**2020 GRADUATE STUDENT AND POST-DOCTORAL FELLOWS RESEARCH AWARDS COMPETITION**

**February 12, 2020**

**6-9 PM**

**Stewart 214 A-D  
Call for Abstracts / Posters**

The Purdue University Chapter of Sigma Xi, the scientific research society, is conducting a **Graduate Student and Post-Doctoral Fellow Research Awards Competition** in the format of a scientific poster session. You and your advisor do not need to be Sigma Xi members to participate in this competition. Also, you do not need a brand new finding. You can use a recent poster presented at a scientific conference or meeting.

There will be a first prize of **$200**, provided by Sigma Xi, as well as recognition for other outstanding posters in each of the four research areas:

* Graduate Student, Physical Sciences
* Graduate Student, Life and Agricultural Sciences
* Graduate Student, Engineering
* Graduate Student, Behavioral and Social Sciences
* Post-doctoral, Behavioral Sciences
* Post-doctoral, Physical, Life and Engineering Sciences

There will be one prize for each approximately 15 posters in a research area. In recent years, this has resulted in 2-3 top awards in both Life Sciences and in Engineering.

Post-doctoral Fellows also are eligible to participate. There will be one award for post-doctoral fellows across the two post-doc categories.

To participate:

1. Submit an abstract of your research by **11:59 PM, Tuesday February 04, 2020**. These will be published in a booklet. **Use the form at then end of this document.** Applications, in electronic format, should be submitted to [**hnzelaz@purdue.edu**](mailto:hnzelaz@purdue.edu)**.** At the end of this document you will find the abstract application and abstract template. Abstracts should be in MS-Word format, no more than 150 words (title and authors not counted in word count).
2. Present a poster at the 2020 SIGMA XI GRADUATE STUDENT AND POST-DOCTORAL RESEARCH AWARDS COMPETITION POSTER SESSION in Stewart Center, Rooms 214A, B, C, D on **Wednesday, February 12, 2020**. Posters will be setup between **2:30 - 4:30 pm. Presentation and judging is from 6:00 - 9:00 pm**. Presenters are requested to put up their posters by 4:30 pm and to be at their posters from 6:00- 8:30 pm to answer questions from the judges. You will provide a five (5) minute (No Longer!) presentation about your work to each judge. Practice your presentation, so that it is no longer than five minutes. At the end of this document a sample reviewer-judging sheet is shown to help you prepare a poster and three-minute presentation.
3. Posters selected for an award will be displayed at the Annual Sigma Xi Initiation Banquet to be held in the John Purdue Room in Marriott Hall in April (Date tbd). In addition, all award winners and those recognized for Honorable Mention will be invited to attend the banquet in recognition of their outstanding research endeavors. You will also present your poster prior to dinner (more instructions later)

This is an excellent opportunity to learn about the excellence and diversity of scientific research at Purdue as well as to make others aware of your contributions. All graduate students and post-doctoral researchers with appropriate research experiences are urged to participate in this competition.

**For additional information, please contact:**  
Howard N. Zelaznik, Chairperson  
Sigma Xi Graduate Student and Post-Doctoral Research Awards Competition

Department of Health and Kinesiology   
(765-494-5601 or [hnzelaz@purdue.edu](mailto:hnzelaz@purdue.edu))

**Acknowledgement of Permission:**

* Submit an abstract in **MS Word format** by 11:59 PM, Tuesday, **February 04, 2020**. These will be published in a booklet. Forms should be submitted electronically to [hnzelaz@purdue.edu](mailto:hnzelaz@purdue.edu) . Information about poster preparation is provided on a subsequent page. You will receive confirmation of abstract receipt.
* Present a poster at the 2020 SIGMA XI GRADUATE STUDENT and POST-DOCTORAL RESEARCH AWARDS COMPETITION POSTER SESSION in Stewart Center, Rooms 214 A-D on Wednesday February 12, 2020. Rooms will be open from 2:30-4:30 pm (for poster set up and viewing) and 6:00-9:00 pm (for presentation and judging). Presenters are requested to hang their posters by 4:30 pm and to be at their posters from 6:00-8:30 pm to answer questions from judges. We will provide the hardware to place your poster (including push pins)
* A panel of faculty will judge posters. It is likely that your judges (at least two per poster) will not be experts in your research area.

