

**Call for H&CS Abstracts**  
**4th Annual Graduate Research Retreat**

**Dear H&CS Graduate Students,**

The H&CS department and the Graduate Research Retreat Committee are proud to announce its **4th Annual H&CS Graduate Research Retreat**. This year, the retreat will be held in Fisher Auditorium on the OARDC campus in Wooster, Ohio on October 2 and 3. Overnight accommodations will be provided for Columbus based participants. The retreat is a great opportunity to see the progress of other research areas in the department and to interact with faculty and fellow students. This is also a first-step towards publishing your research.

Schedule:

**Friday, October 2**

OARDC Tour at **3:00 PM**, Dinner at **6:00 PM**

**Saturday, October 3, 8:30 AM – 2:00 PM**

Poster Competition, Oral Presentation Competition, Lunch

A new component this year, in addition to the poster competition, is an oral presentation competition. We would like to invite all graduate students in H&CS to participate in the poster and/or oral competitions at the retreat on Saturday, October 3. There will be ten awards given, with a combined cash total of \$1500.

**Competition Eligibility:**

- Graduate Students enrolled either Summer or Autumn Quarters 2009 in the H&CS graduate program.
- Students who participated in previous GRR competitions are required to report additional or different data.
- Students may submit to more than one category if additional or different data is reported.

**Competition Categories:**

- 1) Poster Competition – Proposal (MS or PhD)
- 2) Poster Competition – MS
- 3) Poster Competition – PhD
- 4) Oral Presentation Competition – MS
- 5) Oral Presentation Competition – PhD

**Cash Awards** will be given for 1<sup>st</sup> and 2<sup>nd</sup> Place for each category for a total of \$1,500.00.

- ❖ **1<sup>st</sup> Place: \$200**
- ❖ **2<sup>nd</sup> Place: \$100**

**Poster Competition**

- Students may submit an abstract and poster into one or more of the following three categories: 1) Poster Competition – Proposal (MS or PhD), 2) Poster Competition – MS research or 3) Poster Competition – PhD research.
- Cash prizes will be awarded to the two highest scores within each category (a total of six awards).
- HCS students wishing to compete are required to electronically submit an **Abstract**

(maximum of 250 words) and the **Abstract Submission Form** to Regina Vann Hickok (vann.5@osu.edu), **by Friday, September 18, 2009.**

- The student presenting a poster must be present at the time of judging on Saturday, October 3 (please consider submitting a non-competition poster if you are not able to attend.) Judging will consist of a 3 minute presentation by the author to the judging panel, followed by 2 minutes for questions. More detailed information regarding the scheduled time for judging as well as the assigned judging committee for each poster will be provided the week prior to the event. Students are encouraged to review the abstract and poster evaluation forms (attached).
- Posters must be available for set up by 7:00 PM on Friday, October 2.

### **Oral Presentation Competition**

- Students may submit an abstract into one or more of two categories: 4) Oral Presentation Competition – MS research or 5) Oral Presentation Competition – PhD research.
- Cash prizes will be awarded to the two highest scores within each category (a total of four awards):
- HCS students wishing to compete are required to electronically submit an **Abstract (maximum of 250 words) and the Abstract Submission Form** to Regina Vann Hickok (vann.5@osu.edu), **by Friday, September 18, 2009.**
- Judging will consist of a 10 minute oral presentation followed by 2 minutes for questions. More detailed information regarding the scheduled time for presentations as well as the assigned judging panel for each presentation will be provided the week prior to the event. Students are encouraged to check out the abstract and oral presentation evaluation forms (attached).
- All necessary equipment will be available for slide presentations. Students should see the presentation moderator (Adam Newby) at 8:30 AM on October 3 in order to download any slide presentations onto the computer.

A more detailed schedule of the event will be sent to all grad students as it becomes available. Check our web site for up to date information ~ [hcs.osu.edu/graduateretreat](http://hcs.osu.edu/graduateretreat) ~ please feel free to send any questions to Regina at [vann.5@osu.edu](mailto:vann.5@osu.edu).

The Graduate Research Retreat Committee would like to extend a personal invitation to participate in the Research Retreat and Poster Competition. We hope you will decide to attend this event and wish you luck in this year's competitions.

**Sincerely,**

**The H&CS Graduate Research Retreat Student Committee:**

Gladys Anguti (Retreat Chair)

Natalie Bumgarner (Competition Chair)

Adam Newby (Secretary)

Valdir Correa

Fernanda Ferraro

Carlos Hernandez-Garcia

Aaron Ostrom

Marcelo Pomeranz

Wilmer Rodriguez

Peter Zale

Yi Zhang



# Horticulture & Crop Science Graduate Research Competition October 2 & 3, 2009

**Return to:** Horticulture & Crop Science **OR** Fax: 614-292-7162 **OR** Email:  
202 Kottman Hall (Attn: Graduate Program) hcs-grad@osu.edu  
2021 Coffey Road  
Columbus OH 43210

