10th Annual
College of Education & Health Professions Honors Research Symposium

April 16, 2021
Virtual

CALL FOR ABSTRACTS

DEADLINE: All abstracts must be submitted no later than April 2, 2021 by 5:00pm CT. Decisions will be sent via email by 5:00pm CT on April 6, 2021.

Undergraduate Honors Students must present their accepted abstracts at the virtual Honors Symposium in the form of an electronic poster including a 3-minute summary plus a pre-recorded Q & A. The poster must be completed and submitted for review no later than 4:00pm on April 13, 2021 – NO EXCEPTIONS.

AWARDS: Overall there will be three competitive awards presented to COEHP Undergraduate Honors presenters.

ABSTRACT SUBMISSION INFORMATION:

Honors projects must be in the form of original research, literature reviews, and/or case studies. Projects must be complete and proposals will not be accepted for presentation. Please read all instructions before preparing and submitting the abstract. An individual may submit only one abstract as the primary (presenting) author but may submit unlimited abstracts as a secondary author. Prepare your abstract in accordance with the following instructions. Abstracts that do not comply with this format will be returned without review and you will not be able to present at the COEHP Virtual Honors Symposium.

1. Top, bottom, right, and left margins of the body of the abstract should be set at 1" using the standard 8.5" x 11" format. Use either Arial, Times New Roman, or Helvetica 12pt. font with single spacing. Only .doc(x) or .pdf files will be accepted.
2. Provide the title of the paper or project starting at the top left margin. On the next line, indent (tab over) and provide the names of all authors, with the author who will make the presentation listed first. Enter the last name, then initials (with periods), followed by a comma, and continue the same format for all secondary authors (include faculty mentors/committee members), ending with a period.
3. On the same line, indicate the name of the institution (including the city and state; likely this will be University of Arkansas, Fayetteville, AR) where the research was conducted. You should include collaborating institutions here as well (i.e. Fayetteville Public Schools, University of Wyoming, etc.).
4. Double space and begin entering the body of the abstract, flush left, in a single paragraph with no indentations. The text of the body must be structured (with the heading: i.e. Background/Introduction, Purpose, Methodology, Results, Discussion/Conclusion). Do not include tables or figures in the abstract, these may be presented on the poster. The body of the abstract is limited to 450 words. A word count must be included at the bottom of the abstract. The word count should include the body
of the abstract and headings (do not include the title, authors, or funding source in this word count).

5. Provide information for the funding source at the bottom of the abstract body (i.e. SURF, Honors College Research Grant).

6. The required formats for the structured abstract are highlighted below. For further clarification, authors should consult the APA 7th edition manual.

7. **Electronic Poster Criteria for Accepted Abstracts.** The poster should be one PowerPoint slide. The poster size should be 16:9 (widescreen) and oriented in the landscape position. The posters must include the same content as included within the accepted abstract. *Please discuss all poster content questions with your faculty mentor.* You will provide a 3-minute summary of your project in addition to answering the following questions:
   a. Discuss in 1-minute or less why this project is important.
   b. Discuss in 1-minute or less any changes you would make that would strengthen or improve your study.
   c. Discuss in 1-minute or less any challenges you faced while completing your project.

Please direct questions to Dr. Michelle Gray at rgray@uark.edu or Matthew Fey at mfey@uark.edu. Submit final abstracts here. If the link does not work, enter this URL: https://uark.app.box.com/f/78a818b50be745b2b30b0dcd8a778128
Effects of vascular blood flow among older adults after high-velocity resistance training

Gray, M., Ganio, M.S., & Imbeau, M.: Human Performance Lab, University of Arkansas, Fayetteville, AR.

**Background:** Write a sentence or two summarizing the rationale for the study, providing a reason for the study question and/or uniqueness of study. **Purpose:** State the precise objective(s) or question(s) addressed in the report, including *a priori* hypotheses, if applicable.

**Methodology:** Describe the overall study design of the project reported (e.g., randomized controlled trial, case-control, crossover trial, cohort, or cross-sectional). Describe the underlying target population, selection procedures (e.g., population based sample, volunteer sample or convenience sample) and important aspects of the final subject pool (e.g., number, average age, weight, height and measures of variance, years of experience or gender). Describe the *essential* pieces of the experimental methods, types of materials, measurements and instrumentation used, and data analysis procedures and statistical tests employed. Provide validity and reliability information on novel instrumentation. Clearly identify primary or critical dependent variables that support the primary objective(s) of the study. Describe how any data were manipulated (e.g. scoring process for scaled instruments or categorization of variables). Indicate the statistical analyses employed to answer the primary research objective(s). **Results:** Report the findings of the study along with pertinent statistics. **Discussion:** Summarize or emphasize the new and important findings of the study. The conclusion must be consistent with the study objectives and results as reported and should be three to four sentences. If possible, relate implications of the findings for clinical practice.

**Funding source:** Honors College Research Grant

**Word Count:** Limited to 450 words including headings.