Categories for Russell Klein Nutrition Research Student Poster Presentations

*Molecular and Basic*
Research aimed to broaden the understanding of the action of nutritional compounds at a cellular or molecular level in cell or animal models. Research in this category may be pre-clinical in nature, but has not reached the stage of a clinical trial. Any research pertaining to nutritional profile investigation of foods or food compounds or the manipulation of food products but does not yet involve testing in human subjects would also fall into this category.

*Clinical*
Research aimed to achieve a nutrition-related health outcome through a treatment, supplementation, or a dietary intake intervention in human or animal (i.e. cattle, pets) subjects. This category of research is translational in nature in that it progresses the knowledge of molecular or basic nutritional research and applies the methods to human or animal subjects in a controlled setting.

*Behavioral*
Research aimed to achieve a lifestyle modification or modifications in human subjects, i.e. through a nutrition education program, in order to elicit behavior change to achieve a nutrition-related health outcome. A distinction between the Clinical and Behavioral categories is the level of control the researcher has on the actual behavior change. For example a researcher who conducts a nutrition education program or counseling session that teaches strategies for behavior change has limited control on the behavior change actually practiced by the human subject. Whereas, a trial that controls the supplement or food intake of a human subject has greater control on the behavior change.

Abstract Submission:

- Abstracts will be submitted at the time of registration. To register for the 13th Annual Russell Klein Nutrition Research Symposium, please go to: [https://osu.az1.qualtrics.com/SE/?SID=SV_8kmTfe1qrKoQgSN](https://osu.az1.qualtrics.com/SE/?SID=SV_8kmTfe1qrKoQgSN)
- The registration and abstract submission deadline is **Friday, February 5th at 5:00 PM EST**.
- All abstracts must be formatted to meet the general guideline criteria and contain all components listed in the content guidelines (Original Research and Case Study) below.
- Any abstract not meeting these guidelines will not be considered.
- Quality improvement abstracts should follow the original research content guidelines.
- You will be notified of your abstract acceptance **February 12, 2016**.

Awards:

- Any undergraduate, graduate (including dietetic interns), or post-doctoral student is eligible to submit an abstract for a poster presentation at the 13th Annual Russell Klein Nutrition Research Symposium on March 3, 2016. Individuals do not have to attend The Ohio State University.
- The student must be the first author on the poster abstract.
- All graduate students are eligible to apply for the oral presentation award competition, which you will indicate during the registration and abstract submission process. Those
who choose to apply will present their research to a panel committee prior to the event during the second week of February. The student who wins this competition will give a 15 minute presentation of their research during the 13th Annual Russell Klein Nutrition Research Symposium on March 3, 2016.

- All students who have conducted original research will be judged during the poster presentation session at RKS 2016 and will be eligible for the first, second, and third place monetary awards in their respective category.
- All students who are presenting a Case Study are also eligible for a monetary award.

Generals Guidelines

- Abstracts must be structured.
- 300 word limit not including Title and Affiliations.
- Title should Arial, 14-point type font and bolded.
- Authors should be Arial, 12-point font and bolded.
- Affiliations should be Arial, 12-point font, not bolded. Use numeral superscripts to indicate affiliations of the authors.
- The abstract text should be Arial, 12-point font. Only bold the title each section of the structured abstract, i.e. Methods, Results, Conclusions, etc.

Original Research Abstract Content Guidelines

Poster Presentation Title

[Blank Line]

Author 1 First Name Last Name, Credential¹; Author 2 First Name Last Name, Credentials²

¹Author 1 Affiliation; ²Author 2 Affiliation {Arial, 12pt font}…

[Blank Line]

[Blank Line]

Background: A brief description of the project’s background to give the reader enough contexts to understand the project significance and design.

Objective/Hypothesis: A concise explanation to the study objective or hypothesis.

Methods: Short summary of the materials and methods used. This would include details such as the model used, patient population demographics, assays/surveys utilized to collect data, etc.

Results: Explain the experimental findings of the study

Conclusions: Outline the major findings of the study. Include a discussion as to the novelty of the work, importance to the field of nutrition, limitations, and future directions.

Acknowledgments: Indication of supporting organization and any other funding/material sources.

Other General Suggestions:

- Capitalize initial letters of trade names.
- Use standard abbreviations for units of measure.
Other abbreviations should be spelled out in full at first mention, followed by the abbreviation in parentheses. [example: phosphatidylinositol (PI)] Exceptions: DNA, RNA, etc.

Case Study Abstract Content Guidelines

Case Study Poster Presentation Title

[Blank Line]

Author 1 First Name Last Name, Credential¹; Author 2 First Name Last Name, Credentials²

¹Author 1 Affiliation; ²Author 2 Affiliation

[Blank Line]

[Blank Line]

Background: Include the individual’s age, sex, diet, and food history, pertinent aspects of their medical history, a brief history of their complaint and physical findings from the dietitian’s examination.

Diagnosis: Include appropriate diagnoses based on the assessment (history, mechanism, initial clinical examination) and subsequent diagnostic imaging and laboratory tests or other healthcare professional examinations.

Treatment: Nutrition strategies used to treat the individual. Include the physician/nurse practitioner/physician assistant’s evaluation and state the results of diagnostic imaging and laboratory results if performed. Include monitoring and evaluation strategies. The final diagnosis of the condition and subsequent treatment and clinical course followed should be clearly detailed. Relevant and unique details should be included, as well as the final outcome of the case.

Uniqueness: Briefly describe the uniqueness of this case such as its mechanism, incidence rate, evaluate findings, rehabilitation (course of treatment), or predisposing factors.

Conclusions: Include a concise summary of the case as reported and highlight the case’s importance to the dietetics profession and provide the reader with a clinical learning opportunity.

Poster Presentation Information and Guidelines

- Maximum poster dimension are 48 in. x 48 in.
- Posters will need to be in place Thursday, March 3rd by 8:30 AM.
- Judging will take place from 11:15 AM – 12:30 PM. Awards will be announced at 4:00 PM.
- You will have 5 minutes to present your poster to 3 judges, with 5 minutes for judges to ask questions.
- The criteria for poster judging will be:
  1. Quality of the written abstract
2. Presentation skills during the poster session
3. Quality of the prepared poster
4. Significance, innovation, novelty, and potential impact of the research
5. Ability to respond to questions.