**2024 GW SMHS Research Showcase**

**Health Sciences Student Guide**

**Date:** April 25

**Health Sciences Hybrid Format:**

**Physical Posters** – will be hung by faculty mentors on the day of the showcase. Posters will have a QR code that links to a recorded presentation by the student. Winning posters will display award ribbons on the day of the Research Showcase.

**Virtual Presentations** – students who opt-in to being judged will join a Zoom call with judges and others who wish to attend. These will occur at various times the week before April 25. The format will be 5 mins for presentation and 3-5 mins for questions. Approximately 10 minutes per presentation and 6 presentations per hour.

Dates & times for Virtual Presentations:

Friday, April 19 3P-5P

Monday, April 22 3P-5P

Tuesday, April 23 10A-noon

Wednesday, April 24 10A-noon

**Research Showcase Day Program:**

* + 8:00am – 9:00am: Set up posters
	+ 9:00am-11:30am: Morning poster session for IBS and Health Science students
	+ 11:30am-noon: First lunch option
	+ Noon–1pm: Keynote speaker
	+ 1:00pm-1:30pm: Second lunch option
	+ 1:30pm – 3:30pm: Afternoon poster session for medical students
	+ 3:30pm-4:30pm: Oral presentations (med students)
	+ 4:30pm – 5pm: Awards ceremony (med students)

**Location:**

Student Center Grand and Continental ballrooms for posters

**Judging and Awards**

* Judges will listen to the student’s virtual presentation and ask questions
* Judges meet at 1P on April 24 to decide on awards
* Winners will be announced on the morning of April 25 and their physical posters will be hung with a winner’s ribbon.
* Winners’ posters will be displayed on the HS website

**Health Sciences Awards**

**Notes:**

* There will be prizes in three categories:
	+ Research Promoting Justice, Equity, and Inclusion
	+ Translational Research (Clinical, Community, & Basic)
	+ Educational Scholarship
* In each category, doctoral students will be judged separately from master’s and bachelor’s students
* Honorable mentions at the discretion of the committee

**Health Sciences Student Research Showcase Abstract Collection**

When submitting an abstract, you will be required to provide the following information

|  |  |
| --- | --- |
| **Health Sciences Students** |  |
| Primary Presenter Name |  |
| Email Address |  |
| Abstract Title (in Title Case) |  |
| Please select the broad category your abstract fall under: |  |
| * Research Promoting Justice, Equity, and Inclusion
* Translational Research – Clinical, Community, & Basic
* Educational Scholarship
 |  |
| Faculty Mentor Name |  |
| Mentor Department and Home Institution |  |
| Mentor Email |  |
| Co-presenter name |  |
| Co-author(s) Name(s) |  |
| Abstract Text (400 words) |  |
| Do you want this abstract to be considered for peer-review and judging Yes/No |  |

**Faculty Mentor:** The faculty mentor who directed the work

**Co-presenter:** One other student who collaborated closely on the work with you and who will share presentation time with you

**Co-authors:** Other students and/or faculty who contributed to the research

**Abstract:** May be structured or unstructured. References are not required and should not be included in the abstract

**Opt-in to judging:** If you would like to be considered for an award, you must indicate yes, and present at one of the virtual presentation events prior to Research Showcase day.

**Health Sciences Research Showcase**

**Eligibility:**

* Students currently enrolled in a health sciences program
* Students who graduated from a health sciences program in the past 12 months

**Number of presenters, co-authors, and faculty mentor**

* Up to two co-presenters, one must be designated the primary presenter for submission of the abstract
* Other collaborators may be listed as co-authors
* One faculty member must be listed as the primary mentor. If more than one faculty member was involved, they may be listed as a co-author

**Abstract Title**

* Keep the title brief and descriptive
* For doctoral students, this does not need to be the full title of your capstone or dissertation; keep it brief for the abstract and poster