**Name:** \_\_\_\_\_  
(Last) (First) (Middle Initial)

**Email Address:** \_\_\_\_\_

**Telephone Number (cell if available):** \_\_\_\_\_

**Advisor:** \_\_\_\_\_

## Competition Submissions

*(Abstracts due by September 18, Please indicate category and title. For guidelines and eligibility requirements please refer to the "Call for Abstracts")*

- Proposal Poster Competition (MS or PhD)**  
Title: \_\_\_\_\_
- Poster Competition MS**  
Title: \_\_\_\_\_
- Poster Competition PhD**  
Title: \_\_\_\_\_
- Oral Presentation MS**  
Title: \_\_\_\_\_
- Oral Presentation PhD**  
Title: \_\_\_\_\_

## Attendance RSVP

*I plan to participate as follows:*

- Wooster Tour, 3 PM, Friday, October 2**
- Dinner, 6 PM Friday, October 2**
- Research Presentations and Lunch,  
8:30 AM to 2 PM, Saturday, October 3**
- Hotel Room for Friday Night, October 2 (Columbus participants)**  
Preferred roommate: \_\_\_\_\_

## 2009 Horticulture & Crop Science Graduate Research Competition

**Abstracts\* are limited to a maximum of 250 words.**

### Abstract Evaluation:

Please evaluate the abstract on the following criteria using this scale:

(1-2)	(3-4)	(5-6)	(7-8)	(9-10)
Poor	Fair	Satisfactory	Good	Superior

1. **Purpose of study** (10 points) \_\_\_\_\_
  - a. What problem does this work attempt to solve?
  - b. Is the problem/objective/hypothesis clearly stated?
  - c. Is the importance of the problem/research clearly stated?
  - d. Is the main argument established? What is the main argument/thesis/claim?
  
2. **Design and Methodology** (10 points) \_\_\_\_\_
  - a. Approach: Does the theoretical and/or methodological perspective seem appropriate?
  - b. Do the procedures of inquiry seem adequate to support the study's objective?
  - c. Are the instruments/sources /materials appropriate to this inquiry?
  
3. **Results and conclusions** (10 points) \_\_\_\_\_
  - a. Are the results clearly stated?
  - b. Does the interpretation seem clear and justifiable?
  - c. Do the conclusions seem valid and/or realistic?
  
4. **Implications and significance** (10 points) \_\_\_\_\_
  - a. Does this research hold theoretical significance in its field?
  - b. Does this research have heuristic value in its field?
  - c. What are the implications of the results?
  - d. How does this work add to the body of knowledge on the topic/field?
  
5. **Word limit deduction** ( -5 points) ( \_\_\_\_\_ )
  - a.. Exceeded maximum of 250 words.

**Total Points** (maximum of 40 points possible) \_\_\_\_\_

**Presenter name:** \_\_\_\_\_

**Comments** (use back, if necessary):

**\*Abstracts will be judged on the first 250 words.**

# 2009 Horticulture & Crop Science Graduate Research Competition

## Proposal Poster Evaluation

Please evaluate the poster on the following criteria using this scale

(1-2)	(3-4)	(5-6)	(7-8)	(9-10)
Poor	Fair	Satisfactory	Good	Superior

1. **Appearance of the poster display** (10 points) \_\_\_\_\_
  - a. Attractively displayed in color, neatness
  - b. Sufficient white space between items
  - c. Text, figures, tables, and or photos labeled and large enough to view from 3-4' away.
  - d. Title, authors(s), and college affiliation and location cited at top in bold.
  - e. No spelling errors; literature and scientific or trade names properly cited
  
2. **Poster organization and preparation** (10 points) \_\_\_\_\_
  - a. Has concise and easy to locate highlights of research project
  - b. Highlights of research/outreach project concise and easy to find
  - c. Introduction: covers literature, objectives and/or hypothesis to be tested.  
Rational and significance of the proposed studies, in regards to agricultural, food, or environmental issues, should be presented.
  - d. Materials and Methods: covers enough detail but not too much verbiage. Details of the design and research approach.
  - e. Includes experimental design or how experimental project will be executed
  - f. Expected results: overall view of what is expected at the end of the experiment
  - g. Conclusions or summary statement are included and valid
  - h. Literature cited: not too many but key citations listed
  - i. Poster is concise, logical and self-explanatory
  
3. **Originality and Merit** (10 points) \_\_\_\_\_
  - a. Originality of research study or innovative project
  - b. Previous literature appropriately cited in introduction
  - c. Objectives and hypothesis were clearly stated
  - d. Method and experimental design were appropriate to test the hypothesis
  
4. **Knowledge and presentation** (10 points) \_\_\_\_\_
  - a. Student's enthusiasm of subject area
  - b. Student's knowledge and competence in subject area
  - c. Presentation of poster highlights to judges
  - d. Ability to answer questions

**Total points** (Maximum of 40 points possible) \_\_\_\_\_

**Presenter name:** \_\_\_\_\_

**Comments** (use back, if necessary):

# 2009 Horticulture & Crop Science Graduate Research Competition

## Poster Evaluation for Masters and PhD:

Please evaluate the poster on the following criteria using this scale:

(1-2)	(3-4)	(5-6)	(7-8)	(9-10)
Poor	Fair	Satisfactory	Good	Superior

1. **Appearance of the poster display** (10 points) \_\_\_\_\_
  - a. Attractively displayed in color, neatness.
  - b. Clarity: sufficient space between items.
  - c. Text, figures, tables, and photos labeled and large enough to view from 3-4' away.
  - d. Title, author(s), and college affiliation and location cited at top in bold.
  - e. No spelling errors; literature and scientific or trade names properly cited.
  
2. **Poster organization and preparation** (10 points) \_\_\_\_\_
  - a. Has concise and easy to locate highlights of research project.
  - b. Highlights of research/outreach project concise and easy to find.
  - c. Introduction: covers previous literature, objectives and/or hypothesis to be tested. Rational and significance of the proposed studies, in regards to agricultural, food, or environmental issues, should be presented'
  - d. Methods and Materials: covers enough detail but not too much verbiage. Includes detail of the experimental design and research approach, and an outline of the methods/techniques used.
  - e. Results and Discussion: overall results are clearly presented.
  - f. Tables and Figures: appropriate quality, size, and number.
  - g. Colored photos: important to show results with pictures.
  - h. Conclusions/summary statements are included and valid.
  - i. Literature Cited: only key citations listed.
  - j. Poster is concise, logical, and self-explanatory.
  
3. **Originality and Merit** (10 points) \_\_\_\_\_
  - a. Originality of research study: innovative project.
  - b. Previous results appropriately cited in introduction and discussion.
  - c. Objectives or hypothesis were clearly stated.
  - d. Work was well-conceived and properly executed.
  - e. Appropriate methods and experimental design to test hypothesis.
  - f. Conclusions are supported by the presented data.
  - g. Statistics used to evaluate data (if applicable).
  
4. **Knowledge and Presentation** (10 points) \_\_\_\_\_
  - a. Student's enthusiasm of subject area.
  - b. Student's knowledge and competence in subject area.
  - c. Presentation of poster highlights to Judging Committee (3-5 minutes max).
  - d. Ability to answer questions from judges.

**Total Points** (maximum of 40 points possible) \_\_\_\_\_

**Presenter name:** \_\_\_\_\_

**Comments** (use back, if necessary):

# 2009 Horticulture & Crop Science Graduate Research Competition

## Oral Presentation Evaluation for Masters and PhD:

Please evaluate the presentation on the following criteria using this scale:

(1-2)	(3-4)	(5-6)	(7-8)	(9-10)
Poor	Fair	Satisfactory	Good	Superior

- 1. Presentation preparation and organization (10 points)** \_\_\_\_\_
  - a. Attractively and clearly designed in color, neatness, and readability.
  - b. Introduction: Covers objectives and/or hypothesis to be tested and rational and significance of the proposed studies in regards to agricultural, food, or environmental issues.
  - c. Methods and Materials: Includes sufficient detail of the experimental design and research approach, and an outline of the methods/techniques used.
  - d. Results and Discussion: overall results are clearly presented and integrated into existing research.
  - e. Tables and Figures: appropriate quality, size, and number.
  - f. Conclusions/summary statements are included and valid.
  
- 2. Oral Communication skills (10 points)** \_\_\_\_\_
  - a. Demonstrated comfort with presentation of research.
  - b. Held interest of audience.
  - c. Voice clear and of adequate volume.
  - d. Eye contact with judges and audience was appropriate.
  - e. Used slides to enhance vocal explanations of research.
  - f. Provided a well-reasoned rationale of research.
  - g. Went into appropriate detail of experimental design and methods.
  - h. Clearly brought forward key results and explained slide tables and graphs well.
  - i. Synthesized current and previous research in discussion.
  - j. Provided an overall cohesive presentation of main themes and conclusions of research.
  
- 3. Originality and Merit (10 points)** \_\_\_\_\_
  - a. Originality of research study: innovative project.
  - b. Subject is of importance, significance, and interest to HCS.
  - c. Previous results appropriately cited in introduction and discussion.
  - d. Objectives or hypothesis were clearly stated.
  - e. Work was well-conceived and properly executed.
  - f. Appropriate methods and experimental design to test hypothesis.
  - g. Conclusions are supported by the presented data.
  - h. Statistics used to evaluate data (if applicable).
  
- 4. Knowledge and Presentation (10 points)** \_\_\_\_\_
  - a. Student's enthusiasm of subject area.
  - b. Student's knowledge and competence in subject area.
  - c. Presentation of research highlights to judges (10 minutes max).
  - d. Ability to answer questions from judges.

**Total Points** (maximum of 40 points possible) \_\_\_\_\_

**Presenter name:** \_\_\_\_\_

**Comments** (use back, if necessary):