into one or more of these categories.

- Animal Welfare
- Consumer Topics
- Environment, Production Systems
- Meat and Poultry Quality and Composition - Measurement and Prediction
- Meat and Poultry Processing, Ingredient Technology and Packaging
- Meat and Poultry Quality
- Meat and Poultry Safety
- Education and Extension Tools
- Muscle and Lipid Biology and Biochemistry
- Technical Summaries
- Undergraduate Research Competition

If further clarification is required regarding program categories, please contact the RMC program abstract committee chair.

## ABSTRACT PRESENTATION FORMATS

### EPOSTER

Electronic Poster presentations will be on display beginning the afternoon of Sunday, June 24. All ePoster presenters are expected to be present at their ePosters during their specified time. Complete guidelines for ePoster presentations are on page 7.

## DATES AND DEADLINES

<b>11/16/2017</b>	Call for Abstracts opens – submission system online
<b>02/22/2018</b>	Intents for Research Competitions Due (Graduate and Undergraduate)
<b>04/03/2018, 11:59 p.m. Central Daylight Time</b>	Call for Abstracts ends – submission system closes
<b>5/07/2018</b>	Presenters notified of status of submission.
<b>5/14/2018</b>	Deadline for all presenters to register for RMC.

## PRESENTER ABSTRACT SUBMISSION FEE

**New for the 2018 RMC, AMSA will now be charging a \$50 (USD) abstract submission fee.** This fee is charged per abstract. This submission fee is nonrefundable and will be due at the time you submit your RMC abstract online.

Kindly note that all payments have to be made in US Dollars by credit card (EuroCard/MasterCard, Visa, American Express). All costs must be done by the ordering customer and free of charge for the receiver account on all payments. Other methods of payment (personal checks or bank transfer) cannot be accepted.

Please note online payment by credit cards require “3D secure” identification (authenticated payment system that offers added security for online purchases). During payment, the bank checks the card holder’s identity before validating transaction. To validate the payment, the abstract submitter will be asked to:

- Enter his/her date of birth
- Enter a code received by SMS
- Answer a secret question, etc

## PRESENTER INFORMATION AND REIMBURSEMENT POLICY

AMSA is mindful and appreciative of the work, dedication, and expertise required to prepare presentations. Without these shared experiences from all AMSA members, the RMC would not be a success. AMSA does not reimburse abstract presenters for travel, hotel, registration fees or other additional expenses incurred during the 2018 RMC.

## ABSTRACT SUBMISSION GUIDELINES

**Submission Deadline: April 3, 2018 by 11:59 pm Central Daylight Time**

**Acceptance/rejection date: May 7, 2018**

Individuals are encouraged to present timely papers by ePoster presentation at AMSA’s 2018 RMC by submitting an abstract for review. Additionally, the graduate student and undergraduate research competitions are a part of this submission process.

The abstract must be submitted to AMSA Headquarters, no later than 11:59 p.m. Central Daylight Time, April 3, 2018. The submission for the abstract (3,500 keystrokes limit) must be made via the RMC web site.

<http://www.meatscience.org/rmc>.

**THE FOLLOWING INFORMATION IS REQUIRED TO SUBMIT AN ABSTRACT:** Full name, Institution/Company, Address, Zip Code, City, State, Country, Telephone, and E-mail of the presenting author.

Space limitations allow a maximum of 3,500 keystrokes (including characters, spaces, and punctuation). Keystroke count begins at the title and ends with the last word or end of a table if one is included. The authors’ details, keywords and conflict of interest are not included in the keystroke count. Abstracts that exceed the keystroke limit will be rejected automatically by the abstract submission system. Abstracts must be written in English and should be explicit, precise, informative and well documented. ***Abstracts must contain an objective statement, materials and methods, results with statistical interpretation, and a conclusion statement.*** If animal or human subjects

were used in your project, you will be asked to provide the protocol number in your online abstract submission. There is a limit of one (1) table per abstract and the minimum requirement for the table is 2 rows and 2 columns. Tables should not contain more than 15 rows or 8 columns. The quality of an abstract for presentation is a direct reflection on the image of the author(s), and AMSA.