**Categories**

* Please choose the one category that best captures your research. More than one category may apply but choose the one that fits best
* Categories include:
	+ Research Promoting Justice, Equity, and Inclusion
	+ Translational Research - Clinical, Community, & Basic
	+ Educational Scholarship

**Abstract Body**

* You may provide a structured or unstructured abstract
* For a structured abstract, consider the following sub-headings: Background, Methods, Results, Discussion, Practice Implications
* 400 words max
* No references

**Study Methods**

* Any methodological approach designed to generate generalizable knowledge is acceptable for presentation at Research Showcase
	+ Scoping reviews and systematic reviews are acceptable because they generate generalizable knowledge; a literature review would not be acceptable because it is limited in scope and rigor.
	+ Case studies that apply a research method designed to produce generalizable knowledge e.g., A-B-A-B n=1 designs are acceptable; a review of a single clinical case is not acceptable.
	+ Study protocols may be acceptable if they describe a highly novel or important methods or approach
	+ Preliminary data is acceptable; ensure your conclusions and implications reflect the preliminary nature of the results

**Preparing for Health Sciences Research Showcase**

**Step 1: Develop Your Physical Poster (all applicants):**

* We recommend using the #betterposter design for your poster, but you can also use a more traditional style.
* Learn more about the #betterposter design: <https://www.youtube.com/watch?v=SYk29tnxASs>
* You can get both #betterposter and traditional poster templates on the Health Sciences Research webpage XXXX

**Step 2: Develop Your Recorded Presentation (all applicants):**

Overall guidelines to follow:

* The total length of the presentation is 2-3 minutes.
* 4-5 slides in a slide presentation

Some things you will want to cover (as relevant) are:

* Title slide with presenters’ and co-authors’ names and affiliations
* Summarize the background and introduce why the research question is important
* Briefly describe the methods used; you can assume the audience will understand common approaches e.g., focus groups but you might spend more time on novel methods in your study
* State the most important results; make sure these are clearly highlighted on your poster.
* Discuss what your findings mean for your field and, if relevant, implications for practice or policy

How to record your slide presentation

* Record your slide presentation using any tool you are familiar and comfortable with that allows you to produce a video of the recording to send in.
* A few options are:
	+ In [PowerPoint](https://impact.smhs.gwu.edu/sites/g/files/zaskib836/files/2022-03/Narrated%20PowerPoint%20Office%20365.pdf)
	+ Using [Quicktime on a Mac](https://impact.smhs.gwu.edu/sites/g/files/zaskib836/files/2022-03/QuicktimeMac_0.pdf)
	+ In [Zoom](https://support.zoom.com/hc/en/article?id=zm_kb&sysparm_article=KB0059856)

**Step 3: Share the Recorded Presentation (all applicants):**

* Share the video file of your recorded presentation with hsptech@gwu.edu **by Thursday, April 4th**
* For consistency, Health Sciences staff will upload all recorded presentations to Panopto, ensure their visibility, produce QR codes to them, and share the links and QR codes with all the presenters

**Step 4: The QR Code (all applicants):**

After the Health Sciences staff sends you the QR code to your recorded presentation, paste it onto your poster before submitting the poster for printing.

**Step 5: Sending Your Poster for Printing (all applicants):**

* Be sure the QR code works
* Your posters will be printed in large format at GW at no cost
* You must submit your poster in PDF format by **April 17**  to hsptech@gwu.edu

**Step 6: Developing your Narrated Presentation (ONLY applicants who want to be considered for an award)**

Overall guidelines to follow:

* The total length of the presentation is 5 minutes.
* 5-6 slides in a slide presentation
* 3-5 minutes for questions

Students who want to be considered for an award should build off their script and slides for their recorded presentation in step 2. Because this presentation will be slightly longer and in real-time, students can add more detail than they included in the recorded presentation.

**Step 7: Choosing a Presentation Date and Presenting Your Work Virtually (ONLY applicants who want to be considered for an award)**

* Choose your preferred dates and times to present (Doodle Poll will be sent after abstracts submissions close)
* Use the slide presentation you developed in Step 2; you may modify this for the judged presentation if you wish
* Build off the narration script from Step 2 as the basis for your judged presentation; this presentation may be a little longer than your virtual presentation.

**GW SMHS Health Sciences Research Showcase Scoring Matrix**

Presenter(s) Name(s):

Poster Number: Poster Title:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **Weak**
 | 1. **Good**
 | 1. **Strong**
 | **(4) Excellent** |
| **Significance, Problem, Rationale:** Does the research address an important question? Does the research increase our understanding of the chosen topic?* Includes details about the problem statement, background/literature reviewed, and research questions to be addressed.
 |
| 1. Little or no rationale for the study is provided or is not linked to prior evidence, knowledge gap addressed is unclear and/or unimportant, study questions or hypothesis absent or unclear. | Rationale for the study is confusing or limited; link to prior evidence is too long or limited, knowledge gap addressed is unclear or of limited significance, study questions or hypothesis are too broad. | Rationale for the study is generally clear; link to prior evidence is sufficient, knowledge gap addressed is clear and importance to field is made, study questions or hypothesis could be more directly linked to knowledge gap. | Rationale for the study is very clear; link to prior evidence is strong, knowledge gap addressed is clear and of high importance to the field, study questions or hypothesis clearly follow from identified gap. |
| **Methods:** Is the research design suitable for the stated objectives? Are the analytical techniques appropriate for the study question?* Includes details about study sample, materials/instruments, recruitment, data collection and testing
 |
| Study design and analytic approach does not align with study question/ objectives. Methods poorly described. | Study design or analytic methods do not clearly align with question or objectives. Methods as described are overly technical or too rudimentary in description. | Study design and analytic methods align with question and objectives. Methods are generally well described but some key details missing. | Study design and analytic methods are well integrated with question and objectives. Methods are well described, and all key details are provided. |
| **Findings, Discussion, and Conclusions:** Findings are related to study question(s) and flow from data collection methods; discussion and conclusions are reasonable and logically follow from findings. * Includes lack of errors, tables and figures, interpretation, and connection to questions
 |
| Errors in results, important details missing, findings presented are unrelated to study question, discussion/conclusions not logically related to findings. | Findings are generally correct but lack details or are not fully connected to research questions. Discussion/conclusions not fully developed or over-interpret findings. | Findings are generally clear and most key information is presented. Figures and tables could be improved. Discussion/conclusions are generally reasonable and related to the study question. | Findings clearly presented, key information is clear, figures and tables enhance understanding, discussion/conclusions are connected to study question and advance knowledge in the field |
| **Visual impact:** Is the poster visually effective? Do the figures and graphs further viewers’ understanding of the subject matter? |
| Cluttered, too much or too little information, graphics not readable, too much jargon, colors unappealing, too little attention to detail. | Needs work to improve visual appeal, needs clarity of information, some graphics could be improved, important details missing.  | Poster visually appealing but some improvements needed, graphics generally clear, minor details missing.  | Exceptionally visually appealing, good use of graphics and layout, excellent attention to details. |
| **Presentation:** Is the presenting author knowledgeable and conversant? |
| Presenter was not prepared. Demonstrated problems in several areas (no eye contact, no clear discussion of research, lack of professionalism).  | Presenter did not convey a sense of confidence or ability to *clearly* discuss the research problem, methods, conclusion, and implications.  | Presentation and demonstration of understanding was acceptable. Demonstrated some problems (speaking too softly, use of jargon, hesitation, inability to handle questions, etc.)  | Presenter was confident and professional. Established eye contact. Clearly conveyed research problem, methods, conclusions, and implications. Answered questions well. Discussed research in layman’s terms or appropriate to judge.  |

Other comments: