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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