

SUBMISSION DEADLINES

Graduate Students: March 20, 2020

Undergraduate Students: April 3, 2020

Tri-State Dairy Nutrition Conference – 2020

April 20 - 22, 2020

Grand Wayne Convention Center, Fort Wayne, IN

Undergraduate and Graduate Student Research Showcase Guidelines

Undergraduate and Graduate Student Presentations will be held concurrently **Monday, April 20, 1:30 – 5:30 p.m.** at the Grand Wayne Convention Center. Following the Contests, there will be a “Meet and Greet” dinner at 5:30 p.m. for all students and their academic advisors with dairy industry professionals sponsored by the Midwest American Registry Professional Animal Scientists (ARPAS Chapter) and the Tri-State Dairy Nutrition Conference. The dinner is free to students and advisors, but you **MUST** register on the website (<https://www.tristatedairy.org/>) or by completing and returning information on the registration flyer. Undergraduates participating in the Student Research Showcase are also encouraged to complete the application for participating in the undergraduate student program being held on Monday evening, April 20 and Tuesday, April 21. Additional details for this program and the application form are available at: <https://www.tristatedairy.org/undergraduate-program>.

Free lodging will be available Monday and Tuesday [during the entire Tri-State Conference] for all students, including those presenting in the Contests. All Contest participants also receive complimentary Conference registration, a copy of the Proceedings, and free meals, reception, and refreshment breaks associated with the Conference. Students **must** request lodging reservations via the website (<https://www.tristatedairy.org>) or by completing and returning the information on the registration flyer. Students will be expected to share rooms, possibly even with students from different states if necessary.

Awards:*	Undergraduate Contests Original Research & Literature Review	Graduate Contest M.S. & Ph.D. Divisions
First Place	\$500	\$1,000
Second Place	\$400	\$750
Third Place	\$300	\$500

*The judges and organizing committee reserve the right to modify award amounts based on number of students participating and other criteria as deemed necessary.

General Contest Information:

The Research Showcase is open to all current and recent¹ undergraduate, M.S., and Ph.D. students from all educational institutions in the world. All presentations must specifically relate to some aspect of dairy cattle nutrition. There will be four divisions: Undergraduate Original Research, Undergraduate Literature Review, M.S. students, and Ph.D. students. The number of awards made will be based on the number of students in each division:

- 1-3 students, 1st prize only
- 4-5 students in a division, 1st and 2nd prizes
- 6+ students in a division, 1st, 2nd, and 3rd prizes

All undergraduate and graduate students who do not place first, second, or third will receive \$100 for participating in their respective Contest.

¹ Less than 6 months post-graduation from the intended terminal degree on April 20, 2020.

Graduate Student Oral Presentations:

Graduate students are expected to present a summary of one of their original research projects. The presentations for M.S. and Ph.D. students will be given in separate sessions on **Monday, April 20, 1:30 – 5:30 p.m. in the Grand Wayne Center**. If there are insufficient entries in both categories, the Conference organizers can exercise the right to merge the two categories into one graduate competition.

All graduate students are expected to prepare a poster that will be put on display in a designated area of the Conference center. The poster will not be part of the oral presentation competition, but it is required for a graduate student to participate in the oral presentation. Posters are to be on display starting at 12:00 noon on April 21 and can be taken down after 11:30 am on April 22.

When preparing a poster for the Conference please note the size of the display boards is 38 (width) x 63 (height) inches. For all other poster requirements please follow the general guidelines for ADSA posters (<https://www.adsa.org/Meetings/2020-Annual-Meeting/Abstracts/Poster-Presentation-Instructions>).

The purpose of the posters is to increase the visibility of your research to industry personnel attending the Conference and provide additional networking opportunities for students with industry representatives. Graduate students failing to prepare a poster will forfeit their funds from participating in the program or placing in the research competition.

By March 20, 2020 graduate students must submit a written **ABSTRACT** summarizing their research to Dr. Adam Lock (allock@msu.edu), **confirming their participation in the Contest**, and this abstract will be included in the Conference Proceedings. See instructions for abstracts below. Please look for a confirmation email within 48 hours or contact Dr. Lock (517-802-8124).

Undergraduate Student Oral Presentations:

The two separate categories are: 1) Original Research Presentation and 2) Literature Review Presentation. The presentations will be given in a shared session on **Monday, April 20, 1:30 to 5:30 p.m.** If there are insufficient entries in both categories, the Conference organizers can exercise the right to merge the two categories into one undergraduate competition. If you intend to present in either undergraduate category, please notify Dr. Adam Lock (allock@msu.edu) **by April 3, 2020**, specifying the category, full names and institutions of all contributing authors, and full title of the presentation. Please look for a confirmation email within 48 hours or contact Dr. Lock (517-802-8124). **Abstracts are NOT required for undergraduate presentations.**

For All Students:

Research presentations should be based on original completed research. Research previously published or presented is also eligible for the research competitions if it meets the following criteria: 1) published research never previously presented; 2) if published in a peer-reviewed publication no more the 6 months prior to this contest; or, 3) presented as a poster or oral presentation at another meeting (e.g., annual ADSA/JAM meetings) no more than 18 months prior to the current Tri-State Dairy Nutrition Conference.

