

Samuel Jordon Graham Post-Doctoral Fellow Award Application Instruction Packet

Objective

This is an application for the Samuel Jordon Graham Post-Doctoral Fellow Award. This fund will support a post-doctoral fellow (PDF) working on foundational or translational research integrating both medical and public health perspectives under the supervision of faculty co-mentors from both the Schools of Public Health and Medicine. The fund will provide \$50,000 in support which can be used broadly for salary, health care fees, or research-related expenses.

Eligibility

- Highly talented and motivated postdoctoral fellows with interest in foundational or translational research integrating both medical and public health perspectives are encouraged to apply. We encourage applicants from diverse educational and underrepresented backgrounds to apply.
- Candidates are not required to have a current postdoctoral position at Johns Hopkins University but will be required to be eligible for and able to initiate an official postdoctoral fellow position by September 1, 2023. Both MD and foreign postdocs are eligible to apply. There are no geographic restrictions on where the research is conducted but all other eligibility criteria would be required.
- In the context of this application, fundamental research is defined as directed at understanding mechanisms and exploring etiology, employing disciplines including but not limited to the classic basic sciences (e.g., molecular biology, biochemistry, microbiology, pharmacology) as well as non-bench sciences with a foundational focus (e.g., epidemiology, biostatistics, behavioral sciences).
- In the context of this application, the definition of translational research is expanded beyond moving a diagnostic or therapeutic from the lab into the clinic (e.g., from bench to bedside), but also to how the research can be adapted to address broader clinical or public health impact.
- The department of the mentor's primary appointment will be considered in determining eligibility; jointly appointed faculty will be considered as representative from their primary rather than jointly affiliated department. Non-tenure track faculty in either BSPH or SOM are eligible to serve as mentors as long as these research individuals have the requisite expertise to substantively contribute to the research and mentoring program.

Selection process

Applications will undergo review by a committee of faculty from both public health and medicine. Only one awardee will be selected annually. Unsuccessful applicants are welcome to reapply the following year. Awardees are not eligible to reapply.

Review criteria

- Quality of the science proposed in generating new knowledge of an important health problem
- Likelihood of successful integration of diverse medical and public health perspectives by the trainee within the proposed research and training plan
- Likely impact of this award on applicants' career trajectory, particularly the subsequent pursuit of integrated public health/medical perspectives in their future research

Instructions

Please include **a cover sheet and all sections** requested in this instruction packet in your final application package as a single PDF attachment and email to BSPH.research@jhu.edu. Please put your name in the filename. The deadline to submit the application is **5:00pm ET on March 17, 2023**.

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Each of the following sections should be included in the application and adhere to the indicated page limits. The application should be in Arial 11-point font, with 0.5-inch narrow margins. Figures and tables should be incorporated within the page limits. Limited references may be included, and do not contribute to the page limits.

A. Research project proposal (2 pgs + references)

Description of the proposed research should explain what is novel about the project and how it will serve to move the field forward. Preliminary data is not required for this application but if available, please distinguish between preliminary data originating from the mentors' work versus the individual contributions of the PDF applicant. Continuation of a project on which the PDF has been working may be appropriate; the application should clarify how the continuing research project will be adapted or broadened to incorporate new public health or clinical perspectives.

B. Career development plan (2 pgs)

This section should describe what prior research experiences and training will be leveraged by the applicant to conduct the proposed research, and how this award may extend their prior work. Describe the objectives of the career development plan with details on how these objectives may be achieved within this relatively short timeframe. Please provide details for any specific training components proposed (coursework, workshops, hands-on training, etc.). It is recognized that training plans will vary greatly based on the career stage of the applicant and the proposed research and career development activities. Coursework is not required as part of this award. A primary activity for all applications should include research mentoring. The prior and proposed relationship between the co-mentors should be delineated and clearly establish substantive and in-depth research activity with both mentors. Roughly equivalent engagement by the PDF with co-mentors is expected. Applications should explain how the PDF will engage individually and jointly with mentors. While a larger mentoring team may be appropriate, for this application, identification of two co-mentors, one from public health and one from medicine, is required. Mentors are not required to have previously worked with applicants. The formation of new research partnerships between co-mentors would be considered favorably by the review committee. Finally, please describe how the proposed mentoring and training activities will aid in your career development as an investigator.

C. Mentoring statement (3 pgs total)

Signed letters of support on institutional letterhead may be provided as individual letters or as a shared letter from the co-mentors. In support of the career development plan, the mentoring plan should describe the relationship between the co-mentors and clearly establish substantive and in-depth research activity with both mentors. Mentors should identify their knowledge of and prior interactions with the candidate, describe their specific mentoring roles as part of the career development plan, and indicate their planned roles and level of involvement in the proposed research project. A brief description of resources available to the applicant related to this specific project should be provided; general resources can be included as an optional supplement using a standard NIH facilities and resources section.

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D. Integrated Perspective Statement (1 paragraph)

Applicants should provide 2-4 sentences that directly address how the fellowship and proposed research will integrate both medicine and public health perspectives and the potential for subsequent broader impact.

E. Biosketches of PDF applicant and faculty co-mentors (5 pg limit for each)

An NIH-style Biosketch or equivalent is preferred but adaptations are acceptable. The PDF applicant should ensure that their education and training, honors and awards, prior research experience and publications are provided. Applicants should also indicate what current and pending funding support they have related to the proposed work.

Optional: If available and appropriate, a **NIH facilities / resources / environment section** from each co-mentor (5 pg limit for each) may be included.

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COVER SHEET

Do NOT fill out here- please attach as the initial page in final PDF package.

- A. Name and degree(s) of applicant
- B. Email address of applicant
- C. Name, degree(s) and position of co-mentors. Please list both primary and joint departmental affiliations
- D. Title of research project