Posters selected for an award will be displayed at the Annual Sigma Xi Initiation Banquet to be held in the John Purdue Room in Marriott Hall in April 2020 (exact date to be announced later). In addition, all award winners and those highlighted for Honorable Mention will be invited to attend the banquet in recognition of their outstanding research endeavors.

By submitting this form electronically, I hereby give my unrestricted permission for the Purdue University Chapter of Sigma Xi to reproduce this professional abstract in the 2020 Graduate Student and Post-Doctoral Research Poster Award Competition abstract booklet. I also herby certify and attest that I have approval from my Major Professor to submit this abstract, and I am the person specified in the abstract.

Please note that this abstract is not to be considered a published abstract that should be listed in your academic vita. You can list the poster presentation as an intramural presentation on your vita.

**Please submit this form and your abstract in MS Word (.doc or .docx) format via email to** [hnzelaz@purdue.edu](mailto:hnzelaz@purdue.edu)**on or before 11:59 PM, Tuesday, Feb 04, 2020.**

Please use the following template for your abstract (see Pages 6 and 7. DO NOT CHANGE FONT, MARGINS, ETC. ABSTRACTS WILL BE RETURNED IF YOU DO NOT MAINTAIN FORMAT … THANKS SO MUCH FOR YOUR UNDERSTANDING)

List all contributing authors and their affiliations; the title of your abstract, and the abstract (Note: the abstract itself **can be no more than 150 words**, this does not include title and authors)

Posters should be 56” wide by 36” high. Posters will be judged on the following criteria:

**Completeness:** All relevant information is contained in the poster (Background, purpose, methods, results, interpretations, and conclusions. No misspellings or grammatical errors.

**Clarity:** Poster is accessible to a person not expert on its content. There should be a minimum of jargon.

**Design:** Color and layout attract attention and guide the reader. Poster is legible (axes are readable) from at least 3 ft.

**Presentation:** Presenter(s) professional (both in speech and appearance) and demonstrate knowledge of the subject matter and can clearly and concisely answer all questions. Presenter kept to the expected five-minute time limit for the presentation.

**Promise:** The poster clearly explains the need for the research and makes apparent what the results of this research will contribute to the academic field.

Below is a sample review sheet used by the judges.

**2020 Sigma Xi Poster Competition Example Judging Sheet**

**Judge : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**LAS** =Grad, Life and Agricultural Science **P =** Grad, PhysicalSciences **B =** Grad, Beh & Soc Sci **E =** Grad, Eng **PDB =** Post-doc Behavioral and Social Sciences **PDPLE=**Post-doc phys, life and engineering sciences

**Excellent (16-20); Good (11-15); Fair (6-10); Poor (1-5) Each criterion graded out of 20.**

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| **Presenter** | **Poster#** | **Completeness** | **Clarity** | **Design** | **Presentation**  **Includes duration** | **Promise** | **Total** |
| Example Name | |  | | --- | | ##LS3 | |  | |  | |  | |  | | 18 | 19 | 15 | 16 | 15 | 88/100 |
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# Graduate Student and Post-Doctoral Research

# Poster Award Competition

# 2020

# Abstract Submission Form

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| Full Name |  |
| College or School |  |
| Department |  |
| Email | yourcareeraccountname@purdue.edu |
| Major Professor |  |
| Abstract Title |  |

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| --- | --- |
| Area for poster to be judged | Grad, Physical Sciences  Grad, Engineering  Grad, Life and Ag Sciences  Grad, Beh and Social Sci.  Post-Doctoral Fellow, Beh & Social Sci  Post-Doctoral Fellow, Phys, Life & Eng Sci |

go to next page for abstract form

Title of Poster

Author Last Name, First Initial, etc

Department or Academic Unit

e-mail: yourcareeraccount@purdue.edu

Name of faculty sponsor

Abstract text