



2024 GLOBAL HEALTH RESEARCH SEED FUNDING GRANT

A \$25,000 grant will be awarded to provide funds to develop exciting investigator-initiated concepts focused on global health research, which will hopefully lead to successful longer term project funding from the NIH or equivalent funding sources. Examples of global health research include, but are not limited to telemedicine (e.g., remote planning of radiotherapy, or AI-supported automatic cancer prediction from screening data of cancers common in LMIC), development of low-cost technologies for diagnostics and treatment (e.g., auto-contouring of clinical targets applied to clinical trials in LMIC). Inclusion of existing global health research resources (e.g., AAPM GRSIC open source tools, or international clinical trial data).

Funding for grant recipients will begin on August 31 of the award year. Research results will be submitted for presentation at future AAPM meetings. The award is not intended to provide salary support for the applicant, however any other research-related expenses, including travel to scientific meetings, will be supported. Funds may be used to partially support salary for students, trainees, lab technicians, etc. to carry out the research. Travel expenses should be included in the submitted budget. At the end of the 12-month period a report must be forwarded to the AAPM, along with itemized expenses. The award will not support indirect costs. Any unspent

funds should be returned to AAPM

Sponsored by the [AAPM International Council](#) through the [AAPM Education and Research Fund](#).

A list of Award Recipients can be found [here](#).

Eligibility:

- Ten years or less since receipt of a terminal research degree or medical physics residency, whichever is later. (Excludes those who have reached Associate Professor level.)
- Eligibility extension is possible and will be reviewed on a case-by-case basis, following similar NIH guidelines.
- Must be a member of AAPM at the time of application (any membership category). Pending membership status not eligible.
- No previous grants greater than \$50,000 as principle investigator (including institutional startup funding, industrial awards, other external grants).
- Previously funded projects are ineligible.
- Prior Seed Grant recipients are ineligible.

Application Requirements:

Five-page description of research project (including figures and tables), separated as follows:

- a. Specific aims
- b. Background and significance
- c. Preliminary results
- d. Research plan
- e. Literature cited
- f. Budget

- g. Letter of support from division/department chair demonstrating support for the project and authorization of time and resources to complete the proposed research
- h. CV (no more than four pages) *Note that sections (e), (f), (g), and (h) do not count towards the five-page limit.*

Review Criteria

Peer review will be conducted by members of the Global Research Collaboration Sub-Committee of the Global Research and Scientific Innovation Committee (GRSIC). The scientific merit of the proposal will be judged based on significance to global health, qualifications of investigator, innovation, soundness of approach, research environment, and potential for future funding. Applications that include co-investigators from LMIC are particularly encouraged..

Deadline to provide three key words and upload a letter of intent of your proposed topic: March 18, 2024

Application Deadline: April 17, 2024

All supporting documents are due by the application deadline.

Award duration:

August 31, 2024 – August 31, 2025

Recipients notified by:

May 30, 2024



FOR MORE DETAILS, VISIT:
<https://aapm.me/GSEED>