## TECHNICAL SUMMARY SUBMISSION GUIDELINES

**Submission Deadline: April 3, 2018 by 11:59 pm Central Daylight Time**

**Acceptance/rejection date: May 7, 2018**

Technical summaries are designed to provide non-academic professional members with an additional opportunity for dialogue and discussion about specific, individual scientific topics affecting the meat and poultry industry. Technical, non-sales/marketing summaries are to be submitted and reviewed by the American Meat Science Association's (AMSA) RMC Abstracts Committee members and AMSA staff. Once approved, the ePoster will be presented by one of the contributing authors. Summaries are selected on technical merit and should include data to support hypothesis or conclusions. Research reviews on previously published works can also be submitted as a technical summary. If you would like to submit a summary that does not fit one of the categories or if you have questions, please contact AMSA at [information@meatscience.org](mailto:information@meatscience.org).

*Technical summaries will not be published in AMSA Meat and Muscle Biology journal publication but will be made available to meeting attendees in the 2018 RMC smartphone app and RMC proceedings.*

Technical Summaries descriptions will be accepted in the following categories:

- Sustainability;
- New Technologies (Packaging, Processing, Information Collection, Instrumentation, etc.); and
- Food Safety Interventions, Analytics and Ingredients.

Individuals are encouraged to present timely scientific summaries in an ePoster presentation format at the 2018 AMSA RMC. Presentation material will only be considered for the 2018 RMC by submitting a summary for review. These summaries are not intended to be part of any student ePoster competition at RMC and are not open to academic members, including students.

## ABSTRACT AND TECHNICAL SUMMARY SELECTION CRITERIA

AMSA reserves the right to select or reject abstracts submitted for review to the RMC program planning committee based on quality factors including, but not limited to scientific merit and relevancy to the meat science industry.

## METHOD OF PRESENTATION

### EPOSTER PRESENTATIONS

- An electronic ePoster board will be provided to each presenter. Presenters will be given a designated time to be at their assigned electronic ePoster board. **Please design per the guidelines listed below.**

- ePoster presentations, will take place Monday and Tuesday afternoon during the reciprocation session at the 71<sup>st</sup> RMC. More information on designated times will be sent out in May 2018.

#### ABSTRACT AND TECHNICAL SUMMARY REVISIONS

**Changes are not permitted after the submission deadline, 11:59 pm Central Daylight Time, April 3, 2018.**

Revisions to submitted abstracts are possible if completed **prior** to the deadline of submissions. **ACCESS WILL NOT BE GRANTED TO REVISE ANY ABSTRACT SUBMISSION AFTER 11:59 pm Central Daylight Time, April 3, 2018.**

#### ABSTRACT AND TECHNICAL SUMMARY WITHDRAWAL

Abstract withdrawal requests must be submitted in writing by June 1 to avoid publication.

#### ABSTRACT AND TECHNICAL SUMMARY REVIEW AND ACCEPTANCE

Abstracts will be peer-reviewed by members of the AMSA RMC Program Planning Committee and the Committee under the supervision of the Abstract Subcommittee Chair.

Possible reasons for abstract rejection:

- Information is not new or is very similar to previous presentations/publications.
- Methods are not appropriate or informative.
- The study appears to be incomplete or ongoing
- Promotes commercial products, not science, as the primary goal
- Does not follow the format instructions
- Many language errors
- Topic not relevant to AMSA members

#### NOTIFICATIONS

All presenting authors will receive e-mail notification of abstract status no later than May 7, 2018. Notices will only be sent to presenting authors whose email address was provided at the time of abstract submission.

It is the responsibility of the presenting author to inform all co-authors and faculty advisors of the status and scheduling information.

All notices will be sent by automated e-mail systems. It is the responsibility of the authors to check e-mail accounts, including any junk/spam folders associated with the submitted e-mail address.

If you have not received e-mail notification by May 8, please contact AMSA by email at [information@meatscience.org](mailto:information@meatscience.org). It is the responsibility of the presenting author to ensure that they have a valid and current email address.