Instructions for Abstracts: (Graduate Students only)

The **abstract** must be limited to 2,300 keystrokes (including characters, spaces, and punctuation). Begin the count at the title and end the count with the last key word or end of a table, if one is included. The word count does not include authors and their affiliations.

Abstracts must meet the quality standards outlined in the ADSA Quality Standards for Abstracts for the 2020 ADSA Annual Meeting: (<https://www.adsa.org/Meetings/2020-Annual-Meeting/Abstracts/Quality-Standards-for-Abstracts>):

1. The objectives of the presentation are clearly and concisely stated at the beginning of the abstract.
2. Pertinent methodological conditions (such as the population and sample, design, instrumentation, methodology used, assessment of methodology, data collection, and data analysis) are included to define the scope of the work.
3. The information in the abstract includes those details that directly influence the interpretation or enhance the understanding of the results or methodologies presented.
4. The results are compiled, condensed, and presented with great care. Only information that is discussed is presented. Only data relating to the objectives are reported. Any statistical inferences shall be sufficiently detailed to authenticate interpretation of the data. One simple, illustrative table may be used if it is the most effective method to convey the results in a clear manner.
5. A clearly stated conclusion is essential.

Judging and Award Presentations for the Contests:

Panels composed of individuals from sponsors, nutritionists, universities without students competing in the given year, and conference speakers will judge the abstracts and presentations. Students should review the different contest scorecards (attached) for understanding about how each category of presentation will be judged.

Undergraduate Contests: Awards will be presented at 5:30 p.m. April 20 (Monday) during the dinner hosted by ARPAS and the Tri-State dairy Nutrition Conference.

Graduate Student Contest: Awards will be presented in the main Conference session on Tuesday, April 21. All award recipients are expected to attend. Following the announcement of the awards, the first place Ph.D. student awardee will deliver the winning research presentation in the main Conference session.

Instructions for Presentations: (for ALL Students)

Participants are asked to make a 12-minute presentation using MS PowerPoint; 3 additional minutes will be for questions from the judges and audience. Each participant should bring their presentation to the Conference on a flash drive. All participants will use the Conference computer in each presentation room; no one will be allowed to use their own computer. All presentation sessions will be open to all participants and Conference attendees.

Suggested guidelines for presentations

- Color choices:
 - a) Use different colors, special coding (italics, bold, etc.) and caps/no caps to stress major points;
 - b) Avoid using contiguous colors, colors that appear next to each other on the color wheel; and
 - c) Choose background and foreground colors that complement each other, those opposite each other on the color wheel.
- Keep slides simple and avoid excessive use of colors and graphics that may be distracting.
- Be consistent in slide layout but vary presentation of content.
- Remember that the color tone on your monitor may not look exactly the same with the computer and projection system used at the Conference.
- Avoid the use of red and green because some people are red/green color-blind.
- DO NOT put too much information on a slide (generally 24 pt text should be the minimum size) and no more than 12 total horizontal lines or rows per slide.
- Use pictures where applicable.
- Remember: Bad slides can make good information and results look bad.

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Undergraduate Student Literature Review Presentation Score Card

Name of Student: _____

University _____

Title of Presentation: _____

Name of Judge: _____

Criteria	Score	Comments
1. Understanding/Interpretation of the Literature Review Topic (60%)		
<ul style="list-style-type: none"> • Relevant brief introduction and appropriate and accurate review of literature on the topic (5) 		
<ul style="list-style-type: none"> • Understands methodology used well enough to interpret the literature (10) 		
<ul style="list-style-type: none"> • Shows depth of understanding of biology and nutrition (15) 		
<ul style="list-style-type: none"> • Overall, accurate and thorough interpretation of literature on the topic (20) 		
<ul style="list-style-type: none"> • Clearly separates conclusions from speculation and has clear understanding of implications (10) 		
2. Effective Oral Presentation (15%)		
<ul style="list-style-type: none"> • Clear explanation of information and results and logical organizational flow (10) 		
<ul style="list-style-type: none"> • Professionalism; makes eye contact; presents in an engaging and enthusiastic manner (5) 		
3. Slides (10%)		
<ul style="list-style-type: none"> • Correct grammar and spelling; adequate information provided; creative and appropriate use of graphics, figures, and tables; adequate font size and color schemes (10) 		
4. Responses to Questions (15%)		
Total Score		

out of 100 percentage points

Other Comments:

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Undergraduate & Graduate Student Research Presentation Score Card

Name of Student: _____

University _____

Title of Presentation: _____

Name of Judge: _____

Criteria	Score	Comments
1. Understanding/Interpretation of the Research/Topic (60%)		
• Shows understanding of the biology and nutrition (20)		
• Appropriate handling of data and accurate interpretation of results (20)		
• Understands methodology and statistics used (10)		
• Clearly separates conclusions from speculation and provides understanding of implications (10)		
2. Effectiveness of Oral Presentation (15%)		
• Clear introduction, explanation of methods and results, and logical organizational flow to conclusions (10)		
• Professionalism; makes eye contact; presents in an engaging and enthusiastic manner (5)		
3. Slides (10%)		
• Correct grammar and spelling; adequate information provided; Slides: creative and appropriate use of graphics, figures, and tables; adequate font size and color schemes		
4. Responses to Questions (15%)		
Total Score		

out of 100 percentage points

Other Comments: