



HARVARD MEDICAL SCHOOL

Facilitating increased participation and professional development of Medical Physicists (RadOnc Professionals) in Global Health

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Global Health Catalyst (GHC)

- GHC developed with input from the speakers and others building on successful collaboration-driven Model of Harvard Catalyst:
- GHC Platform goals:
 - Making it easier to start, find and participate in International collaborative cancer care, research and education
 - Leverage existing collaborations global health initiatives
 - promote participation by students, residents, faculty
 - Enable space-time flexible participation

Global Health Catalyst (GHC) features

- Collaborative Cancer Care example activities:
 - catalyze space-time flexible consultation/mentorship/service working with global partners in LMIC; e.g. in Tanzania
 - enhance telemedicine efforts e.g. participation in international tumor boards (e.g. Botswana-Harvard)
 - helping treatment planning and evaluation, including remotely with the help of ICTs like VelocityGRID

Global Health Catalyst (GHC) features

- Collaborative Cancer Research: Harvard Catalyst model:
 - Leverage ICT software (e.g., Profiles, eagle-i) to enable investigators to easily find collaborators/mentors across multinational institutions,
 - share e-research resources (e.g., a research database),
 - share tools and technologies, access free consultations and cross-cultural communication/interaction training,
 - find pilot funding and embark upon new areas of investigation,
 - Crowdfunding: with support from the diaspora, where modest contributions can support many years of fruitful research

Global Health Catalyst (GHC) features

- Cancer Education/training examples:
 - e-learning via CourseSites, EdX, PACT's VUCCnet, Enable space-time flexible teaching or access to training, continuing education, or new knowledge.
 - Chart rounds or tumor board sessions, online discussions and recitation sessions, etc, to give more breadth to residents/trainees
 - GHC-supported summer workshops and practical training,
 - Curriculum development,



Global Health Catalyst (GHC)

- ❖ OUTREACH
 - Beyond Radiation Oncology to: Cancer prevention, Medical oncology, Surgery,
 - Outreach to Policy makers like the WHO
 - Concerted Advocacy and awareness campaign
 - Partnerships with funding agencies
 - NGOs
 - Industry
 - Diaspora

Other opportunities

- AAPM International portal: e.g. Exchange scientist program
- **Radiating Hope:** [Radiating Hope](#) is a nonprofit 501(c)(3) organization that seeks to advance radiation oncology cancer care in developing countries.
- ARRO global Health Initiative: e.g. fellowships

Conclusion

- There is growing need and a growing number of opportunities for participation in global health
- The GHC is a growing aims to make it easier to participate in collaborative cancer care research and education
[GlobalHealthCatalyst.org](#)

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Thank you for your attention !



International PANEL



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