#### ELECTRONIC EPOSTER PRESENTATION GUIDELINES

- If an abstract and/or a technical summary is accepted, the author(s) must attend the RMC 2018 to present it. If a presenter is not registered by May 14, 2018 for RMC 2018, the abstract will not be published, and the ePoster/presentation will be withdrawn.

- ePoster presenters shall attend their ePosters during their assigned times to present their work to RMC attendees. More information on specific times will be sent out and posted on the RMC web site ([www.meatscience.org/rmc](http://www.meatscience.org/rmc)) in May 2018.
- For the general abstracts, technical summary and the research competition an electronic ePoster board will be provided. Presenters will be asked to submit their abstracts and technical summary presentations in advance as your ePoster sessions will be done in Kiosk Mode. Kiosk mode means that we receive the presentation ahead of time, then combine multiple presentations into a single presentation with a menu and navigation buttons. This ensures that it's easy to swap between different ePosters that are on the same screen. More information will be sent out in March regarding the design of your ePoster.

### **Electronic EPoster Board Preparation Guidelines (General Abstracts, Technical Summaries and Research Competitions)**

**IMPORTANT:** Due to difference in operating system standards and character sets, **mathematical formulas** created in Windows often don't display correctly on MAC OS, even in PowerPoint. **Please convert formulas to images.**

**ePoster PPT must be submitted by: June 4, 2018.**

- Presentations are designed in PPTX format
- Use the template provided
- Recommended fonts: Calibri, Arial, Times New Roman
- Recommended font size: 28pt or larger
- Slide/EPoster size: 40.97x23.04, which is a 16:9 ratio.
- Single or Multiple pages/slides may be used for ePoster.
- Multiple slides/pages should be used if there is additional content, images, graphs and videos that need to be displayed on your ePoster. While multiple pages are recommended, **no more than 4 will be accepted.**
- If multiple pages are used, the "mouse click" option should be chosen for each slide/page to advance.
- Videos, animations, graphs and images can be embedded into your ePoster.
- Embedded video may be displayed in the following formats:
  - .mov, .mp4, .m4v, mpeg
- The ePoster layout must be in landscape orientation.
- ePoster template is available on the AMSA RMC Abstract website.

### **DISPLAY HOURS AND EXPECTATIONS (TIMES ARE SUBJECT TO CHANGE)**

ePosters will be displayed beginning Sunday afternoon, June 24, for RMC attendees to view. All ePoster presenters will be asked to be at them during their assigned time that will be sent out in May 2018.

ePosters will be grouped and displayed by topic and a number will be assigned to each accepted ePoster, which will correspond to a number on the display board. Due to ePoster viewing constraints, all ePoster presenters are required to attend their ePosters during their specified 1-hour time. More details on assigned times will be sent out in May.

### **STUDENT RESEARCH EPOSTER COMPETITION**

The purpose of the AMSA Student Research ePoster Competition is to encourage students to:

1. Engage in high quality, sound and pertinent meat and poultry research;

2. Gain experience in presentation of scientific papers;
3. Demonstrate poise and mental agility before their peers;
4. Develop skills in effective communication for dissemination of research information; and
5. Acquire an appreciation of the role of the Association and its members in advancing the wellbeing of the meat industry through research.

The 2018 graduate competition is sponsored by Tyson Foods, Inc. and the 2018 undergraduate competition is sponsored by the AMSA Ann Hollingsworth and Dale Huffman Mentor Recognitions.

## RULES AND REGULATIONS

### ELIGIBILITY

Contestants must hold membership in the American Meat Science Association at time of entry (February 22, 2018).

**Only two students from one university may enter the graduate competition, regardless of the division in which they will compete. In addition, two students from one university may enter the undergraduate competition.**

**Each university can have up to four total participants.** Submit intents online at:

<http://www.meatscience.org/events-education/rmc/amsa-student-research-competition>.

### DIVISIONAL COMPETITION

Contestants may compete in one of three divisions depending on their eligibility. Contestants may compete only once in any one division.

- *Master of Science Division:* Contestants competing in this division must be currently enrolled in a Master of Science Program or have completed a Master of Science program since the last Reciprocal Meat Conference.
- *Doctor of Philosophy Division:* Contestants competing in this division must be currently enrolled in a Ph.D. program or have completed a Ph.D. program since the last Reciprocal Meat Conference.
- *Undergraduate Division:* Contestants competing in this division must be an undergraduate or have received their bachelor's degree no earlier than the May prior to the competition. Contestants may compete only once in this competition during their undergraduate program.

### SUBJECT OF PRESENTATION

Any basic or applied research in meat or poultry science will be considered for entry in the competition, if conducted by the student as part of their education indicated by the division in which they are competing. The presentation may contain information that has been presented at other regional or national scientific meetings, but cannot contain material previously used in this competition. Information must have been from data collected by the contestant.

### PLACE AND CONDITIONS OF PRESENTATIONS

Contestants will make ePoster presentations at the Reciprocal Meat Conference on Sunday, June 24. A meeting for all competitors will be held prior to the competition to determine a schedule for the order of contestant's



presentations of ePoster material to the judges. Graduate students need not be present for presentations by other contestants and are free to leave the ePoster area before and after they have given their respective presentation. Contestants are required to return to the presentation area once the competition is over, in the event the judges would like an opportunity to ask additional questions of certain candidates in the graduate competition. Contestants will have an opportunity to make minor edits to their ePoster prior to the competition Sunday, June 24th and a detailed schedule of events will be sent out in May 2018.

**Presenters will be evaluated based on the following criteria:**

- Professional appearance and poise throughout the presentation
- Quality of visual aids
- Use and creativity of visual aids to convey a clear message
- Knowledge of your research topic
- Ability to demonstrate an understanding of the experimental design of your project and statistical approach for analyzing your data
- Ability to answer questions that directly relate to and indirectly relate to your topic
- Ability to relate your research to industry applicable scenarios

Emphasis of each of these categories will be at the discretion of the judges. NOTE this may not be an exhaustive list of judge's expectations.

**Electronic EPoster Board preparation – See Page 6.**

**Oral Presentation:**

Contestants will not give a formal oral presentation, in the traditional sense.

- **Undergraduate Division:**

**Students will be given five minutes to introduce the material to the judges and six to eight minutes for questions and discussion.** Contestants should be prepared to answer questions from judges concerning objectives, methods, design, results and interpretation of research presented.

- **Master of Science Division:**

**Students will be given five minutes to introduce the material to the judges and six to eight minutes for questions and discussion.** Contestants should be prepared to answer questions from judges concerning objectives, methods, design, results and interpretation of research presented.

- **Doctor of Philosophy Division:**

**Students will be given 12 minutes to introduce the material to the judges and eight minutes for questions and discussion.** Contestants should be prepared to answer questions from judges concerning objectives, methods, design, results and interpretation of research presented.

***At the 2018 RMC the first-place winner in each division will be asked to give a 10-minute presentation during the AMSA RMC ePoster Winners reciprocation session on Tuesday, June 26. Students will use the ePoster board and PPT that they submitted for the research competition. Winners will be announced just prior to the quiz bowls finals on Sunday, June 24<sup>th</sup>.***

Contestants will also display their ePosters during the open ePoster times as designated by the program chair and will need to be present during the ePoster presentations for their section.

## EVALUATING THE PRESENTATION

1. The Student Research ePoster Competition Committee shall evaluate abstracts and ePoster presentations for each division. The chair of the Graduate Student Research ePoster Competition Committee will tabulate scores, but will not be a judge.
2. **Presentations during the student research competition are open to the public.** Judges will listen to each presentation as a group and evaluate the ePosters and presentations using procedures approved by the Student Research ePoster Competition Committee chair. After the competition, judges will meet with the chair of the Committee to select a winner.
3. It is the intention of the Student Research ePoster Competition Committee that none of the judges will be from institutions represented in the competition nor will major professors of contestants serve as judges. If, however, it occurs that a judge and a contestant are from the same institution that judge will recuse themselves and will not evaluate that contestant. No two judges shall be from the same institution. The judges' decision will be final.

## AWARDS

Awards for the Student Research ePoster Competition are sponsored by Tyson Foods, Inc. (Graduate) and Ann Hollingsworth and Dale Huffman AMSA Mentor Recognitions (Undergraduate). The following awards, dependent on the number of contestants, will be presented:

	<b>M.S.</b>	<b>Ph.D.</b>	<b>Undergraduate</b>
<b>1st Place</b>	\$1000 and plaque	\$1000 and plaque	\$1000 and plaque
<b>2nd Place</b>	\$750 and plaque	\$750 and plaque	\$750 and plaque
<b>3rd Place</b>	\$500 and plaque	\$500 and plaque	\$500 and plaque

All entrants will be recognized for their participation by the American Meat Science Association.

## PRESENTER AGREEMENTS

- All submitters will be asked to submit a presenter agreement agreeing to follow standard presenter protocols as determined by AMSA. AMSA intends to publish the abstracts, copies of the ePosters and presentation materials as part of the Proceedings of the 2018 AMSA Reciprocal Meat Conference. The proceedings will be published online and made available to all AMSA members as well as those attending RMC 2018.

It is the intention of the AMSA in to publish **ALL** abstracts, except for Technical abstracts, presented at the 2018 RMC in the *AMSA Journal Publication, Meat and Muscle Biology*, except for the technical summaries, which will only be published in the RMC proceedings.

## FREQUENTLY ASKED QUESTIONS

- 1. Who should submit an abstract to the 2018 RMC?**
  - a. Presenting at the 2018 RMC is an opportunity to gain exposure for your research program and recognition from your peers. As many as 800 meat scientists and students will be in attendance at the conference. AMSA members will benefit from your expertise and participation!
- 2. When is the deadline to submit abstracts?**
  - a. Abstracts are due by April 3, 2018 by 11:59 p.m. Central Daylight Time.
- 3. Can I revise my abstract after submitting it?**
  - a. Yes, but all revisions must be completed prior to the submission deadline, April 3, 2018 by 11:59 p.m. Central Daylight Time.
- 4. Can I revise my ePoster PPT after submitting?**
  - a. Yes, you will be able to adjust your PPT onsite prior to your presentation.
- 5. When will I hear if my abstract was accepted for presentation?**
  - a. Submitters will be notified by email no later than May 8, 2018.
- 6. Does my AMSA member login and password work on the online abstract management website?**

No, your AMSA member login and password does not work for submitting an abstract. When you first submit an abstract, you must create an account in the abstract submission system.

## CONTACT INFORMATION

### TECHNICAL ASSISTANCE WITH ABSTRACT SUBMISSION AND GENERAL QUESTIONS

Web-related technical questions concerning these procedures should be addressed to:

Deidrea Mabry, Director, Scientific Communications and Technical Programs

[dmabry@meatscience.org](mailto:dmabry@meatscience.org)

Phone: 773-913-2021

### RMC PROGRAM ABSTRACT COMMITTEE

Policy and review questions should be directed to the RMC Program Abstract Committee.

Kyle Grubbs, Chair

[judson.grubbs@sdstate.edu](mailto:judson.grubbs@sdstate.edu)

605-688-5451

RMC GRADUATE STUDENT RESEARCH COMPETITION COMMITTEE CHAIR

Questions regarding the Graduate Student Research EPoster Competition should be directed to the chair.

Christine Quinlan

[Christine.quinlan@tyson.com](mailto:Christine.quinlan@tyson.com)

479-290-2939

RMC UNDERGRADUATE STUDENT RESEARCH COMPETITION COMMITTEE CHAIR

Questions regarding the Undergraduate Student Research EPoster Competition should be directed to the chair.

Andrea Garmyn

[Andrea.garmyn@ttu.edu](mailto:Andrea.garmyn@ttu.edu)

806-742-2805 ext. 236

RMC PROGRAM PLANNING COMMITTEE CHAIR

Inquiries on the RMC program development process should be directed to the RMC Chair.

Dale Woerner, Chair

[dale.woerner@colostate.edu](mailto:dale.woerner@colostate.edu)

970-491-7615